

**Thrivent Series Fund, Inc.**  
**Supplement to the Prospectus**  
**dated April 28, 2017**  
**with respect to**  
**Thrivent Growth and Income Plus Portfolio**

The Board of Directors of Thrivent Series Fund, Inc. has approved the merger of Thrivent Growth and Income Plus Portfolio (the “Target Portfolio”) into Thrivent Moderately Aggressive Allocation 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 June 21, 2018. The merger, if approved by contractholders, will occur on or about June 28, 2018. The Target Portfolio and its corresponding subaccount will be closed as new investment selections at the end of the day on April 27, 2018. 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 March 5, 2018.

*Please include this Supplement with your Prospectus.*

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**Thrivent Series Fund, Inc.**

**Supplement to the Prospectus**  
**dated April 28, 2017**  
**with respect to**  
**Thrivent Small Cap Index Portfolio**  
**Thrivent Mid Cap Index Portfolio**  
**Thrivent Large Cap Index Portfolio**

Brian W. Bomgren, CQF and Sharon Wang, CFA, FRM have been named portfolio managers of Thrivent Small Cap Index Portfolio, Thrivent Mid Cap Index Portfolio, and Thrivent Large Cap Index Portfolio (together, the “Portfolios”). Mr. Bomgren has been with Thrivent Financial since 2006 and is currently a Senior Equity Portfolio Manager. Ms. Wang has been with Thrivent Financial since 2017 and is currently an Intermediate Equity Portfolio Manager. Prior to joining Thrivent Financial, Ms. Wang worked at Bryn Mawr Capital Management as a portfolio manager from 2009-2016.

Kevin R. Brimmer is no longer a portfolio manager for the Portfolios. As a result, all references to Mr. Brimmer are hereby removed from the prospectus.

The date of this Supplement is January 19, 2018.

*Please include this Supplement with your Prospectus.*

**Thrivent Series Fund, Inc.**  
**Supplement to Prospectus**  
**dated April 28, 2017**  
**with respect to**  
**Thrivent Partner Healthcare Portfolio**

On September 11, 2017, BlackRock Investment Management, LLC will replace Sectoral Asset Management Inc. as the subadviser of Thrivent Partner Healthcare Portfolio (the “Portfolio”). As a result, the following changes to the prospectus will be made on that date.

1. The third paragraph under “Principal Strategies” in the “Summary Section” will be deleted and replaced with the following:

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.

2. The second sentence under “Investment Adviser(s)” in the “Summary Section” will be deleted and replaced with the following:

Thrivent Financial has engaged BlackRock Investment Management, LLC to subadvise the Portfolio.

3. Information about the portfolio manager under “Management–Portfolio Manager(s)” in the “Summary Section” and under “Portfolio Management–Thrivent Partner Healthcare Portfolio” in the “Management” section will be deleted and replaced with the following:

**Erin Xie**, Managing Director of BlackRock, Inc., has served as the portfolio manager of the Portfolio since 2017. Dr. Xie has been a Managing Director of BlackRock, Inc. since 2006 and joined BlackRock, Inc. as a Director in 2005. Prior to joining BlackRock, Inc., Dr. Xie was a Senior Vice President of State Street Research & Management from 2001 to 2005.

The date of this Supplement is September 1, 2017.

*Please include this Supplement with your Prospectus.*

**Thrivent Series Fund, Inc.**  
**Supplement to Prospectus**  
**dated April 28, 2017**  
**with respect to**  
**Thrivent Bond Index Portfolio**

Shareholders of Thrivent Bond Index Portfolio (the “Portfolio”) approved the changes described below at a meeting held on August 10, 2017. The changes will be implemented on August 28, 2017.

1. The Portfolio will change its name to Thrivent Government Bond Portfolio.
2. The disclosure under “Investment Objective” in the “Summary Section” of the prospectus will be deleted and replaced with the following:

Thrivent Government Bond Portfolio seeks total return, consistent with preservation of capital.

3. The disclosure under “Principal Strategies” in the “Summary Section” of the prospectus will be deleted and replaced with the following:

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 Treasury Inflation Protected Securities (TIPS) 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 determine that the Portfolio would benefit from reducing the percentage of its net assets invested in U.S. government bonds from 80% to a lesser amount, it will notify you at least 60 days prior to the change and will change its name. The Portfolio may invest in sovereign debt securities. These securities are issued or guaranteed by foreign governmental entities.

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. The “total return” sought by the Portfolio consists of income earned on the Portfolio’s investments plus, if any, capital appreciation. The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee.

4. The following risks will be added under “Principal Risks” in the “Summary Section” of the prospectus:

**Government Securities Risk.** The Portfolio invests in securities issued or guaranteed by the U.S. government or its agencies and instrumentalities (such as Ginnie Mae, Fannie Mae or Freddie Mac securities). Securities issued or guaranteed by 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 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.

***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.

***Sovereign Debt Risk.*** Sovereign debt securities 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.

5. Information about the portfolio managers under "Management–Portfolio Manager(s)" in the "Summary Section" and under "Portfolio Management–Thrivent Bond Index Portfolio" in the "Management" section of the prospectus will be deleted and replaced with the following to reflect the addition of Gregory R. Anderson as a portfolio manager of the Portfolio:

**Michael G. Landreville, CFA, CPA (inactive)** has served as a portfolio manager of the Portfolio since 2005. **Gregory R. Anderson, CFA** has served as a portfolio manager of the Portfolio since August of 2017. Mr. Landreville has been with Thrivent Financial since 1983 and has served as a portfolio manager since 1998. Mr. Anderson has been with Thrivent Financial since 1997 and has served as a portfolio manager since 2000.

6. The Portfolio's investment objective is changed from "fundamental" to "non-fundamental." Therefore, the Portfolio's board of directors may change its investment objective with advance notice to shareholders.

The date of this Supplement is August 18, 2017.

***Please include this Supplement with your Prospectus.***

**Thrivent Series Fund, Inc.**

**Supplement to Prospectus  
dated April 28, 2017**

**with respect to**

**Thrivent Aggressive Allocation Portfolio  
Thrivent Moderately Aggressive Allocation Portfolio  
Thrivent Moderate Allocation Portfolio  
Thrivent Moderately Conservative Allocation Portfolio  
Thrivent Income Portfolio**

1. Russell W. Swansen has announced his retirement from Thrivent Financial, effective June 30, 2017. As a result, he will no longer serve as a portfolio manager for Thrivent Aggressive Allocation Portfolio, Thrivent Moderately Aggressive Allocation Portfolio, Thrivent Moderate Allocation Portfolio and Thrivent Moderately Conservative Allocation Portfolio after that date. All references to Mr. Swansen serving as a portfolio manager will be removed from the prospectus of Thrivent Series Fund, Inc. on June 30, 2017. David C. Francis, CFA, Mark L. Simenstad, CFA, Darren M. Bagwell, CFA and Stephen D. Lowe, CFA will continue to serve as portfolio managers of the Portfolios.
2. Mark L. Simenstad, CFA has been appointed Chief Investment Strategist of Thrivent Financial. All references to Mr. Simenstad in the prospectus of Thrivent Series Fund, Inc. will be updated to reflect his new title.
3. Stephen D. Lowe, CFA has been appointed Vice President of Fixed Income Mutual Funds and Separate Accounts of Thrivent Financial. All references to Mr. Lowe in the prospectus of Thrivent Series Fund, Inc. will be updated to reflect his new title.
4. Kent L. White, CFA has been named as a portfolio manager of Thrivent Income Portfolio. Mr. White is the Director of Investment Grade Research at Thrivent Financial and has been with the firm since 1999. Stephen D. Lowe, CFA will continue to serve as a portfolio manager of the Portfolio.

The date of this Supplement is June 26, 2017.

***Please include this Supplement with your Prospectus.***

# *Thrivent Series Fund, Inc.*

## Prospectus

April 28, 2017

Thrivent Aggressive Allocation Portfolio  
Thrivent Moderately Aggressive Allocation Portfolio  
Thrivent Moderate Allocation Portfolio  
Thrivent Moderately Conservative Allocation Portfolio  
Thrivent Growth and Income Plus Portfolio  
Thrivent Balanced Income Plus Portfolio  
Thrivent Diversified Income Plus Portfolio  
Thrivent Opportunity Income Plus Portfolio  
Thrivent Partner Healthcare Portfolio  
Thrivent Partner Emerging Markets Equity Portfolio  
Thrivent Real Estate Securities Portfolio  
Thrivent Small Cap Stock Portfolio  
Thrivent Small Cap Index Portfolio  
Thrivent Mid Cap Stock Portfolio  
Thrivent Mid Cap Index Portfolio  
Thrivent Partner Worldwide Allocation Portfolio  
Thrivent Partner All Cap Portfolio  
Thrivent Large Cap Growth Portfolio  
Thrivent Partner Growth Stock Portfolio  
Thrivent Large Cap Value Portfolio  
Thrivent Large Cap Stock Portfolio  
Thrivent Large Cap Index Portfolio  
Thrivent Low Volatility Equity Portfolio  
Thrivent Multidimensional Income Portfolio  
Thrivent High Yield Portfolio  
Thrivent Income Portfolio  
Thrivent Bond Index Portfolio  
Thrivent Limited Maturity Bond Portfolio  
Thrivent Money Market Portfolio

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.

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# Thrivent Aggressive Allocation Portfolio

## Investment Objective

Thrivent Aggressive Allocation 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. Because the Portfolio invests, in part, in other Thrivent mutual funds (the “Underlying Portfolios”), you will bear: (1) the fees and expenses directly incurred by the Portfolio itself, and (2) the expenses associated with the Portfolio’s investments in the Underlying Portfolios. 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)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.74%
Other Expenses	0.05%
Acquired Portfolio (Underlying Portfolio) Fees and Expenses	0.23%
Total Annual Portfolio Operating Expenses	1.02%
Less Fee Waivers and/or Expense Reimbursements <sup>1</sup>	0.21%
Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements	0.81%

<sup>1</sup> The Adviser 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 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. 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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Aggressive Allocation Portfolio	\$83	\$304	\$543	\$1,229

## Portfolio Turnover

The Portfolio pays transaction costs, such as commissions, when it buys and sells securities (or “turns over” its portfolio), except that it does not pay transaction costs for buying and selling shares of the Underlying Portfolios. 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 65% of the average value of its portfolio. The Portfolio’s portfolio turnover rate does not reflect the portfolio turnover rate of the Underlying Portfolios. While the Portfolio does not pay transaction costs for buying and selling shares of the Underlying Portfolios, the Portfolio will indirectly bear the expenses associated with portfolio turnover of the Underlying Portfolios.

## Principal Strategies

The Portfolio pursues its objective by investing in a combination of Underlying Portfolios and directly held financial instruments. The Portfolio uses a prescribed asset allocation strategy involving a two-step process. 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 for these sub-classes. Sub-classes may be based on market capitalization, investment style (such as growth or value), or economic sector for equity securities, or maturity, duration, security type or credit rating for debt securities. 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 also enter into credit default swap agreements on security indexes. The

Portfolio may enter into standardized derivatives contracts traded on domestic or foreign securities exchanges, boards of trade, or similar entities, and non-standardized derivatives contracts traded in the over-the-counter market.

The Portfolio will generally make the following allocations between the broad asset categories listed below.

<b>Broad Asset Category</b>	<b>Target Allocation</b>	<b>Allocation Range</b>
Equity Securities.....	95%	75-100%
Debt Securities.....	5%	0-25%

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. Thrivent Financial for Lutherans, the Portfolio's adviser ("Thrivent Financial" or the "Adviser"), will rebalance the Portfolio at least annually so that its holdings are within the ranges for the broad asset categories.

The names of the Underlying Portfolios which are currently available for investment by the Portfolio are also shown in the list below. The list is provided for information purposes only. The Adviser may change the Underlying Portfolios without shareholder approval or advance notice to shareholders. The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee.

#### **Equity Securities**

- Small Cap
  - Thrivent Small Cap Stock Portfolio
- Mid Cap
  - Thrivent Mid Cap Stock Portfolio
- Large Cap
  - Thrivent Large Cap Growth Portfolio
  - Thrivent Large Cap Value Portfolio
  - Thrivent Large Cap Stock Portfolio
- Other
  - Thrivent Real Estate Securities Portfolio
  - Thrivent Partner Worldwide Allocation Portfolio
  - Thrivent Partner Emerging Markets Equity Portfolio
  - Thrivent Low Volatility Equity Portfolio

#### **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

#### **Short-Term Debt Securities**

- Money Market
  - Thrivent Money Market Portfolio
  - Thrivent Cash Management Trust

## *Principal Risks*

The Portfolio is subject to the following principal investment risks. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

**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. Underperformance in the equity markets would have a material adverse effect on the Portfolio's total return given its significant allocation to equity securities. 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.

**Underlying Portfolio Risk.** The performance of the Portfolio is dependent, in part, upon the performance of the Underlying Portfolios in which the Portfolio invests. As a result, the Portfolio is subject to the same risks as those faced by the Underlying Portfolios.

**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.

**Issuer Risk.** Issuer risk is the possibility that factors specific to a company to which the Portfolio is exposed will affect the market prices of the company's securities and therefore the value of the Portfolio. Some factors affecting the performance of a company include demand for the company's products or services, the quality of management of the company and brand recognition and loyalty. Common stock of a company is subordinate to other securities issued by the company.

**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment. From time to time, equity investments may fall out of favor as compared to investments in debt securities, and vice versa. Small, less seasoned companies and medium-size companies often have greater price volatility, lower trading volume, and less liquidity than larger, more-established companies.

**Foreign Securities Risk.** Foreign securities are generally more volatile than their domestic counterparts, in part because of higher political and

economic risks, lack of reliable information and fluctuations in currency exchange rates. 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. All of these risks may be heightened for securities of issuers located in, or with significant operations in, emerging market countries.

**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.

**Derivatives Risk.** The use of derivatives (such as futures and swaps) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. 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. Derivatives are also subject to the risk that the other party in the transaction will not fulfill its contractual obligations.

**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.

**Credit Risk.** Credit risk is the risk that an issuer of a bond to which the Portfolio is exposed may no longer be able to pay its debt. As a result of such an event, the bond 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.

**Interest Rate Risk.** Interest rate risk is the risk that bond prices decline in value when interest rates rise for bonds that pay a fixed rate of interest. Bonds with longer durations or maturities tend to be more sensitive to changes in interest rates than bonds with shorter durations or maturities. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some securities.

**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 Adviser 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.

## *Volatility and Performance*

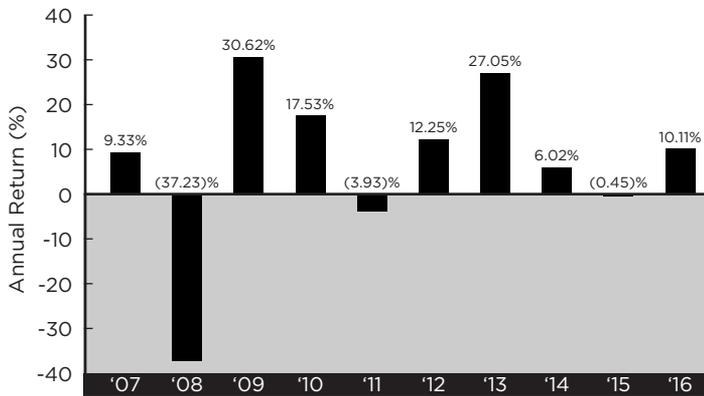
The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio's performance from year to year and by showing how the Portfolio's average annual returns for one-, five- and ten-year periods compared to broad-based securities market indices. These indices are the S&P 500 Index, which measures the performance of 500 widely held, publicly traded stocks, the Bloomberg Barclays U.S. Aggregate Bond Index, which measures the performance of U.S. investment grade bonds, and the MSCI All Country World Index ex-USA—USD Net Returns, which measures the performance of stock markets in developed and emerging markets countries throughout the world (excluding the U.S.). Call (800)

THRIVENT (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.

### YEAR-BY-YEAR TOTAL RETURN



Best Quarter:	Q2 '09	+17.99%
Worst Quarter:	Q4 '08	(21.69)%

AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)			
Thrivent Aggressive Allocation Portfolio	1 Year	5 Years	10 Years
	10.11%	10.63%	5.31%
S&P 500 Index (reflects no deduction for fees, expenses or taxes)	11.96%	14.66%	6.95%
Bloomberg Barclays U.S. Aggregate Bond Index (reflects no deduction for fees, expenses or taxes)	2.65%	2.23%	4.34%
MSCI All Country World Index ex-USA - USD Net Returns (reflects no deduction for fees, expenses or taxes)	4.50%	5.00%	0.96%

## Management

### Investment Adviser(s)

The Portfolio is managed by Thrivent Financial.

### Portfolio Manager(s)

**Russell W. Swansen, David C. Francis, CFA** and **Mark L. Simenstad, CFA** have served as portfolio managers of the Portfolio since its inception in 2005. **Darren M. Bagwell, CFA** and **Stephen D. Lowe, CFA** have served as portfolio managers of the Portfolio since April of 2016. Mr. Swansen joined Thrivent Financial in 2003 and is the Chief Investment Officer of Thrivent Financial and Thrivent Asset Management, LLC and serves as the team leader. Mr. Francis is Vice President of Investment Equities and has been with Thrivent Financial since 2001. Mr. Simenstad is Vice President of Fixed Income Mutual Funds and Separate Accounts and has been with Thrivent Financial since 1999. Mr. Bagwell has been with Thrivent Financial since 2002 in an investment management capacity and currently is a Senior Equity Portfolio Manager. Mr. Lowe has been with Thrivent Financial since 1997 and has served as a portfolio manager since 2009.

### Other Information

For important tax information and information about financial intermediary compensation, please turn to "Information Pertaining to all Portfolios" on page 102 of this prospectus.

# Thrivent Moderately Aggressive Allocation Portfolio

## Investment Objective

Thrivent Moderately Aggressive Allocation 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. Because the Portfolio invests, in part, in other Thrivent mutual funds (the “Underlying Portfolios”), you will bear: (1) the fees and expenses directly incurred by the Portfolio itself, and (2) the expenses associated with the Portfolio’s investments in the Underlying Portfolios. 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)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.66%
Other Expenses	0.03%
Acquired Portfolio (Underlying Portfolio) Fees and Expenses	0.25%
Total Annual Portfolio Operating Expenses	0.94%
Less Fee Waivers and/or Expense Reimbursements <sup>1</sup>	0.22%
Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements	0.72%

<sup>1</sup> The Adviser 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 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. 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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Moderately Aggressive Allocation Portfolio	\$74	\$278	\$499	\$1,135

## Portfolio Turnover

The Portfolio pays transaction costs, such as commissions, when it buys and sells securities (or “turns over” its portfolio), except that it does not pay transaction costs for buying and selling shares of the Underlying Portfolios. 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. The Portfolio’s portfolio turnover rate does not reflect the portfolio turnover rate of the Underlying Portfolios. While the Portfolio does not pay transaction costs for buying and selling shares of the Underlying Portfolios, the Portfolio will indirectly bear the expenses associated with portfolio turnover of the Underlying Portfolios.

## Principal Strategies

The Portfolio pursues its objective by investing in a combination of Underlying Portfolios and directly held financial instruments. The Portfolio uses a prescribed asset allocation strategy involving a two-step process. 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 for these sub-classes. Sub-classes may be based on market capitalization, investment style (such as growth or value), or economic sector for equity securities, or maturity, duration, security type or credit rating for debt securities. 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 also enter into credit

default swap agreements on security indexes. The Portfolio may enter into standardized derivatives contracts traded on domestic or foreign securities exchanges, boards of trade, or similar entities, and non-standardized derivatives contracts traded in the over-the-counter market.

The Portfolio will generally make the following allocations between the broad asset categories listed below.

<b>Broad Asset Category</b>	<b>Target Allocation</b>	<b>Allocation Range</b>
Equity Securities.....	77%	55-90%
Debt Securities.....	23%	10-40%

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 names of the Underlying Portfolios which are currently available for investment by the Portfolio are also shown in the list below. The list is provided for information purposes only. The Adviser may change the Underlying Portfolios without shareholder approval or advance notice to shareholders. The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee.

**Equity Securities**

- Small Cap
  - Thrivent Small Cap Stock Portfolio
- Mid Cap
  - Thrivent Mid Cap Stock Portfolio
- Large Cap
  - Thrivent Large Cap Growth Portfolio
  - Thrivent Large Cap Value Portfolio
  - Thrivent Large Cap Stock Portfolio
- Other
  - Thrivent Real Estate Securities Portfolio
  - Thrivent Partner Worldwide Allocation Portfolio
  - Thrivent Partner Emerging Markets Equity Portfolio
  - Thrivent Low Volatility Equity Portfolio

**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

**Short-Term Debt Securities**

- Money Market
  - Thrivent Money Market Portfolio
  - Thrivent Cash Management Trust

**Principal Risks**

The Portfolio is subject to the following principal investment risks. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

**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. Underperformance in the equity markets would have a material adverse effect on the Portfolio's total return given its significant allocation to equity securities. 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.

**Underlying Portfolio Risk.** The performance of the Portfolio is dependent, in part, upon the performance of the Underlying Portfolios in which the Portfolio invests. As a result, the Portfolio is subject to the same risks as those faced by the Underlying Portfolios.

**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.

**Issuer Risk.** Issuer risk is the possibility that factors specific to a company to which the Portfolio is exposed will affect the market prices of the company's securities and therefore the value of the Portfolio. Common stock of a company is subordinate to other securities issued by the company. If a company becomes insolvent, interests of investors owning common stock will be subordinated to the interests of other investors in, and general creditors of, the company.

**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment. From time to time, equity investments may fall out of favor as compared to investments in debt securities, and vice versa. Small, less seasoned companies and medium-size companies often have greater price volatility, lower trading volume, and less liquidity than larger, more-established companies.

**Foreign Securities Risk.** Foreign securities are generally more volatile than their domestic counterparts, in part because of higher political and

economic risks, lack of reliable information and fluctuations in currency exchange rates. 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. All of these risks may be heightened for securities of issuers located in, or with significant operations in, emerging market countries.

**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.

**Derivatives Risk.** The use of derivatives (such as futures and swaps) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. 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. Derivatives are also subject to the risk that the other party in the transaction will not fulfill its contractual obligations.

**Credit Risk.** Credit risk is the risk that an issuer of a bond to which the Portfolio is exposed may no longer be able to pay its debt. As a result of such an event, the bond 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.

**Interest Rate Risk.** Interest rate risk is the risk that bond prices decline in value when interest rates rise for bonds that pay a fixed rate of interest. Bonds with longer durations or maturities tend to be more sensitive to changes in interest rates than bonds with shorter durations or maturities. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some securities.

**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 Adviser 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.

## *Volatility and Performance*

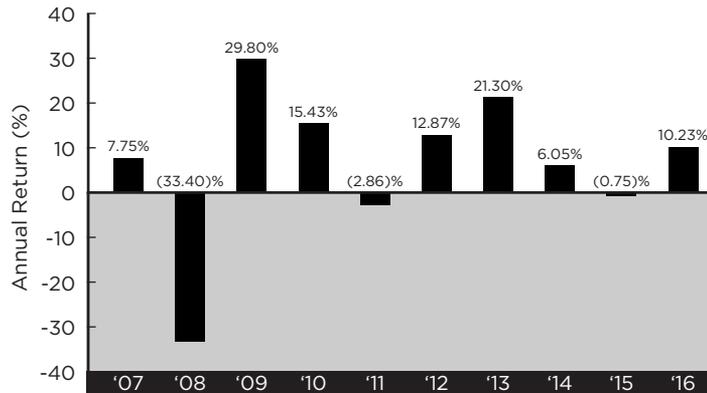
The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio's performance from year to year and by showing how the Portfolio's average annual returns for one-, five- and ten-year periods compared to broad-based securities market indices. These indices are the S&P 500 Index, which measures the performance of 500 widely held, publicly traded stocks, the Bloomberg Barclays U.S. Aggregate Bond Index, which measures the performance of U.S. investment grade bonds, and the MSCI All Country World Index ex-USA—USD Net Returns, which measures the performance of stock markets in developed and emerging markets countries throughout the world (excluding the U.S.). Call (800) THRIVENT (847-4836) or visit [Thrivent.com](http://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.

### YEAR-BY-YEAR TOTAL RETURN



Best Quarter:	Q2 '09	+17.17%
Worst Quarter:	Q4 '08	(19.32)%

AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)			
Thrivent Moderately Aggressive Allocation Portfolio	1 Year	5 Years	10 Years
	10.23%	9.70%	5.19%
S&P 500 Index (reflects no deduction for fees, expenses or taxes)	11.96%	14.66%	6.95%
Bloomberg Barclays U.S. Aggregate Bond Index (reflects no deduction for fees, expenses or taxes)	2.65%	2.23%	4.34%
MSCI All Country World Index ex-USA - USD Net Returns (reflects no deduction for fees, expenses or taxes)	4.50%	5.00%	0.96%

## Management

### Investment Adviser(s)

The Portfolio is managed by Thrivent Financial.

### Portfolio Manager(s)

**Russell W. Swansen, David C. Francis, CFA** and **Mark L. Simenstad, CFA** have served as portfolio managers of the Portfolio since its inception in 2005. **Darren M. Bagwell, CFA** and **Stephen D. Lowe, CFA** have served as portfolio managers of the Portfolio since April of 2016. Mr. Swansen joined Thrivent Financial in 2003 and is the Chief Investment Officer of Thrivent Financial and Thrivent Asset Management, LLC and serves as the team leader. Mr. Francis is Vice President of Investment Equities and has been with

Thrivent Financial since 2001. Mr. Simenstad is Vice President of Fixed Income Mutual Funds and Separate Accounts and has been with Thrivent Financial since 1999. Mr. Bagwell has been with Thrivent Financial since 2002 in an investment management capacity and currently is a Senior Equity Portfolio Manager. Mr. Lowe has been with Thrivent Financial since 1997 and has served as a portfolio manager since 2009.

### Other Information

For important tax information and information about financial intermediary compensation, please turn to "Information Pertaining to all Portfolios" on page 102 of this prospectus.

# Thrivent Moderate Allocation Portfolio

## Investment Objective

Thrivent Moderate Allocation 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. Because the Portfolio invests, in part, in other Thrivent mutual funds (the “Underlying Portfolios”), you will bear: (1) the fees and expenses directly incurred by the Portfolio itself, and (2) the expenses associated with the Portfolio’s investments in the Underlying Portfolios. 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)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.60%
Other Expenses	0.02%
Acquired Portfolio (Underlying Portfolio) Fees and Expenses	0.18%
Total Annual Portfolio Operating Expenses	0.80%
Less Fee Waivers and/or Expense Reimbursements <sup>1</sup>	0.16%
Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements	0.64%

<sup>1</sup> The Adviser 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 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. 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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Moderate Allocation Portfolio	\$65	\$239	\$428	\$975

## Portfolio Turnover

The Portfolio pays transaction costs, such as commissions, when it buys and sells securities (or “turns over” its portfolio), except that it does not pay transaction costs for buying and selling shares of the Underlying Portfolios. 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 159% of the average value of its portfolio. The Portfolio’s portfolio turnover rate does not reflect the portfolio turnover rate of the Underlying Portfolios. While the Portfolio does not pay transaction costs for buying and selling shares of the Underlying Portfolios, the Portfolio will indirectly bear the expenses associated with portfolio turnover of the Underlying Portfolios.

## Principal Strategies

The Portfolio pursues its objective by investing in a combination of Underlying Portfolios and directly held financial instruments. The Portfolio uses a prescribed asset allocation strategy involving a two-step process. 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 for these sub-classes. Sub-classes may be based on market capitalization, investment style (such as growth or value), or economic sector for equity securities, or maturity, duration, security type or credit rating for debt securities. 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 also enter into credit

default swap agreements on security indexes. The Portfolio may enter into standardized derivatives contracts traded on domestic or foreign securities exchanges, boards of trade, or similar entities, and non-standardized derivatives contracts traded in the over-the-counter market.

The Portfolio will generally make the following allocations between the broad asset categories listed below.

<b>Broad Asset Category</b>	<b>Target Allocation</b>	<b>Allocation Range</b>
Equity Securities.....	57%	35-75%
Debt Securities.....	43%	25-55%

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 names of the Underlying Portfolios which are currently available for investment by the Portfolio are also shown in the list below. The list is provided for information purposes only. The Adviser may change the Underlying Portfolios without shareholder approval or advance notice to shareholders. The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee.

**Equity Securities**

- Small Cap
  - Thrivent Small Cap Stock Portfolio
- Mid Cap
  - Thrivent Mid Cap Stock Portfolio
- Large Cap
  - Thrivent Large Cap Growth Portfolio
  - Thrivent Large Cap Value Portfolio
  - Thrivent Large Cap Stock Portfolio
- Other
  - Thrivent Real Estate Securities Portfolio
  - Thrivent Partner Worldwide Allocation Portfolio
  - Thrivent Partner Emerging Markets Equity Portfolio
  - Thrivent Low Volatility Equity Portfolio

**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

**Short-Term Debt Securities**

- Money Market
  - Thrivent Money Market Portfolio
  - Thrivent Cash Management Trust

*Principal Risks*

The Portfolio is subject to the following principal investment risks. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

**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. Underperformance in the equity markets or debt markets would have a material adverse effect on the Portfolio's total return given its significant allocation to both equity securities and debt securities. 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.

**Underlying Portfolio Risk.** The performance of the Portfolio is dependent, in part, upon the performance of the Underlying Portfolios in which the Portfolio invests. As a result, the Portfolio is subject to the same risks as those faced by the Underlying Portfolios.

**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.

**Issuer Risk.** Issuer risk is the possibility that factors specific to a company to which the Portfolio is exposed will affect the market prices of the company's securities and therefore the value of the Portfolio. Common stock of a company is subordinate to other securities issued by the company. If a company becomes insolvent, interests of investors owning common stock will be subordinated to the interests of other investors in, and general creditors of, the company.

**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment. From time to time, equity investments may fall out of favor as compared to investments in debt securities, and vice versa. Small, less seasoned companies and medium-size companies often have greater price volatility, lower trading volume, and less liquidity than larger, more-established companies.

**Foreign Securities Risk.** Foreign securities are generally more volatile than their domestic counterparts, in part because of higher political and

economic risks, lack of reliable information and fluctuations in currency exchange rates. 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. All of these risks may be heightened for securities of issuers located in, or with significant operations in, emerging market countries.

**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.

**Derivatives Risk.** The use of derivatives (such as futures and swaps) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. 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. Derivatives are also subject to the risk that the other party in the transaction will not fulfill its contractual obligations.

**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.

**Credit Risk.** Credit risk is the risk that an issuer of a bond to which the Portfolio is exposed may no longer be able to pay its debt. As a result of such an event, the bond 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.

**Interest Rate Risk.** Interest rate risk is the risk that bond prices decline in value when interest rates rise for bonds that pay a fixed rate of interest. Bonds with longer durations or maturities tend to be more sensitive to changes in interest rates than bonds with shorter durations or maturities. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some securities.

**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 Adviser 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.

**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.

## *Volatility and Performance*

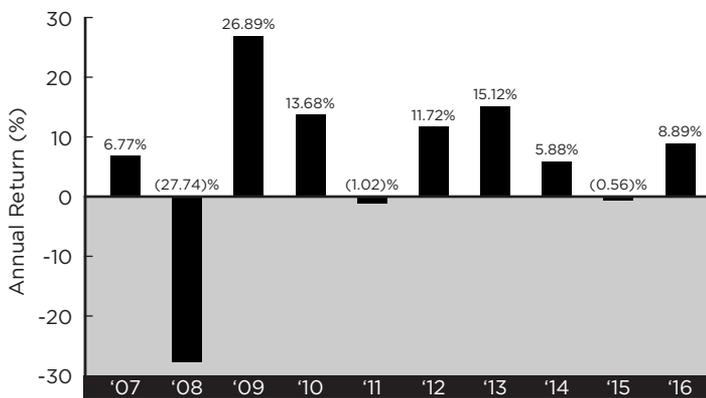
The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio's performance from year to year and by showing how the Portfolio's average annual returns for one-, five- and ten-year periods compared to

broad-based securities market indices. These indices are the S&P 500 Index, which measures the performance of 500 widely held, publicly traded stocks, the Bloomberg Barclays U.S. Aggregate Bond Index, which measures the performance of U.S. investment grade bonds, and the MSCI All Country World Index ex-USA—USD Net Returns, which measures the performance of stock markets in developed and emerging markets countries throughout the world (excluding the U.S.). Call (800) THRIVENT (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.

### YEAR-BY-YEAR TOTAL RETURN



Best Quarter:	Q2 '09	+15.14%
Worst Quarter:	Q4 '08	(15.82)%

AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)			
Thrivent Moderate Allocation Portfolio	1 Year 8.89%	5 Years 8.08%	10 Years 4.97%
S&P 500 Index (reflects no deduction for fees, expenses or taxes)	11.96%	14.66%	6.95%
Bloomberg Barclays U.S. Aggregate Bond Index (reflects no deduction for fees, expenses or taxes)	2.65%	2.23%	4.34%
MSCI All Country World Index ex-USA - USD Net Returns (reflects no deduction for fees, expenses or taxes)	4.50%	5.00%	0.96%

## Management

### Investment Adviser(s)

The Portfolio is managed by Thrivent Financial.

### Portfolio Manager(s)

**Russell W. Swansen, David C. Francis, CFA** and **Mark L. Simenstad, CFA** have served as portfolio managers of the Portfolio since its inception in 2005. **Darren M. Bagwell, CFA** and **Stephen D. Lowe, CFA** have served as portfolio managers of the Portfolio since April of 2016. Mr. Swansen joined Thrivent Financial in 2003 and is the Chief Investment Officer of Thrivent Financial and Thrivent Asset Management, LLC and serves as the team leader. Mr. Francis is Vice President of Investment Equities and has been with Thrivent Financial since 2001. Mr. Simenstad is Vice President of Fixed Income Mutual Funds and Separate Accounts and has been with Thrivent Financial since 1999. Mr. Bagwell has been with Thrivent Financial since 2002 in an investment management capacity and currently is a Senior Equity Portfolio Manager. Mr. Lowe has been with Thrivent Financial since 1997 and has served as a portfolio manager since 2009.

## Other Information

For important tax information and information about financial intermediary compensation, please turn to "Information Pertaining to all Portfolios" on page 102 of this prospectus.

# Thrivent Moderately Conservative Allocation Portfolio

## Investment Objective

Thrivent Moderately Conservative Allocation 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. Because the Portfolio invests, in part, in other Thrivent mutual funds (the “Underlying Portfolios”), you will bear: (1) the fees and expenses directly incurred by the Portfolio itself, and (2) the expenses associated with the Portfolio’s investments in the Underlying Portfolios. 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)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.56%
Other Expenses	0.03%
Acquired Portfolio (Underlying Portfolio) Fees and Expenses	0.14%
Total Annual Portfolio Operating Expenses	0.73%
Less Fee Waivers and/or Expense Reimbursements <sup>1</sup>	0.12%
Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements	0.61%

<sup>1</sup> The Adviser 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 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. 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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Moderately Conservative Allocation Portfolio	\$62	\$221	\$394	\$895

## Portfolio Turnover

The Portfolio pays transaction costs, such as commissions, when it buys and sells securities (or “turns over” its portfolio), except that it does not pay transaction costs for buying and selling shares of the Underlying Portfolios. 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 211% of the average value of its portfolio. The Portfolio’s portfolio turnover rate does not reflect the portfolio turnover rate of the Underlying Portfolios. While the Portfolio does not pay transaction costs for buying and selling shares of the Underlying Portfolios, the Portfolio will indirectly bear the expenses associated with portfolio turnover of the Underlying Portfolios.

## Principal Strategies

The Portfolio pursues its objective by investing in a combination of Underlying Portfolios and directly held financial instruments. The Portfolio uses a prescribed asset allocation strategy involving a two-step process: the first step is the construction of a model for the allocation of the Portfolio’s assets across broad asset categories (namely, debt securities and equity securities). The second step involves the determination of sub-classes within the broad asset categories and target weightings for these sub-classes. Sub-classes may be based on maturity, duration, security type or credit rating for debt securities, or market capitalization, investment style (such as growth or value), or economic sector for equity securities. 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 also enter into credit

default swap agreements on security indexes. The Portfolio may enter into standardized derivatives contracts traded on domestic or foreign securities exchanges, boards of trade, or similar entities, and non-standardized derivatives contracts traded in the over-the-counter market.

The Portfolio will generally make the following allocations between the broad asset categories listed below.

<b>Broad Asset Category</b>	<b>Target Allocation</b>	<b>Allocation Range</b>
Debt Securities.....	63%	35-75%
Equity Securities.....	37%	25-65%

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 names of the Underlying Portfolios which are currently available for investment by the Portfolio are also shown in the list below. The list is provided for information purposes only. The Adviser may change the Underlying Portfolios without shareholder approval or advance notice to shareholders. The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee.

**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

**Equity Securities**

- Small Cap
  - Thrivent Small Cap Stock Portfolio
- Mid Cap
  - Thrivent Mid Cap Stock Portfolio
- Large Cap
  - Thrivent Large Cap Growth Portfolio
  - Thrivent Large Cap Value Portfolio
  - Thrivent Large Cap Stock Portfolio
- Other
  - Thrivent Partner Worldwide Allocation Portfolio
  - Thrivent Partner Emerging Markets Equity Portfolio
  - Thrivent Real Estate Securities Portfolio
  - Thrivent Low Volatility Equity Portfolio

**Short-Term Debt Securities**

- Money Market
  - Thrivent Money Market Portfolio
  - Thrivent Cash Management Trust

**Principal Risks**

The Portfolio is subject to the following principal investment risks. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

**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. Underperformance in the equity markets or debt markets would have a material adverse effect on the Portfolio's total returns given its significant allocation to equity securities and debt securities. 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.

**Underlying Portfolio Risk.** The performance of the Portfolio is dependent, in part, upon the performance of the Underlying Portfolios in which the Portfolio invests. As a result, the Portfolio is subject to the same risks as those faced by the Underlying Portfolios.

**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.

**Issuer Risk.** Issuer risk is the possibility that factors specific to a company to which the Portfolio is exposed will affect the market prices of the company's securities and therefore the value of the Portfolio. Common stock of a company is subordinate to other securities issued by the company. If a company becomes insolvent, interests of investors owning common stock will be subordinated to the interests of other investors in, and general creditors of, the company.

**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment. From time to time, debt investments may fall out of favor as compared to investments in equity securities, and vice versa. Small, less seasoned companies and medium-size companies often have greater price volatility, lower trading volume, and less liquidity than larger, more-established companies.

**Foreign Securities Risk.** Foreign securities are generally more volatile than their domestic counterparts, in part because of higher political and economic risks, lack of reliable information and

fluctuations in currency exchange rates. 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. All of these risks may be heightened for securities of issuers located in, or with significant operations in, emerging market countries.

**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.

**Derivatives Risk.** The use of derivatives (such as futures and swaps) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. 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. Derivatives are also subject to the risk that the other party in the transaction will not fulfill its contractual obligations.

**Credit Risk.** Credit risk is the risk that an issuer of a bond to which the Portfolio is exposed may no longer be able to pay its debt. As a result of such an event, the bond 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.

**Interest Rate Risk.** Interest rate risk is the risk that bond prices decline in value when interest rates rise for bonds that pay a fixed rate of interest. Bonds with longer durations or maturities tend to be more sensitive to changes in interest rates than bonds with shorter durations or maturities. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some securities.

**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 Adviser 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.

**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.

## *Volatility and Performance*

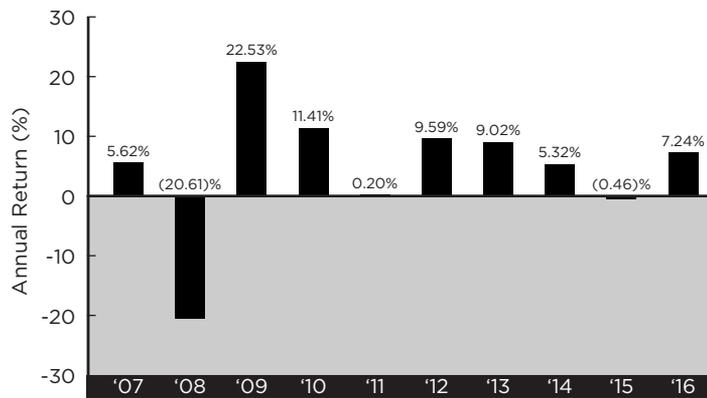
The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio's performance from year to year and by showing how the Portfolio's average annual returns for one-, five- and ten-year periods compared to broad-based securities market indices. These indices are the S&P 500 Index, which measures the performance of 500 widely held, publicly traded stocks, the Bloomberg Barclays U.S. Aggregate Bond Index, which measures the performance of U.S. investment grade bonds, and the MSCI All Country World Index ex-USA—USD Net Returns, which measures the performance of stock markets in developed and emerging markets countries throughout the world (excluding the U.S.). Call (800) THRIVENT (847-4836) or visit [Thrivent.com](http://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.

### YEAR-BY-YEAR TOTAL RETURN



Best Quarter:	Q2 '09	+11.68%
Worst Quarter:	Q4 '08	(11.52)%

AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)			
Thrivent Moderately Conservative Allocation Portfolio	1 Year	5 Years	10 Years
	7.24%	6.08%	4.42%
S&P 500 Index (reflects no deduction for fees, expenses or taxes)	11.96%	14.66%	6.95%
Bloomberg Barclays U.S. Aggregate Bond Index (reflects no deduction for fees, expenses or taxes)	2.65%	2.23%	4.34%
MSCI All Country World Index ex-USA - USD Net Returns (reflects no deduction for fees, expenses or taxes)	4.50%	5.00%	0.96%

## Management

### Investment Adviser(s)

The Portfolio is managed by Thrivent Financial.

### Portfolio Manager(s)

**Russell W. Swansen, David C. Francis, CFA** and **Mark L. Simenstad, CFA** have served as portfolio managers of the Portfolio since its inception in 2005. **Darren M. Bagwell, CFA** and **Stephen D. Lowe, CFA** have served as portfolio managers of the Portfolio since April of 2016. Mr. Swansen joined Thrivent Financial in 2003 and is the Chief Investment Officer of Thrivent Financial and Thrivent Asset Management, LLC and serves as the team leader. Mr. Francis is Vice President of Investment Equities and has been with Thrivent Financial since 2001. Mr. Simenstad is Vice President of Fixed Income Mutual Funds and Separate Accounts and has been with Thrivent Financial since 1999. Mr. Bagwell has been with Thrivent Financial since 2002 in an investment management capacity and currently is a Senior Equity Portfolio Manager. Mr. Lowe has been with Thrivent Financial since 1997 and has served as a portfolio manager since 2009.

### Other Information

For important tax information and information about financial intermediary compensation, please turn to "Information Pertaining to all Portfolios" on page 102 of this prospectus.

# Thrivent Growth and Income Plus Portfolio

## Investment Objective

Thrivent Growth and Income Plus Portfolio seeks long-term capital growth and 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.

SHAREHOLDER FEES (fees paid directly from your investment)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.65%
Other Expenses	0.35%
Acquired Portfolio (Underlying Portfolio) Fees and Expenses	0.03%
Total Annual Portfolio Operating Expenses	1.03%
Less Fee Waivers and/or Expense Reimbursements <sup>1</sup>	0.20%
Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements	0.83%

<sup>1</sup> The Adviser has contractually agreed, through at least April 30, 2018, to waive certain fees and/or reimburse certain expenses associated with the shares of the Thrivent Growth and Income Plus Portfolio in order to limit the Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements, if any, 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 reflects the effect of the contractual waiver for the time period in which it is in effect. 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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Growth and Income Plus Portfolio	\$85	\$308	\$549	\$1,241

## 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 129% 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:

Broad Asset Category	Target Allocation	Allocation Range
Equity Securities	70%	50-90%
Debt Securities	30%	10-50%

The equity securities in which the Portfolio invests are primarily income-producing and 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. Under normal circumstances, the Portfolio intends to invest in real estate investment trusts ("REITs").

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 utilize derivatives (such as futures and swaps) for investment exposure or hedging purposes, including credit default swap agreements on security indexes. The Portfolio may enter into standardized derivatives contracts traded on domestic or foreign securities exchanges, boards of trade, or similar entities, and non-standardized derivatives contracts traded in the over-the-counter market.

The Portfolio may invest in foreign securities, including those of issuers in emerging 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, including industry, sector, country and region indexes.

The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee.

The Adviser uses fundamental, quantitative and technical investment research techniques to determine what to buy and sell.

## *Principal Risks*

The Portfolio is subject to the following principal investment risks. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

**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. In particular, underperformance in the equity markets would have a material adverse effect on the Portfolios’ total return given their significant allocation to equity securities. 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.

**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.

**Credit Risk.** Credit risk is the risk that an issuer of a bond to which the Portfolio is exposed may no longer

be able to pay its debt. As a result of such an event, the bond may decline in price and affect the value of the Portfolio.

**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.

**Derivatives Risk.** The use of derivatives (such as futures and swaps) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. 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. Derivatives are also subject to the risk that the other party in the transaction will not fulfill its contractual obligations.

**Foreign Securities Risk.** Foreign securities are generally more volatile than their domestic counterparts, in part because of higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates. 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. All of these risks may be heightened for securities of issuers located in, or with significant operations in, emerging market countries.

**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.

**Interest Rate Risk.** Interest rate risk is the risk that bond prices decline in value when interest rates rise for bonds that pay a fixed rate of interest. Bonds with longer durations or maturities tend to be more sensitive to changes in interest rates than bonds with shorter durations or maturities. 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. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some 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.

**Issuer Risk.** Issuer risk is the possibility that factors specific to a company to which the Portfolio is exposed will affect the market prices of the company's securities and therefore the value of the Portfolio. Common stock of a company is subordinate to other securities issued by the company. If a company becomes insolvent, interests of investors owning common stock will be subordinated to the interests of other investors in, and general creditors of, the company.

**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.

**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. High-yield bonds and leveraged loans have a less liquid resale market. In addition, 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, the Adviser may have difficulty selling or disposing of securities quickly in certain markets or may only be able to sell the holdings at prices substantially less than what the Adviser believes they are worth.

**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.

**Mortgage-Related and Other Asset-Backed Securities Risk.** The value of mortgage-related 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.

**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.

**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.

**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. 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.

**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.

**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment. The value of the Portfolio’s shares may be affected by weak equity markets or changes in interest rate or bond yield levels. As a result, the value of the Portfolio’s shares may fluctuate significantly in the short term.

## *Volatility and Performance*

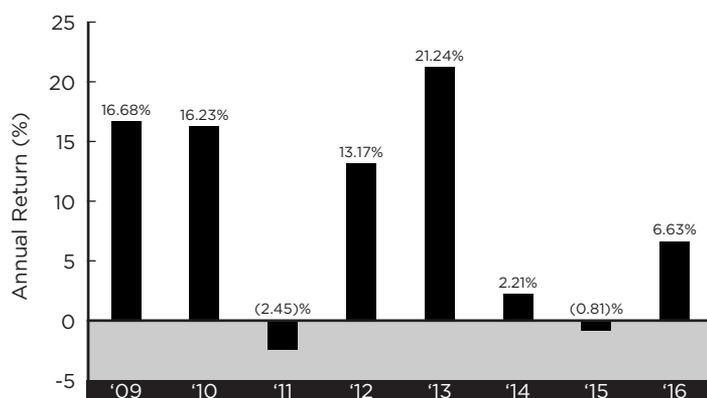
The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio’s performance from year to year and by showing how the Portfolio’s average annual returns for one-year and five-year periods and since inception compared to broad-based securities market indices. These indices are the MSCI World Index—USD Net Returns, which measures the performance of stock markets in developed countries throughout the world, the Bloomberg Barclays U.S. Mortgage-Backed Securities Index, which covers the mortgage-backed securities component of the Bloomberg Barclays U.S. Aggregate Bond Index, Bloomberg Barclays U.S. High Yield Ba/B 2% Issuer Capped Index, which represents the performance of high yield corporate bonds rated Ba or B, with a maximum allocation of 2% to any one issuer, and the S&P/LSTA Leveraged Loan Index, which reflects the performance of the largest facilities in the leveraged loan market. The Portfolio no longer compares its returns against the Barclays U.S. High Yield Loan Index because the index has been decommissioned; performance is no longer available after September 30, 2016. Call (800) THRIVENT (847-4836) or visit [Thrivent.com](http://Thrivent.com) for performance results current to the most recent month-end.

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 income-producing equity securities to one which invests in a combination of equity securities and debt securities. At the same time, the Portfolio’s name changed from Thrivent Equity Income Plus Portfolio to Thrivent Growth and 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 Growth and Income Plus Portfolio.

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.

## YEAR-BY-YEAR TOTAL RETURN



Best Quarter:	Q2 '09	+14.48%
Worst Quarter:	Q3 '11	(16.30)%

### AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)

	1 Year	5 Years	Since Inception (4/30/08)
Thrivent Growth and Income Plus Portfolio	6.63%	8.20%	3.80%
MSCI World Index-USD Net Returns (reflects no deduction for fees, expenses or taxes)	7.51%	10.41%	3.91%
Bloomberg Barclays U.S. Mortgage-Backed Securities Index (reflects no deduction for fees, expenses or taxes)	1.67%	2.06%	3.84%
Bloomberg Barclays U.S. High Yield Ba/B 2% Issuer Capped Index (reflects no deduction for fees, expenses or taxes)	14.09%	7.00%	7.60%
S&P/LSTA Leveraged Loan Index (reflects no deduction for fees, expenses or taxes)	10.16%	5.11%	5.40%

## Management

### Investment Adviser(s)

The Portfolio is managed by Thrivent Financial.

### Portfolio Manager(s)

**Stephen D. Lowe, CFA** has served as a portfolio manager of the Portfolio since 2013. **Mark L. Simenstad, CFA, Noah J. Monsen, CFA,** and **Reginald L. Pfeifer, CFA** have served as portfolio managers of the Portfolio since 2015. **John T. Groton, Jr., CFA** has served as a portfolio manager of the Portfolio since 2016. Mr. Lowe has been with Thrivent Financial since 1997 and has served as a portfolio manager since 2009. Mr. Simenstad is Vice President of Fixed Income Mutual Funds and Separate Accounts 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. Pfeifer has been with Thrivent Financial since 1990 and has served as an equity portfolio manager since 2003. Mr. Groton has been with Thrivent Financial since 2007 in an investment management capacity and currently is the firm's Director of Equity Research.

### Other Information

For important tax information and information about financial intermediary compensation, please turn to "Information Pertaining to all Portfolios" on page 102 of this prospectus.

# Thrivent Balanced Income Plus Portfolio

## Investment Objective

The Thrivent Balanced Income Plus 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)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.55%
Other Expenses	0.11%
Acquired Portfolio (Underlying Portfolio) Fees and Expenses	0.04%
Total Annual Portfolio Operating Expenses	0.70%

**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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Balanced Income Plus Portfolio	\$72	\$224	\$390	\$871

## 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 140% 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:

Broad Asset Category	Target Allocation	Allocation Range
Equity Securities.....	50%	25-75%
Debt Securities.....	50%	25-75%

The equity securities in which the Portfolio invests are primarily income-producing and 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. Under normal circumstances, the Portfolio intends to invest in real estate investment trusts ("REITs").

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 utilize derivatives (such as futures and swaps) for investment exposure or hedging purposes, including credit default swap agreements on security indexes. The Portfolio may enter into standardized derivatives contracts traded on domestic or foreign securities exchanges, boards of trade, or similar

entities, and non-standardized derivatives contracts traded in the over-the-counter market.

The Portfolio may invest in foreign securities, including those of issuers in emerging 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, including industry, sector, country and region indexes.

The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee.

The Adviser uses fundamental, quantitative and technical investment research techniques to determine what to buy and sell.

### *Principal Risks*

The Portfolio is subject to the following principal investment risks. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

**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. Underperformance in the equity markets or debt markets would have a material adverse effect on the Portfolio’s total return given its significant allocation to both equity securities and debt securities. 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.

**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.

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

**Derivatives Risk.** The use of derivatives (such as futures and swaps) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. 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. Derivatives are also subject to the risk that the other party in the transaction will not fulfill its contractual obligations.

**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.

**Foreign Securities Risk.** Foreign securities are generally more volatile than their domestic counterparts, in part because of higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates. 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. All of these risks may be heightened for securities of issuers located in, or with significant operations in, emerging market countries.

**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.

**Interest Rate Risk.** Interest rate risk is the risk that bond prices decline in value when interest rates rise for bonds that pay a fixed rate of interest. Bonds with longer durations or maturities tend to be more sensitive to changes in interest rates than bonds with shorter durations or maturities. 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. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some 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.

**Issuer Risk.** Issuer risk is the possibility that factors specific to a company to which the Portfolio is exposed will affect the market prices of the company's securities and therefore the value of the Portfolio. Common stock of a company is subordinate to other securities issued by the company. If a company becomes insolvent, interests of investors owning common stock will be subordinated to the interests of other investors in, and general creditors of, the company.

**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.

**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. High-yield bonds have a less liquid resale market. In addition, 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, the Adviser may have difficulty selling or disposing of securities quickly in certain markets or may only be able to sell the holdings at prices substantially less than what the Adviser believes they are worth.

**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.

**Mortgage-Related and Other Asset-Backed Securities Risk.** The value of mortgage-related 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.

**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.

**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.

**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. 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.

**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.

**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment. The value of the Portfolio's shares may be affected by weak equity markets or changes in interest rate or bond yield levels. As a result, the value of the Portfolio's shares may fluctuate significantly in the short term.

### *Volatility and 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. These indices are the MSCI World Index—USD Net Returns, which measures the performance of stock markets in

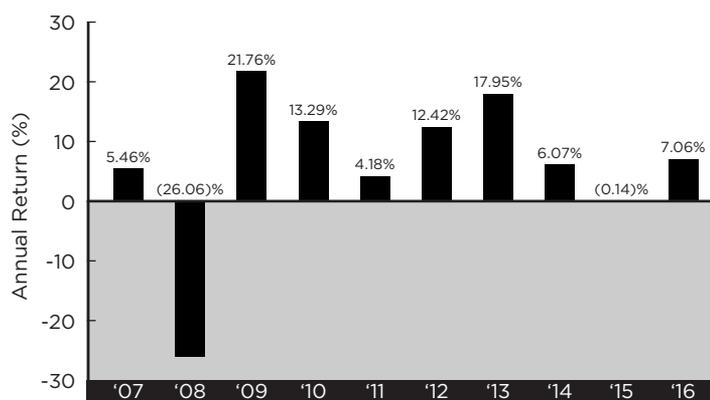
developed countries throughout the world, the Bloomberg Barclays U.S. Mortgage-Backed Securities Index, which covers the mortgage-backed securities component of the Bloomberg Barclays U.S. Aggregate Bond Index, the Bloomberg Barclays U.S. High Yield Ba/B 2% Issuer Capped Index, which represents the performance of high yield corporate bonds rated Ba or B, with a maximum allocation of 2% to any one issuer, and the S&P/LSTA Leveraged Loan Index, which reflects the performance of the largest facilities in the leveraged loan market. The Portfolio no longer compares its returns against the Barclays U.S. High Yield Loan Index because the index has been decommissioned; performance is no longer available after September 30, 2016. Call (800) THRIVENT (847-4836) or visit [Thrivent.com](http://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 the Thrivent Large Cap Index and the Thrivent Bond Index Portfolios 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.

## YEAR-BY-YEAR TOTAL RETURN



Best Quarter:	Q3 '09	+12.46%
Worst Quarter:	Q4 '08	(14.19)%

### AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)

	1 Year	5 Years	10 Years
Thrivent Balanced Income Plus Portfolio	7.06%	8.50%	5.36%
MSCI World Index-USD Net Returns (reflects no deduction for fees, expenses or taxes)	7.51%	10.41%	3.83%
Bloomberg Barclays U.S. Mortgage-Backed Securities Index (reflects no deduction for fees, expenses or taxes)	1.67%	2.06%	4.28%
Bloomberg Barclays U.S. High Yield Ba/B 2% Issuer Capped Index (reflects no deduction for fees, expenses or taxes)	14.09%	7.00%	7.06%
S&P/LSTA Leveraged Loan Index (reflects no deduction for fees, expenses or taxes)	10.16%	5.11%	4.64%

## Management

### Investment Adviser(s)

The Portfolio is managed by Thrivent Financial.

### Portfolio Manager(s)

**Stephen D. Lowe, CFA** has served as a portfolio manager of the Portfolio since 2013. **Mark L. Simenstad, CFA, Noah J. Monsen, CFA,** and **Reginald L. Pfeifer, CFA** have served as portfolio managers of the Portfolio since 2015. **John T. Groton, Jr., CFA** has served as a portfolio manager of the Portfolio since 2016. Mr. Lowe has been with Thrivent Financial since 1997 and has served as a portfolio manager since 2009. Mr. Simenstad is Vice President of Fixed Income Mutual Funds and Separate Accounts 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. Pfeifer has been with Thrivent Financial since 1990 and has served as an equity portfolio manager since 2003. Mr. Groton has been with Thrivent Financial since 2007 in an investment management capacity and currently is the firm's Director of Equity Research.

### Other Information

For important tax information and information about financial intermediary compensation, please turn to "Information Pertaining to all Portfolios" on page 102 of this prospectus.

# Thrivent Diversified Income Plus Portfolio

## Investment Objective

Thrivent Diversified Income Plus 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.

SHAREHOLDER FEES (fees paid directly from your investment)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.40%
Other Expenses	0.08%
Acquired Portfolio (Underlying Portfolio) Fees and Expenses	0.10%
Total Annual Portfolio Operating Expenses	0.58%

**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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Diversified Income Plus Portfolio	\$59	\$186	\$324	\$726

## 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 103% 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:

Broad Asset Category	Target Allocation	Allocation Range
Debt Securities.....	70%	50-90%
Equity Securities.....	30%	10-50%

The equity securities in which the Portfolio invests are primarily income-producing and 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. Under normal circumstances, the Portfolio intends to invest in real estate investment trusts ("REITs").

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 utilize derivatives (such as futures and swaps) for investment exposure or hedging purposes, including credit default swap agreements on security indexes. The Portfolio may enter into standardized derivatives contracts traded on domestic or foreign securities exchanges, boards of trade, or similar

entities, and non-standardized derivatives contracts traded in the over-the-counter market.

The Portfolio may invest in foreign securities, including those of issuers in emerging 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, including industry, sector, country and region indexes.

The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee.

The Adviser uses fundamental, quantitative and technical investment research techniques to determine what to buy and sell.

### *Principal Risks*

The Portfolio is subject to the following principal investment risks. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

**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. In particular, underperformance in the fixed income markets would have a material adverse effect on the Portfolio’s total return given its significant allocation to fixed income securities. 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.

**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.

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

**Derivatives Risk.** The use of derivatives (such as futures and swaps) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. 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. Derivatives are also subject to the risk that the other party in the transaction will not fulfill its contractual obligations.

**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.

**Foreign Securities Risk.** Foreign securities are generally more volatile than their domestic counterparts, in part because of higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates. 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. All of these risks may be heightened for securities of issuers located in, or with significant operations in, emerging market countries.

**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.

**Interest Rate Risk.** Interest rate risk is the risk that bond prices decline in value when interest rates rise for bonds that pay a fixed rate of interest. Bonds with longer durations or maturities tend to be more sensitive to changes in interest rates than bonds with shorter durations or maturities. 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. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some 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.

**Issuer Risk.** Issuer risk is the possibility that factors specific to a company to which the Portfolio is exposed will affect the market prices of the company's securities and therefore the value of the Portfolio. Common stock of a company is subordinate to other securities issued by the company. If a company becomes insolvent, interests of investors owning common stock will be subordinated to the interests of other investors in, and general creditors of, the company.

**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.

**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. High-yield bonds and leveraged loans have a less liquid resale market. In addition, 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, the Adviser may have difficulty selling or disposing of securities quickly in certain markets or may only be able to sell the holdings at prices substantially less than what the Adviser believes they are worth.

**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.

**Mortgage-Related and Other Asset-Backed Securities Risk.** The value of mortgage-related 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.

**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.

**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.

**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. 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.

**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment. The value of the Portfolio's shares may be affected by weak equity markets or changes in interest rate or bond yield levels. As a result, the value of the Portfolio's shares may fluctuate significantly in the short term.

### Volatility and Performance

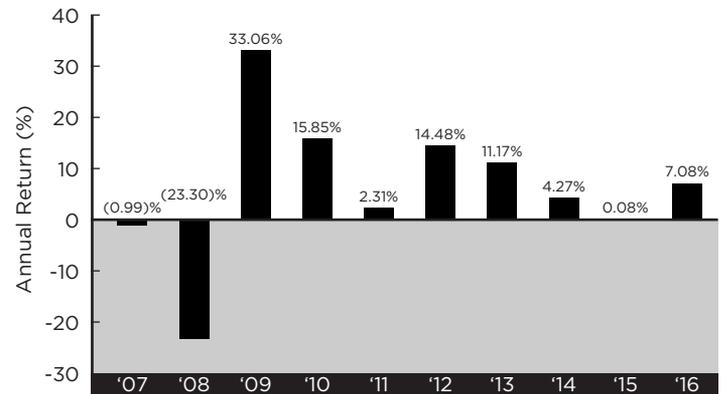
The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio's performance from year to year and by showing how the Portfolio's average annual returns for one-, five- and ten-year periods compared to broad-based securities market indices. These indices are the MSCI World Index—USD Net Returns, which measures the performance of stock markets in developed countries throughout the world, the Bloomberg Barclays U.S. Mortgage-Backed Securities Index, which covers the mortgage-backed securities component of the Bloomberg Barclays U.S. Aggregate Bond Index, the Bloomberg Barclays U.S. High Yield Ba/B 2% Issuer Capped Index, which represents the performance of high yield corporate bonds rated Ba or B, with a maximum allocation of 2% to any one issuer, and the S&P/LSTA Leveraged loan Index, which reflects the performance of the largest facilities in the leveraged loan market. The Portfolio no longer compares its returns against the Barclays U.S. High Yield Loan Index because the index has been decommissioned; performance is no longer available after September 30, 2016.

Call (800) THRIVENT (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.

### YEAR-BY-YEAR TOTAL RETURN



Best Quarter:	Q2 '09	+15.49%
Worst Quarter:	Q4 '08	(16.46)%

AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)			
Thrivent Diversified Income Plus Portfolio	1 Year	5 Years	10 Years
	7.08%	7.30%	5.48%
MSCI World Index-USD Net Returns (reflects no deduction for fees, expenses or taxes)	7.51%	10.41%	3.83%
Bloomberg Barclays U.S. Mortgage-Backed Securities Index (reflects no deduction for fees, expenses or taxes)	1.67%	2.06%	4.28%
Bloomberg Barclays U.S. High Yield Ba/B 2% Issuer Capped Index (reflects no deduction for fees, expenses or taxes)	14.09%	7.00%	7.06%
S&P/LSTA Leveraged Loan Index (reflects no deduction for fees, expenses or taxes)	10.16%	5.11%	4.64%

## *Management*

### *Investment Adviser(s)*

The Portfolio is managed by Thrivent Financial.

### *Portfolio Manager(s)*

**Mark L. Simenstad, CFA** has served as a portfolio manager of the Portfolio since 2006. **Stephen D. Lowe, CFA, Noah J. Monsen, CFA,** and **Reginald L. Pfeifer, CFA** have served as portfolio managers of the Portfolio since 2015. **John T. Groton, Jr., CFA** has served as a portfolio manager of the Portfolio since 2016. Mr. Simenstad is Vice President of Fixed Income Mutual Funds and Separate Accounts and has been with Thrivent Financial since 1999. Mr. Lowe 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. Pfeifer has been with Thrivent Financial since 1990 and has served as an equity portfolio manager since 2003. Mr. Groton has been with Thrivent Financial since 2007 in an investment management capacity and currently is the firm's Director of Equity Research.

### *Other Information*

For important tax information and information about financial intermediary compensation, please turn to "Information Pertaining to all Portfolios" on page 102 of this prospectus.

# Thrivent Opportunity Income Plus Portfolio

## Investment Objective

Thrivent Opportunity Income Plus 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.

SHAREHOLDER FEES (fees paid directly from your investment)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.50%
Other Expenses	0.19%
Acquired Portfolio (Underlying Portfolio) Fees and Expenses	0.06%
Total Annual Portfolio Operating Expenses	0.75%

**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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Opportunity Income Plus Portfolio	\$77	\$240	\$417	\$930

## 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 202% of the average value of its portfolio.

## Principal Strategies

Under normal circumstances, the Portfolio invests in a broad range of debt securities and may invest in equity securities to a limited extent as shown in the following table:

Broad Asset Category	Target Allocation	Allocation Range
Debt Securities.....	95%	50-100%
Equity Securities.....	5%	0-50%

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 utilize derivatives (such as futures and swaps) for investment exposure or hedging purposes, including credit default swap agreements on security indexes. The Portfolio may enter into standardized derivatives contracts traded on domestic or foreign securities exchanges, boards of trade, or similar entities, and non-standardized derivatives contracts traded in the over-the-counter market.

The Portfolio may invest in foreign securities, including those of issuers in emerging 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, including industry, sector, country and region indexes.

The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee.

The Adviser uses fundamental, quantitative and technical investment research techniques to determine what to buy and sell.

### *Principal Risks*

The Portfolio is subject to the following principal investment risks. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

**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. In particular, underperformance in the fixed income markets would have a material adverse effect on the Portfolio's total return given its significant allocation to fixed income securities. 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.

**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.

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

**Derivatives Risk.** The use of derivatives (such as futures and swaps) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. 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. Derivatives are also subject to the risk that the other party in the transaction will not fulfill its contractual obligations.

**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.

**Foreign Securities Risk.** Foreign securities are generally more volatile than their domestic counterparts, in part because of higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates. 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. All of these risks may be heightened for securities of issuers located in, or with significant operations in, emerging market countries.

**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.

**Interest Rate Risk.** Interest rate risk is the risk that bond prices decline in value when interest rates rise for bonds that pay a fixed rate of interest. Bonds with longer durations or maturities tend to be more sensitive to changes in interest rates than bonds with shorter durations or maturities. 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. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some 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.

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

**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. High-yield bonds and leveraged loans have a less liquid resale market. In addition, 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, the Adviser may have difficulty selling or disposing of securities quickly in certain markets or may only be able to sell the holdings at prices substantially less than what the Adviser believes they are worth.

**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.

**Mortgage-Related and Other Asset-Backed Securities Risk.** The value of mortgage-related 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.

**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.

**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.

**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment. Bonds may exhibit price fluctuations due to changes in interest rates or bond yield levels.

## *Volatility and 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. These indices are the Bloomberg Barclays U.S. Mortgage-Backed Securities Index, which covers the mortgage-backed securities component of the Bloomberg Barclays U.S. Aggregate Bond Index, the Bloomberg Barclays U.S. High Yield Ba/B 2% Issuer Capped Index, which represents the performance of high yield corporate bonds rated Ba or B, with a maximum allocation of 2% to any one issuer, and the S&P/LSTA Leveraged Loan Index, which reflects the performance of the largest facilities in the leveraged loan market. The Portfolio no longer compares its returns against the Barclays U.S. High Yield Loan Index

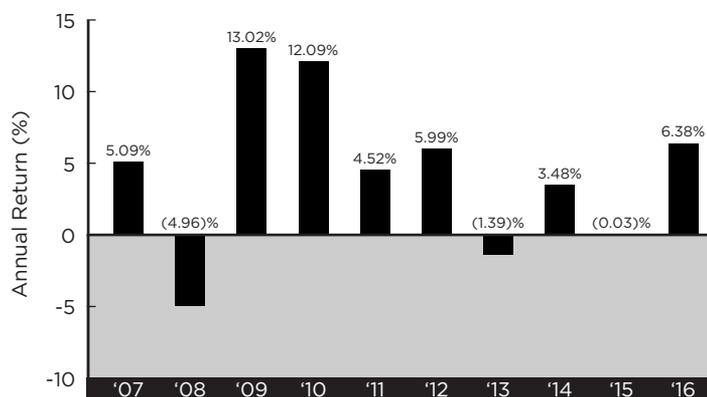
because the index has been decommissioned; performance is no longer available after September 30, 2016. Call (800) THRIVENT (847-4836) or visit Thrivent.com for performance results current to the most recent month-end.

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.

### YEAR-BY-YEAR TOTAL RETURN



Best Quarter:	Q3 '09	+7.17%
Worst Quarter:	Q4 '08	(3.33)%

AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)			
Thrivent Opportunity Income Plus Portfolio	1 Year 6.38%	5 Years 2.84%	10 Years 4.29%
Bloomberg Barclays U.S. Mortgage-Backed Securities Index (reflects no deduction for fees, expenses or taxes)	1.67%	2.06%	4.28%
Bloomberg Barclays U.S. High Yield Ba/B 2% Issuer Capped Index (reflects no deduction for fees, expenses or taxes)	14.09%	7.00%	7.06%
S&P/LSTA Leveraged Loan Index (reflects no deduction for fees, expenses or taxes)	10.16%	5.11%	4.64%

## Management

### Investment Adviser(s)

The Portfolio is managed by Thrivent Financial.

### Portfolio Manager(s)

**Gregory R. Anderson, CFA** has served as a portfolio manager of the Portfolio since 2003. **Michael G. Landreville, CFA, CPA (inactive)** and **Conrad E. Smith, CFA** have served as portfolio managers of the Portfolio since the 2013. **Paul J. Ocenasek, CFA** and **Kent L. White, CFA** have served as portfolio managers of the Portfolio since 2015. Mr. Anderson has been with Thrivent Financial since 1997 and has served as a portfolio manager since 2000. Mr. Landreville has been with Thrivent Financial since 1983 and has served as a portfolio manager since 1998. 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.

### Other Information

For important tax information and information about financial intermediary compensation, please turn to "Information Pertaining to all Portfolios" on page 102 of this prospectus.

# Thrivent Partner Healthcare Portfolio

## Investment Objective

Thrivent Partner Healthcare 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)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.89%
Other Expenses	0.10%
Total Annual Portfolio Operating Expenses	0.99%
Less Fee Waivers and/or Expense Reimbursements <sup>1</sup>	0.04%
Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements	0.95%

<sup>1</sup> The Adviser has contractually agreed, through at least April 30, 2018, to waive certain fees and/or reimburse certain expenses associated with the shares of the Thrivent Partner Healthcare Portfolio in order to limit the Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements, if any, 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 reflects the effect of the contractual waiver for the time period in which it is in effect. 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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Partner Healthcare Portfolio	\$97	\$311	\$543	\$1,209

## 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

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.

The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee.

Sectoral Asset Management, Inc., the Portfolio's subadviser, employs fundamental security analysis to individual companies that have been identified through a "bottom-up" approach. In selecting securities for the

Portfolio, the subadviser engages in primary research and focuses on the company's type of business, the company's pipeline of products and services in development, the financial strength of the company, the company's commitment to research and development, the validity and marketability of the company's products and services, and the company's valuations in the marketplace.

### *Principal Risks*

The Portfolio is subject to the following principal investment risks. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

**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.

**Issuer Risk.** Issuer risk is the possibility that factors specific to a company to which the Portfolio is exposed will affect the market prices of the company's securities and therefore the value of the Portfolio. Some factors affecting the performance of a company include demand for the company's products or services, the quality of management of the company and brand recognition and loyalty. Common stock of a company is subordinate to other securities issued by the company. If a company becomes insolvent, interests of investors owning common stock will be subordinated to the interests of other investors in, and general creditors of, the company.

**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment. Stocks of growth companies 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.

**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.

**Foreign Securities Risk.** Foreign securities are generally more volatile than their domestic counterparts, in part because of higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates. 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. All of these risks may be heightened for securities of issuers located in, or with significant operations in, emerging market countries.

**Small and Mid Cap Risk.** Small- and medium-sized companies often have greater price volatility, lower trading volumes, 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.

**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.

**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.

### *Volatility and 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- and five-year periods and since inception compared to a broad-based securities market index. The index is the MSCI World Healthcare Index, which is a capitalization-weighted index of selected health care stocks from around the world. Call (800) THRIVENT (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.

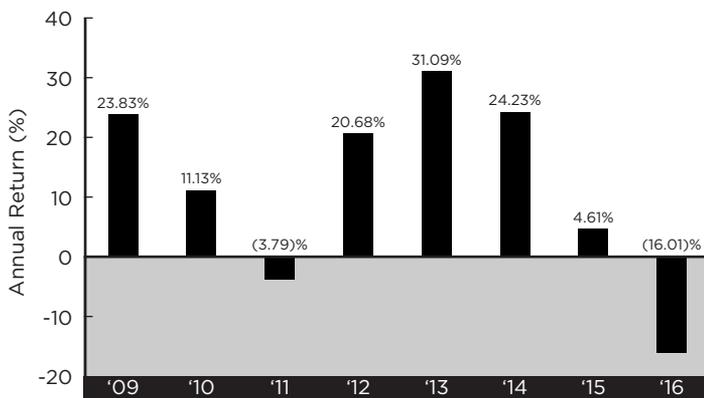
How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future.

Patten became a Managing Director of Sectoral. **Marc-André Marcotte, CFA** serves as back-up portfolio manager of the Portfolio. Mr. Marcotte joined Sectoral in 2006. He is responsible for overseeing the investment research activities at Sectoral. He is also responsible for the coverage of Medical Technology companies. In September 2013, Mr. Marcotte became a Managing Director of Sectoral Asset Management.

### Other Information

For important tax information and information about financial intermediary compensation, please turn to “Information Pertaining to all Portfolios” on page 102 of this prospectus.

### YEAR-BY-YEAR TOTAL RETURN



Best Quarter:	Q3 '09	+11.34%
Worst Quarter:	Q3 '11	(15.79)%

AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)			
Thrivent Partner Healthcare Portfolio	1 Year (16.01)%	5 Years 11.54%	Since Inception (4/30/08) 8.61%
MSCI World Healthcare Index - USD Net Returns (reflects no deduction for fees, expenses or taxes)	(6.81)%	13.44%	9.18%

## Management

### Investment Adviser(s)

The Portfolio is managed by Thrivent Financial. Thrivent Financial has engaged Sectoral Asset Management Inc. (“Sectoral”) to subadvise the Portfolio.

### Portfolio Manager(s)

**Stephan Patten, CFA** has served as the portfolio manager of the Portfolio since 2008. He joined Sectoral in 2001 as an Assistant Portfolio Manager and became a Portfolio Manager in 2004. In September 2013, Mr.

# Thrivent Partner Emerging Markets Equity Portfolio

## Investment Objective

Thrivent Partner Emerging Markets Equity 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)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	1.19%
Other Expenses	0.47%
Total Annual Portfolio Operating Expenses	1.66%
Less Fee Waivers and/or Expense Reimbursements <sup>1</sup>	0.36%
Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements	1.30%

<sup>1</sup> The Adviser has contractually agreed, through at least April 30, 2018, to waive certain fees and/or reimburse certain expenses associated with the shares of the Thrivent Partner Emerging Markets Equity Portfolio in order to limit the Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements, if any, to an annual rate of 1.30% 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 reflects the effect of the contractual waiver for the time period in which it is in effect. 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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Partner Emerging Markets Equity Portfolio	\$132	\$488	\$868	\$1,935

## 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 7% 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), 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;
- derives the highest concentration of its annual revenue or earnings or assets from goods produced, sales made or services performed in an emerging market country; and/or
- issues securities denominated in the currency of an emerging market country (and meets one of the other criteria set forth above).

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, Japan, Australia, New Zealand and most nations located in 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.

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 considers how a company's corporate governance and risk management practices may affect that company's long-term value. 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.

The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee.

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. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

**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.

**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.

**Issuer Risk.** Issuer risk is the possibility that factors specific to a company to which the Portfolio is exposed will affect the market prices of the company's securities and therefore the value of the Portfolio. Common stock of a company is subordinate to other securities issued by the company. If a company becomes insolvent, interests of investors owning common stock will be subordinated to the interests of other investors in, and general creditors of, the company.

**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment.

**Emerging Markets Risk.** The economic and political structures of developing countries, 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 in the midst of, among other things, hyperinflation, currency devaluation, trade disagreements, sudden political upheaval, or interventionist government policies. 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.

**Large Cap Risk.** Large cap 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 cushion returns in a falling market.

**Foreign Securities Risk.** Securities of foreign companies in which the Portfolio invests generally carry more risk than securities of U.S. companies. The economies and financial markets of certain regions – such as Latin America, Asia, Europe, and the Mediterranean region – can be highly interdependent and may decline at the same time. Other risks result from the varying stages of economic and political development of foreign countries; the differing regulatory environments, trading days, and accounting standards of foreign markets; and higher transaction costs. 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. The Portfolio is also subject to the risk that 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.

**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. Certain securities (*i.e.*, small-cap stocks and foreign securities) often have a less liquid resale market. As a result, the Adviser or subadviser may have difficulty selling or disposing of securities quickly in certain markets or may only be able to sell the holdings at prices substantially less than what the Adviser or subadviser believes they are worth.

**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.

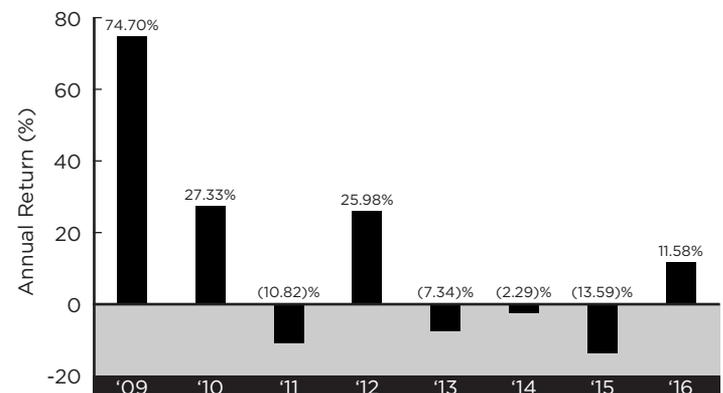
## Volatility and Performance

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- and five-year periods and since inception compared to a broad-based securities market index. The index is the MSCI Emerging Markets Index - USD Net Returns, which measures the performance of stock markets in developing countries throughout the world. Call (800) THRIVENT (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.

### YEAR-BY-YEAR TOTAL RETURN



Best Quarter:	Q2 '09	+42.46%
Worst Quarter:	Q3 '11	(17.20)%

AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)			
Thrivent Partner Emerging Markets Equity Portfolio	1 Year 11.58%	5 Years 1.92%	Since Inception (4/30/08) 2.42%
MSCI Emerging Markets Index USD Net Returns (reflects no deduction for fees, expenses or taxes)	11.19%	1.28%	(1.28)%

## *Management*

### *Investment Adviser(s)*

The Portfolio is managed by Thrivent Financial. Thrivent Financial 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 primarily responsible for day-to-day management. **Devan Kaloo** has managed the Portfolio since April 2008 and has been with Aberdeen since 2000. He is the Head of Global Emerging Markets/Global Head of Equities; he formerly served as a Senior Investment Manager on Aberdeen’s Asian Equity team. **Joanne Irvine** is the Head of Emerging Markets (ex-Asia), has managed the Portfolio since April 2008 and has been with Aberdeen since 1996. **Hugh Young** is Managing Director – Asia, has managed the Portfolio since April 2008 and has been with Aberdeen since 1985. **Mark Gordon-James, CFA**, is a Senior Investment Manager, has managed the Portfolio since April 2008 and has been with Aberdeen since 2004. **Flavia Cheong, CFA**, is Head of Equities – Asia (ex-Japan), has managed the Portfolio since April 2008 and has been with Aberdeen since 1996.

### *Other Information*

For important tax information and information about financial intermediary compensation, please turn to “Information Pertaining to all Portfolios” on page 102 of this prospectus.

# Thrivent Real Estate Securities Portfolio

## Investment Objective

The Thrivent Real Estate Securities 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.

SHAREHOLDER FEES (fees paid directly from your investment)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.80%
Other Expenses	0.10%
Total Annual Portfolio Operating Expenses	0.90%

**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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Real Estate Securities Portfolio	\$92	\$287	\$498	\$1,108

## 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

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.

The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee.

## Principal Risks

The Portfolio is subject to the following principal investment risks. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

**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.

**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.

**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. 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.

**Issuer Risk.** Issuer risk is the possibility that factors specific to a company to which the Portfolio is exposed will affect the market prices of the company’s securities and therefore the value of the Portfolio. Common stock of a company is subordinate to other securities issued by the company. If a company becomes insolvent, interests of investors owning common stock will be subordinated to the interests of other investors in, and general creditors of, the company.

**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment.

**Interest Rate Risk.** Interest rate risk is the risk that security prices (equity or fixed income) decline in value when interest rates rise. This 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. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some 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.

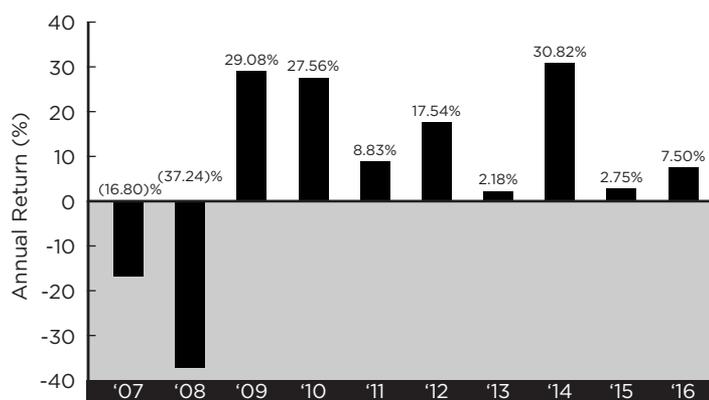
## *Volatility and Performance*

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 is the FTSE NAREIT All Equity REITs Index, which is a capitalization-weighted index of all equity real estate investment trusts. Call (800) THRIVENT (847-4836) or visit [Thrivent.com](http://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.

## YEAR-BY-YEAR TOTAL RETURN



Best Quarter: Q3 '09 +32.72%  
 Worst Quarter: Q4 '08 (37.82)%

### AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)

	1 Year	5 Years	10 Years
Thrivent Real Estate Securities Portfolio	7.50%	11.66%	4.97%
FTSE NAREIT All Equity REIT Index (reflects no deduction for fees, expenses or taxes)	8.63%	11.98%	5.07%

## Management

### Investment Adviser(s)

The Portfolio is managed by Thrivent Financial.

### Portfolio Manager(s)

**Reginald L. Pfeifer, CFA** has served as portfolio manager of the Portfolio since its inception in 2003. Mr. Pfeifer has been with Thrivent Financial since 1990 and has served as an equity portfolio manager since 2003. Previously, he was the Head of Mortgages and Real Estate from 2002 to 2003 and the Head of Fixed Income from 1998 to 2002.

### Other Information

For important tax information and information about financial intermediary compensation, please turn to "Information Pertaining to all Portfolios" on page 102 of this prospectus.

# Thrivent Small Cap Stock Portfolio

## Investment Objective

The Thrivent Small Cap Stock 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)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.67%
Other Expenses	0.06%
Acquired Portfolio (Underlying Portfolio) Fees and Expenses	0.01%
Total Annual Portfolio Operating Expenses	0.74%

**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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Small Cap Stock Portfolio	\$76	\$237	\$411	\$918

## 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 57% 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 securities of small companies. The Adviser focuses mainly in the securities of smaller companies which have market capitalizations similar to those companies included in widely known indices such as the S&P SmallCap 600 Index or the Russell 2000® Index. Should the Adviser determine that the Portfolio would benefit from reducing the percentage of its assets invested in securities of small companies from 80% to a lesser amount, 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. The Adviser looks for small companies that, in its opinion:

- have an improving fundamental outlook;
- have capable management; and
- are financially sound.

The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee.

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. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

**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.

**Issuer Risk.** Issuer risk is the possibility that factors specific to a company to which the Portfolio is exposed will affect the market prices of the company's securities and therefore the value of the Portfolio. Common stock of a company is subordinate to other securities issued by the company. If a company becomes insolvent, interests of investors owning common stock will be subordinated to the interests of other investors in, and general creditors of, the company.

**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 cushion returns in a falling market.

**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment.

**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. Small capitalization stocks often have a less liquid resale market. As a result, the Adviser may have difficulty selling or disposing of securities quickly in certain markets or may only be able to sell the holdings at prices substantially less than what the Adviser believes they are worth.

**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.

### Volatility and Performance

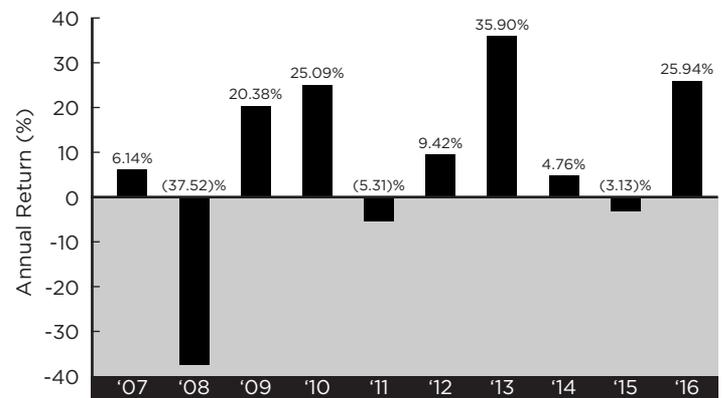
The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio's performance from year to year and by showing how the Portfolio's average annual returns for one-, five- and ten-year periods compared to a broad-based securities market index. The index is the S&P SmallCap 600 Index, which measures the small-cap segment of the U.S. equity market. The Portfolio now compares its returns to the S&P SmallCap 600 Index because the Portfolio's complex no longer uses Russell as an index provider. Call (800) THRIVENT (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.

### YEAR-BY-YEAR TOTAL RETURN



Best Quarter:	Q3 '09	+19.09%
Worst Quarter:	Q4 '08	(24.43)%

### AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)

	1 Year	5 Years	10 Years
Thrivent Small Cap Stock Portfolio	25.94%	13.70%	6.04%
S&P SmallCap 600 Index (reflects no deduction for fees, expenses or taxes)	26.56%	16.62%	9.03%
Russell 2000 Index (reflects no deduction for fees, expenses or taxes)	21.31%	14.46%	7.07%

### Management

#### Investment Adviser(s)

The Portfolio is managed by Thrivent Financial.

#### Portfolio Manager(s)

**Matthew D. Finn, CFA** has served as lead portfolio manager for the Portfolio since 2013. **James M. Tinucci, CFA** has served as the associate portfolio manager of the Portfolio since 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, and previously held various positions at Thrivent Financial from 2007 to 2012. Prior to rejoining Thrivent Financial, Mr. Tinucci was a manager at Deloitte Consulting.

### *Other Information*

For important tax information and information about financial intermediary compensation, please turn to “Information Pertaining to all Portfolios” on page 102 of this prospectus.

# Thrivent Small Cap Index Portfolio

## Investment Objective

Thrivent Small Cap Index 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.

SHAREHOLDER FEES (fees paid directly from your investment)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.20%
Other Expenses	0.08%
Total Annual Portfolio Operating Expenses	0.28%

**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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Small Cap Index Portfolio	\$29	\$90	\$157	\$356

## 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 21% 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. For liquidity reasons, the Portfolio may invest to some degree in money market instruments. The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee.

## Principal Risks

The Portfolio is subject to the following principal investment risks. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

**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.

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

of a company is subordinate to other securities issued by the company. If a company becomes insolvent, interests of investors owning common stock will be subordinated to the interests of other investors in, and general creditors of, the company.

**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 cushion returns in a falling market.

**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment.

**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. Certain securities (*i.e.*, small-cap stocks) often have a less liquid resale market. As a result, the Adviser may have difficulty selling or disposing of securities quickly in certain markets or may only be able to sell the holdings at prices substantially less than what the Adviser believes they are worth.

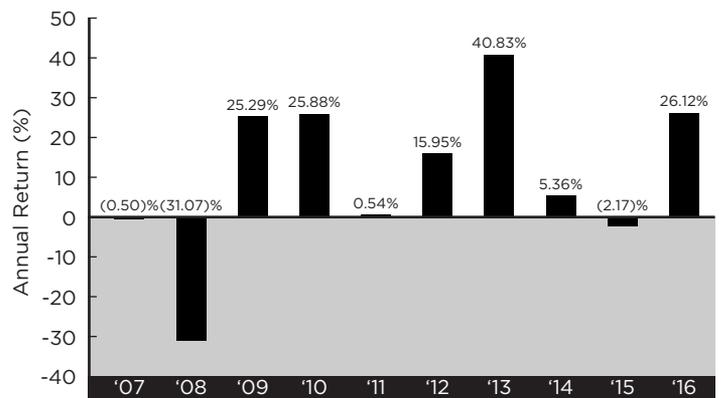
### Volatility and Performance

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 is the S&P SmallCap 600 Index, which measures the performance of a group of 600 small-cap stocks. Call (800) THRIVENT (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.

### YEAR-BY-YEAR TOTAL RETURN



Best Quarter:	Q2 '09	+21.04%
Worst Quarter:	Q4 '08	(25.15)%

### AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)

	1 Year	5 Years	10 Years
Thrivent Small Cap Index Portfolio	26.12%	16.25%	8.73%
S&P SmallCap 600 Index (reflects no deduction for fees, expenses or taxes)	26.56%	16.62%	9.03%

### Management

#### Investment Adviser(s)

The Portfolio is managed by Thrivent Financial.

#### Portfolio Manager(s)

**Kevin R. Brimmer, FSA** has served as portfolio manager to the Portfolio since 2002 and has been with Thrivent Financial since 1985.

### Other Information

For important tax information and information about financial intermediary compensation, please turn to "Information Pertaining to all Portfolios" on page 102 of this prospectus.

# Thrivent Mid Cap Stock Portfolio

## Investment Objective

Thrivent Mid Cap Stock 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)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.65%
Other Expenses	0.03%
Total Annual Portfolio Operating Expenses	0.68%

**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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Mid Cap Stock Portfolio	\$69	\$218	\$379	\$847

## 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

Under normal circumstances, the Portfolio invests at least 80% of its net assets (plus the amount of any borrowing for investment purposes) in securities of mid-sized companies. The Adviser focuses mainly on the securities of mid-sized companies which have market capitalizations similar to those included in widely known indices such as the Russell Midcap<sup>®</sup> Index or the S&P MidCap 400 Index. Should the Adviser determine that the Portfolio would benefit from reducing the percentage of its assets invested in mid cap securities from 80% to a lesser amount, you will be notified at least 60 days prior to such a 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. 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 Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee.

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. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

**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.

**Issuer Risk.** Issuer risk is the possibility that factors specific to a company to which the Portfolio is exposed will affect the market prices of the company's securities and therefore the value of the Portfolio. Common stock of a company is subordinate to other securities issued by the company. If a company becomes insolvent, interests of investors owning common stock will be subordinated to the interests of other investors in, and general creditors of, the company.

**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.

**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment.

**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.

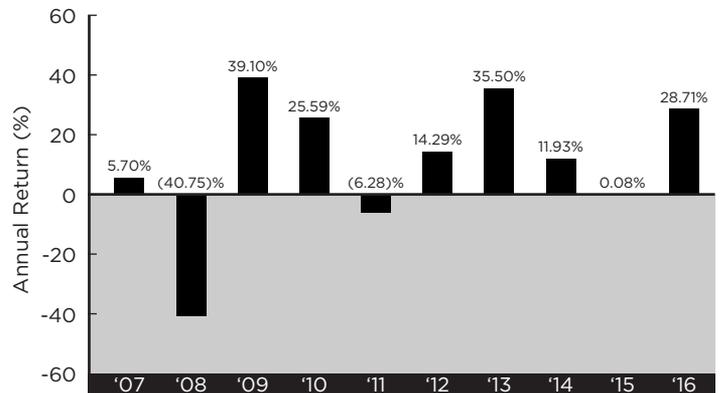
### Volatility and Performance

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 is the S&P MidCap 400 Index, which measures the performance of mid-sized companies. The Portfolio now compares its returns to the S&P MidCap 400 Index because the Portfolio's complex no longer uses Russell as an index provider. Call (800) THRIVENT (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.

### YEAR-BY-YEAR TOTAL RETURN



Best Quarter:	Q3 '09	+19.42%
Worst Quarter:	Q4 '08	(22.50)%

AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)			
Thrivent Mid Cap Stock Portfolio	1 Year	5 Years	10 Years
	28.71%	17.43%	8.63%
S&P MidCap 400 Index (reflects no deduction for fees, expenses or taxes)	20.74%	15.33%	9.16%
Russell Midcap Index (reflects no deduction for fees, expenses or taxes)	13.80%	14.72%	7.86%

### Management

#### Investment Adviser(s)

The Portfolio is managed by Thrivent Financial.

#### Portfolio Manager(s)

**Brian J. Flanagan, CFA** has been a portfolio manager of the Portfolio since 2004. He has been with Thrivent Financial since 1994 and a portfolio manager since 2000.

### Other Information

For important tax information and information about financial intermediary compensation, please turn to "Information Pertaining to all Portfolios" on page 102 of this prospectus.

# Thrivent Mid Cap Index Portfolio

## Investment Objective

The Thrivent Mid Cap Index 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.

SHAREHOLDER FEES (fees paid directly from your investment)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.20%
Other Expenses	0.10%
Total Annual Portfolio Operating Expenses	0.30%

**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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Mid Cap Index Portfolio	\$31	\$97	\$169	\$381

## 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 19% 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. For liquidity reasons, the Portfolio may invest, to some degree, in money market instruments. The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee.

## Principal Risks

The Portfolio is subject to the following principal investment risks. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

**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.

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

of a company is subordinate to other securities issued by the company. If a company becomes insolvent, interests of investors owning common stock will be subordinated to the interests of other investors in, and general creditors of, the company.

**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.

**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment.

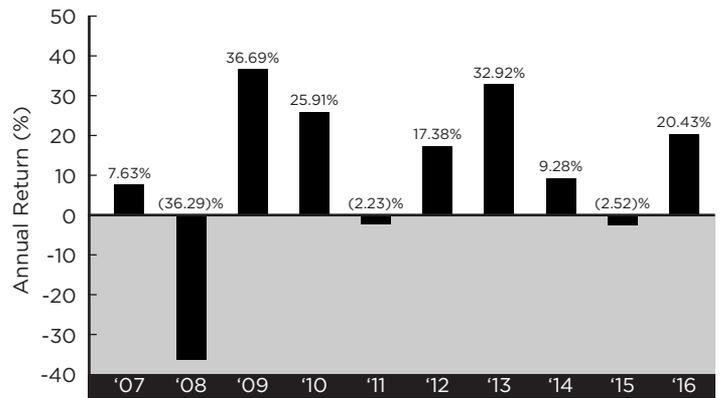
### *Volatility and Performance*

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 is the S&P MidCap 400 Index, which measures the performance of 400 mid-cap stocks. Call (800) THRIVENT (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.

### YEAR-BY-YEAR TOTAL RETURN



Best Quarter:	Q3 '09	+19.80%
Worst Quarter:	Q4 '08	(25.57)%

AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)			
Thrivent Mid Cap Index Portfolio	1 Year	5 Years	10 Years
	20.43%	14.89%	8.73%
S&P MidCap 400 Index (reflects no deduction for fees, expenses or taxes)	20.74%	15.33%	9.16%

### *Management*

#### *Investment Adviser(s)*

The Portfolio is managed by Thrivent Financial.

#### *Portfolio Manager(s)*

**Kevin R. Brimmer, FSA** has served as portfolio manager to the Portfolio since 2002 and has been with Thrivent Financial since 1985.

### *Other Information*

For important tax information and information about financial intermediary compensation, please turn to "Information Pertaining to all Portfolios" on page 102 of this prospectus.

# Thrivent Partner Worldwide Allocation Portfolio

## Investment Objective

Thrivent Partner Worldwide Allocation 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)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.84%
Other Expenses	0.08%
Total Annual Portfolio Operating Expenses	0.92%
Less Fee Waivers and/or Expense Reimbursements <sup>1</sup>	0.04%
Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements	0.88%

<sup>1</sup> The Adviser has contractually agreed, through at least April 30, 2018, to waive certain fees and/or reimburse certain expenses associated with the shares of the Thrivent Partner Worldwide Allocation Portfolio equal in the aggregate to 0.04% 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 reflects the effect of the contractual waiver for the time period in which it is in effect. 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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Partner Worldwide Allocation Portfolio	\$90	\$289	\$505	\$1,128

## 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 114% of the average value of its portfolio.

## Principal Strategies

The Portfolio seeks to achieve its objective by investing primarily in equity and debt 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 Portfolio's investment 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 to the economic fortunes and risks of a foreign country.

The debt securities in which the Portfolio invests may be of any maturity or credit quality and may 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, high-risk debt securities are rated within or below the "BB" major rating category by Standard & Poor's or the "Ba" major rating category by Moody's or are unrated but considered to be of comparable quality. The interest rates of the Portfolio's debt securities may be fixed, floating or subject to periodic reset provisions.

The Adviser will make asset allocation decisions among the various asset classes and has selected multiple

subadvisers, although the Adviser will directly manage the Portfolio's assets that are allocated to international large-cap value securities and U.S. securities. The subadvisers invest independently of one another and use their own methodologies for selecting assets.

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

International large-cap growth.....	0-45%
International large-cap value.....	0-45%
Emerging markets equity.....	0-30%
Emerging markets debt.....	0-30%
International small- and mid-cap equities .....	0-30%
U.S. securities .....	0-20%

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.

The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee.

Principal Global Investors, LLC manages the international large-cap growth assets. Aberdeen Asset Managers Limited manages the emerging markets equity assets. Goldman Sachs Asset Management, L.P. manages the international small- and mid-cap equities and emerging markets debt assets. The Adviser manages the large-cap value assets and the assets allocated to U.S. securities.

### *Principal Risks*

The Portfolio is subject to the following principal investment risks. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

**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.

**Issuer Risk.** Issuer risk is the possibility that factors specific to a company to which the Portfolio is exposed will affect the market prices of the company's securities and therefore the value of the Portfolio. Common stock of a company is subordinate to other securities issued by the company. If a company becomes insolvent, interests of investors owning common stock will be subordinated

to the interests of other investors in, and general creditors of, the company.

**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment. 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 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.** Securities of foreign companies in which the Portfolio invests generally carry more risk than securities of U.S. companies. The economies and financial markets of certain regions—such as Latin America, Asia, Europe and the Mediterranean region—can be highly interdependent and may decline at the same time. Other risks result from the varying stages of economic and political development of foreign countries; the differing regulatory environments, trading days, and accounting standards of foreign markets; and higher transaction costs. 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. In addition, the issuer of non-U.S. sovereign debt in which the Portfolio invests or the governmental authorities that control the repayment of such debt may be unable or unwilling, for economic reasons or otherwise, to repay the principal or interest when due. The Portfolio is also subject to the risk that 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.

**Emerging Markets Risk.** The economic and political structures of developing countries, 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 in the midst of, among other things, hyperinflation, currency devaluation, trade disagreements, sudden political upheaval, or interventionist government policies. 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. Certain securities (*i.e.*, small-cap stocks and foreign securities) often have a less liquid resale market. As a result, the Adviser or subadviser may have difficulty selling or disposing of securities quickly in certain markets or may only be able to sell the holdings at prices substantially less than what the Adviser or subadviser believes they are worth.

**Large Cap Risk.** Large cap 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 and Mid Cap Risk.** Small- and medium-sized companies often have greater price volatility, lower trading volumes, 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.

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

**Interest Rate Risk.** Interest rate risk is the risk that bond prices decline in value when interest rates rise for bonds that pay a fixed rate of interest. Bonds with longer durations or maturities tend to be more sensitive to changes in interest rates than bonds with shorter durations or maturities. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some securities.

**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.

**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.

**Multi-Manager Risk.** The investment styles employed by the subadvisers may not be complementary. The interplay of the various strategies employed by the subadvisers 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. It is also possible that one subadviser could be selling a particular security or security from a certain country while another subadviser could be purchasing the same security or a security from that same country.

**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.

## *Volatility and Performance*

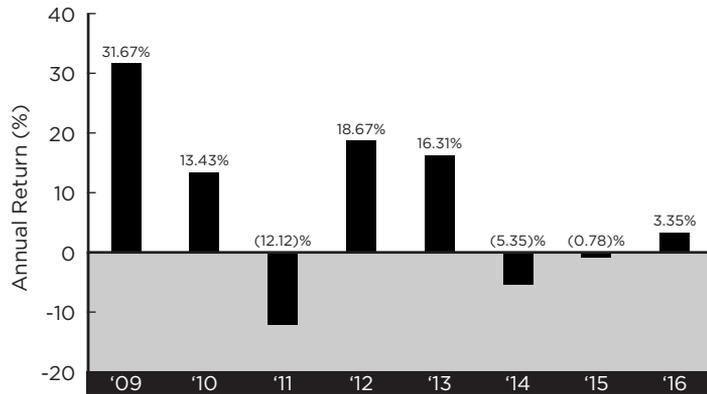
The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio's performance from year to year and by showing how the Portfolio's average annual returns for one- and five-year periods and since inception compared to a broad-based securities market index. The index is the MSCI All Country World Index ex-USA—USD Net Returns which measures the performance of developed and emerging stock markets throughout the world (excluding the U.S.). Call (800) THRIVENT (847-4836) or visit [Thrivent.com](http://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.

### YEAR-BY-YEAR TOTAL RETURN



Best Quarter:	Q2 '09	+22.38%
Worst Quarter:	Q3 '11	(18.33)%

#### AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)

	1 Year	5 Years	Since Inception (4/30/08)
Thrivent Partner Worldwide Allocation Portfolio	3.35%	6.02%	0.79%
MSCI All Country World Index ex-USA - USD Net Returns (reflects no deduction for fees, expenses or taxes)	4.50%	5.00%	(0.24)%

## Management

### Investment Adviser(s)

The Portfolio is managed by Thrivent Financial ("Thrivent Financial"), which has engaged Principal Global Investors, LLC ("Principal"), Aberdeen Asset Managers Limited ("Aberdeen"), and Goldman Sachs Asset Management, L.P. ("GSAM") to subadvise the Portfolio. Thrivent Financial also manages a portion of the Portfolio.

### Portfolio Manager(s)

**Mark Nebelung, CFA, John Pihlblad, CFA, Paul Blankenhagen, CFA, and Juliet Cohn** serve as portfolio co-managers for the Principal portion of the Portfolio. Mr. Pihlblad has been a portfolio co-manager since 2008 and Mr. Nebelung has been a portfolio co-manager since 2010. Mr. Blankenhagen and Ms. Cohn were added as portfolio co-managers in 2015. Mr.

Pihlblad is a senior investment officer at Principal and led the development of Principal's proprietary Global Research Platform. He has been with Principal since 2000. He and Mr. Nebelung have portfolio co-management responsibilities of Principal's international growth and global growth equity strategies. Mr. Nebelung also co-manages several systematic strategies and a custom Pan Asian strategy. He has been with Principal since 1997. Mr. Blankenhagen joined the firm in 1992, has been a member of the international equity team since 1995, and was named a portfolio manager in 2000. Ms. Cohn joined the firm in 2003 with over 20 years of portfolio management and research experience. Mr. Blankenhagen and Ms. Cohn are responsible for co-managing Principal's European, International Core and Diversified International equity portfolios.

Aberdeen manages its portion of the portfolio using a team-based approach, with the following team members being primarily responsible for day-to-day management. **Devan Kaloo** has managed the Portfolio since April 2008 and has been with Aberdeen since 2000. He is the Head of Global Emerging Markets/Global Head of Equities; he formerly served as a senior investment manager on Aberdeen's Asian Equity team. **Joanne Irvine** is the Head of Emerging Markets (ex-Asia), has managed the Portfolio since April 2008 and has been with Aberdeen since 1996. **Mark Gordon-James, CFA**, is a Senior Investment Manager, has managed the Portfolio since April 2008 and has been with Aberdeen since 2004. **Flavia Cheong, CFA**, is Head of Equities – Asia (ex-Japan), has managed the Portfolio since April 2008 and has been with Aberdeen since 1996. **Hugh Young** is Managing Director – Asia, has managed the Portfolio since April 2008 and has been with Aberdeen since 1985.

GSAM's Quantitative Investment Strategies team (the "QIS" team) manages the international small-and mid-cap equities of the Portfolio. **Len Ioffe**, Managing Director, joined GSAM as an associate in 1994 and has been a portfolio manager since 1996. **Osman Ali**, Managing Director, joined GSAM in 2003 and has been a member of the research and portfolio management team within QIS since 2005. **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. **Samuel Finkelstein** is head of Macro Strategies within the Global Fixed Income team in GSAM. As head of Macro Strategies, he leads the Global Rates, Fundamental Currency, Emerging Market Debt, and Commodities teams and is a member of the Fixed Income Strategy Group. Mr. Finkelstein joined Goldman Sachs in 1997 as an analyst in Fixed Income Asset Management. He worked on the Fixed Income portfolio risk and strategy

team for two years and then became an emerging market portfolio manager. Mr. Finkelstein was named managing director in 2005 and partner in 2010. Prior to joining the firm, he worked as a foreign exchange trader at Union Bank of Switzerland. Mr. Finkelstein earned an MBA from the Stern School of Business at New York University and a BA in Economics and Mathematics from Yale University in 1996. **Ricardo Penfold** is a member of the fixed income portfolio management team and is responsible for sovereign research coverage on the Emerging Market Debt team. He joined Goldman Sachs in 2000 and was named managing director in 2010. Prior to joining the firm, Mr. Penfold was head of research and an economist for Santander Investments and Banco Santander Central Hispano in Venezuela. Earlier in his career, he was professor of economics at the Universidad Central de Venezuela and Universidad Catolica Andres Bello in Caracas, Venezuela. Mr. Penfold earned a BA from Boston University in 1987 and a master's degree from the University of Pennsylvania in 1991. He is also a PhD candidate in Economics at the University of Pennsylvania.

**David C. Francis, CFA**, Vice President of Investment Equities of Thrivent Asset Mgt., serves as lead portfolio manager for the portion of the Portfolio's assets allocated to U.S. securities. Mr. Francis has been with Thrivent Financial since 2001. **Noah J. Monsen, CFA** and **Brian W. Bomgren, CQF** are portfolio co-managers of the international large-cap value assets. 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 Equity Portfolio Manager.

### *Other Information*

For important tax information and information about financial intermediary compensation, please turn to "Information Pertaining to all Portfolios" on page 102 of this prospectus.

# Thrivent Partner All Cap Portfolio

## Investment Objective

The investment objective of Thrivent Partner All Cap 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.

SHAREHOLDER FEES (fees paid directly from your investment)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.65%
Other Expenses	0.19%
Total Annual Portfolio Operating Expenses	0.84%

**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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Partner All Cap Portfolio	\$86	\$268	\$466	\$1,037

## 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 64% 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.

FIAM LLC ("FIAM"), the Portfolio's subadviser, is not constrained by any particular investment style. At any given time, FIAM may tend to buy "growth" stocks or "value" stocks, or a combination of both types.

In buying and selling securities for the Portfolio, FIAM uses a disciplined approach that involves computer-aided, quantitative analysis supported by fundamental analysis. FIAM's computer model systematically reviews thousands of stocks, using data such as historical earnings, dividend yield, earnings per share, and other quantitative factors. Then, the issuers of potential investments are analyzed further using fundamental factors such as growth potential, earnings estimates, and financial condition.

The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee.

FIAM may use various techniques, such as buying and selling futures contracts and exchange-traded funds, to increase or decrease the Portfolio's exposure to changing security prices or other factors that affect security values. If FIAM's strategies do not work as intended, the Portfolio may not achieve its objective.

## Principal Risks

The Portfolio is subject to the following principal investment risks. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

**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.

**Issuer Risk.** Issuer risk is the possibility that factors specific to a company to which the Portfolio is exposed will affect the market prices of the company's securities and therefore the value of the Portfolio. Common stock of a company is subordinate to other securities issued by the company. If a company becomes insolvent, interests of investors owning common stock will be subordinated to the interests of other investors in, and general creditors of, the company.

**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment.

**Small and Mid 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 cushion returns in a falling market.

**Large Cap Risk.** Large cap 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.

**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. Certain securities (*i.e.*, small-cap stocks) often have a less liquid resale market. As a result, the Adviser or subadviser may have difficulty selling or disposing of securities quickly in certain markets or only be able to sell the holdings at prices substantially less than what the Adviser or subadviser believes they are worth.

**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.

### Volatility and Performance

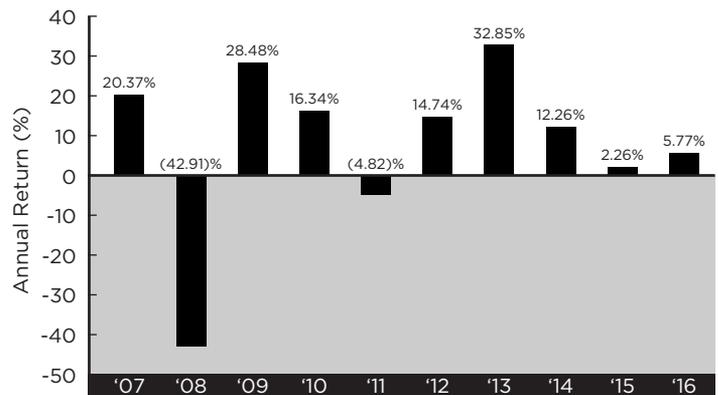
The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio's performance from year to year and by showing how the Portfolio's average annual returns for one-, five-, and ten-year periods compared to a broad-based securities market index. The index is the S&P Composite 1500 Index, which combines the S&P 500 Index, the S&P MidCap 400 Index, and the S&P

SmallCap 600 Index to cover approximately 90% of the U.S. market capitalization. The Portfolio now compares its returns to the S&P Composite 1500 Index because the Portfolio's complex no longer uses Russell as an index provider. Call (800) THRIVENT (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.

### YEAR-BY-YEAR TOTAL RETURN



Best Quarter:	Q2 '09	+15.71%
Worst Quarter:	Q4 '08	(20.90)%

AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)			
Thrivent Partner All Cap Portfolio	1 Year	5 Years	10 Years
	5.77%	13.10%	6.11%
S&P Composite 1500 Index (reflects no deduction for fees, expenses or taxes)	13.02%	14.76%	7.19%
Russell 3000 Index (reflects no deduction for fees, expenses or taxes)	12.74%	14.67%	7.07%

## Management

### Investment Adviser(s)

The Portfolio is managed by Thrivent Financial, which has engaged FIAM LLC ("FIAM") to subadvise the Portfolio.

### Portfolio Manager(s)

**Chander Willett** is the Lead Portfolio Manager of this team. He generally oversees the Portfolio's day-to-day investment activities. **Chad Colman, Katharine O'Donovan, Ed Field, Andrew Swanson, Jody Simes, Chip Perrone, Hamish Clark, and Adam Benjamin** are each analysts and Global Sector Team Leaders responsible for stock selection for certain sector(s) within the Portfolio.

Mr. Willett has been associated with FIAM since 2006, and has over 19 years of investment industry experience. Prior to joining FIAM, Mr. Willett served as a senior analyst at Highline Capital Management, where he analyzed securities in all sectors of health care in both U.S. and international markets, including pharmaceuticals, medical devices, life sciences, and health care services. **Chad Colman** is a Global Sector Team Leader covering the Global Industrials Sector. Mr. Colman joined FIAM in 2009 as a research analyst for the Industrials sector. Prior to joining FIAM, Mr. Colman served as a senior analyst at RiverSource Investments (formerly American Express Financial Advisors).

**Katharine O'Donovan** is a Global Sector Team Leader covering the Financials sector. Ms. O'Donovan joined FIAM in May 2008 as a research analyst for the European bank sector. Prior to joining FIAM, Ms. O'Donovan spent 10 years each on the buy side and sell side evaluating at European banks, and subsequently global financials. She was at First State Investments from 2007 through 2008 researching financials on the global team. From 1999 to 2007, she covered European banks including the UK at Credit Suisse Asset Management. From 1989 to 1999, she was a sell side analyst of European banks, at what is now Royal Bank of Scotland and Deutsche Bank. **Ed Field** is a Global Sector Team Leader covering the Real Estate, Utilities, and Telecommunications sectors. Mr. Field joined FIAM in 2008 as a research analyst covering the telecommunications sector. Prior to joining FIAM, Mr. Field was a portfolio manager and a telecommunications analyst at Prudential in the UK for 10 years. **Andrew Swanson** is a Global Sector Team Leader covering the Healthcare sector. Mr. Swanson joined FIAM in 2008 as a pharmaceutical analyst. Prior to joining FIAM, Mr. Swanson was a specialty pharmaceutical analyst at Citi Investment Research and before that he covered the European pharmaceutical sector at Citigroup in London. **Jody Simes** is a Global Sector Team Leader and has managed the global materials sector portfolio since 2006 and was named the

manager of the global energy sector portfolio in 2011. Prior to that, Mr. Simes covered the non-ferrous metals, chemicals, and fertilizer sectors, as well as Canadian telecommunications and software companies as an equity research analyst. He has also served as a technology sector specialist for Fidelity Management and Research Company and a fixed income trader for Fidelity Capital Markets. **Chip Perrone** is a Global Sector Team Leader covering the Consumer Discretionary sector. In October 2010, Mr. Perrone joined the consumer discretionary team. Before assuming the team lead role, his research focus had been U.S. automotive, gaming and lodging, household durables, cruise companies and Latin American consumer discretionary names. Prior to joining the consumer discretionary team, Chip was a member of the International Value portfolio management team at FIAM. His fundamental research coverage included the consumer discretionary, consumer staples, and health care sectors. Prior to joining FIAM in 2007, Mr. Perrone worked at DuPont Capital Management for 17 years as a senior international equity analyst from 1998-2007. **Hamish Clark** is a Global Sector Team Leader covering the Consumer Staples sector. Mr. Clark joined FIAM in 2008 as a research analyst covering the consumer staples sector. Prior to joining FIAM, Mr. Clark worked as a research analyst covering the European consumer sector at Insight Investment, the asset manager of HBOS Plc in London. **Adam Benjamin** is a Global Sector Team Leader covering the Technology sector. Prior to assuming his current role in 2014, Mr. Benjamin was a research analyst responsible for coverage of the semiconductor, semiconductor capital equipment, and solar end markets. Prior to joining Fidelity in 2011, Mr. Benjamin was a managing director at Jefferies & Company, Inc. since 2004 as the head of semiconductor equity research. Prior to joining Jefferies, he was a senior research associate at SG Cowen where he focused on the semiconductor space for nearly two years, after serving as a vice president in the technology M&A group at that firm for the preceding three years. Mr. Benjamin was also an associate in the Corporate Law department of Sullivan & Worcester.

### Other Information

For important tax information and information about financial intermediary compensation, please turn to "Information Pertaining to all Portfolios" on page 102 of this prospectus.

# Thrivent Large Cap Growth Portfolio

## Investment Objective

The investment objective of Thrivent Large Cap Growth 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.

SHAREHOLDER FEES (fees paid directly from your investment)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.40%
Other Expenses	0.04%
Total Annual Portfolio Operating Expenses	0.44%

**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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Large Cap Growth Portfolio	\$45	\$141	\$246	\$555

## 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 68% 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 securities of large companies. The Adviser focuses mainly on the securities of large companies which have market capitalizations similar to those included in widely known indices such as the Russell 1000<sup>®</sup> Growth Index, S&P 500/Citigroup Growth Index, or large company market capitalization classifications published by Lipper, Inc. Should the Adviser determine that the Portfolio would benefit from reducing the percentage of its assets invested in securities of large cap companies from 80% to a lesser amount, it will notify you 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. The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee. 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. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

**Foreign Securities Risk.** Foreign securities are generally more volatile than their domestic counterparts, in part because of higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates. 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.

**Issuer Risk.** Issuer risk is the possibility that factors specific to a company to which the Portfolio is exposed will affect the market prices of the company's securities and therefore the value of the Portfolio. Some factors affecting the performance of a company include demand for the company's products or services, the quality of management of the company and brand recognition and loyalty.

**Large Cap Risk.** Large cap 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.

**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.

**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending

on market and economic conditions as well as investor sentiment. 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 projection of future earnings or revenues and, if a company's earnings or revenues fall short of expectations, its stock price may fall dramatically.

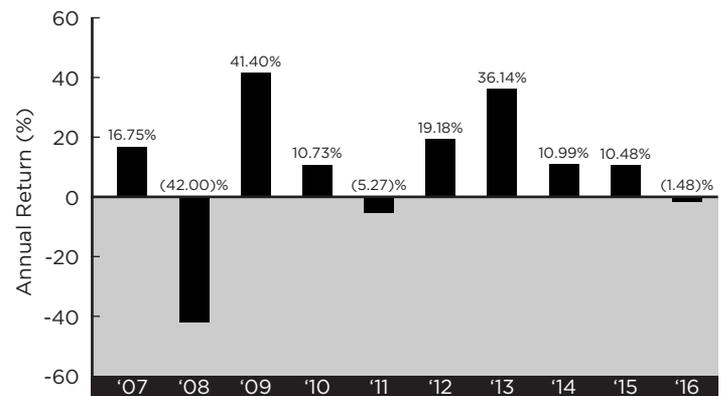
## Volatility and Performance

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 is the S&P 500 Growth Index, which measures the performance of the growth stocks in the S&P 500 Index. The Portfolio now compares its returns to the S&P 500 Growth Index because the Portfolio's complex no longer uses Russell as an index provider. Call (800) THRIVENT (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.

YEAR-BY-YEAR TOTAL RETURN



Best Quarter:	Q2 '09	+16.99%
Worst Quarter:	Q4 '08	(23.49)%

**AVERAGE ANNUAL TOTAL RETURNS  
(PERIODS ENDING DECEMBER 30, 2016)**

Thrivent Large Cap Growth Portfolio	1 Year (1.48)%	5 Years 14.41%	10 Years 7.01%
S&P 500 Growth Index (reflects no deduction for fees, expenses or taxes)	6.89%	14.54%	8.29%
Russell 1000 Growth Index (reflects no deduction for fees, expenses or taxes)	7.08%	14.50%	8.33%

## *Management*

### *Investment Adviser(s)*

The Portfolio is managed by Thrivent Financial.

### *Portfolio Manager(s)*

**Darren M. Bagwell, CFA** has served as portfolio manager of the Portfolio since 2014. Mr. Bagwell has been with Thrivent Financial since 2002 in an investment management capacity and currently is a Senior Equity Portfolio Manager.

### *Other Information*

For important tax information and information about financial intermediary compensation, please turn to “Information Pertaining to all Portfolios” on page 102 of this prospectus.

# Thrivent Partner Growth Stock Portfolio

## Investment Objectives

The investment objective of the Thrivent Partner Growth Stock 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.

SHAREHOLDER FEES (fees paid directly from your investment)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.65%
Other Expenses	0.16%
Total Annual Portfolio Operating Expenses	0.81%
Less Fee Waivers and/or Expense Reimbursements <sup>1</sup>	0.01%
Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements	0.80%

<sup>1</sup> The Adviser has contractually agreed, through at least April 30, 2018, to waive certain fees and/or reimburse certain expenses associated with the shares of the Thrivent Partner Growth Stock Portfolio in order to limit the Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements, if any, 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. 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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Partner Growth Stock Portfolio	\$82	\$258	\$449	\$1,001

## 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 43% 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 technology stocks.

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), futures and options, in keeping with the Portfolio's objectives.

The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee.

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. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objectives.

**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.

**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 a company to which the Portfolio is exposed will affect the market prices of the company's securities and therefore the value of the Portfolio. Common stock of a company is subordinate to other securities issued by the company. If a company becomes insolvent, interests of investors owning common stock will be subordinated

to the interests of other investors in, and general creditors of, the company.

**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment. 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 projection of future earnings or revenues and, if a company's earnings or revenues fall short of expectations, its stock price may fall dramatically.

**Foreign Securities Risk.** To the extent the Portfolio is exposed to foreign securities, it is subject to various risks associated with such securities. Foreign securities are generally more volatile than their domestic counterparts, in part because of higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates. 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 swaps) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. 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. Derivatives are also subject to the risk that the other party in the transaction will not fulfill its contractual obligations.

**Investment Adviser Risk.** The Portfolio is actively managed and the success of the Portfolio's 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.

## *Volatility and 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 is the S&P 500 Growth Index, which measures the

performance of the growth stocks in the S&P 500 Index. Call (800) THRIVENT (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.

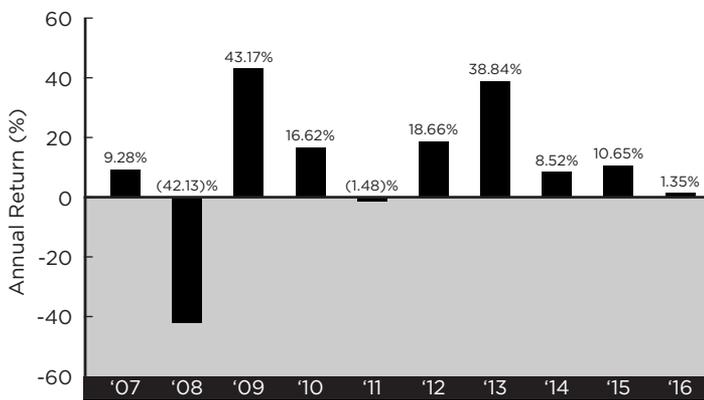
How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future.

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.

### *Other Information*

For important tax information and information about financial intermediary compensation, please turn to "Information Pertaining to all Portfolios" on page 102 of this prospectus.

### YEAR-BY-YEAR TOTAL RETURN



Best Quarter:	Q1 '12	+18.98%
Worst Quarter:	Q4 '08	(23.96)%

AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)			
Thrivent Partner Growth Stock Portfolio	1 Year	5 Years	10 Years
	1.35%	14.93%	7.63%
S&P 500 Growth Index (reflects no deduction for fees, expenses or taxes)	6.89%	14.54%	8.29%

## *Management*

### *Investment Adviser(s)*

The Portfolio is managed by Thrivent Financial, which has engaged T. Rowe Price Associates, Inc. ("T. Rowe Price") to subadvise the Portfolio.

### *Portfolio Manager(s)*

**Joseph B. Fath, CPA** is the portfolio manager of the Portfolio. He currently serves as Chairman of the Portfolio's Investment Advisory Committee. Mr. Fath

# Thrivent Large Cap Value Portfolio

## Investment Objective

The investment objective of Thrivent Large Cap Value 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.

SHAREHOLDER FEES (fees paid directly from your investment)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.60%
Other Expenses	0.04%
Total Annual Portfolio Operating Expenses	0.64%

**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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Large Cap Value Portfolio	\$65	\$205	\$357	\$798

## 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 22% 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 securities of large companies. The Adviser focuses mainly on the securities of large companies which have market capitalizations similar to those included in widely known indices such as the Russell 1000<sup>®</sup> Value Index, the S&P 500/Citigroup Value Index, or the large company market capitalization classifications published by Lipper, Inc. The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee. Should the Adviser determine that the Portfolio would benefit from reducing the percentage of its assets invested in securities of large cap companies from 80% to a lesser amount, it will notify you at least 60 days prior to the change.

The Adviser uses fundamental, quantitative, and technical investment research techniques to identify 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. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

**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.

**Issuer Risk.** Issuer risk is the possibility that factors specific to a company to which the Portfolio is exposed will affect the market prices of the company's securities and therefore the value of the Portfolio. Common stock of a company is subordinate to other securities issued by the company. If a company becomes insolvent, interests

of investors owning common stock will be subordinated to the interests of other investors in, and general creditors of, the company.

**Large Cap Risk.** Large cap 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.** To the extent the Portfolio is exposed to foreign securities, it is subject to various risks associated with such securities. Foreign securities are generally more volatile than their domestic counterparts, in part because of higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates. 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.

**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment. 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 the Portfolio's 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.

### Volatility and Performance

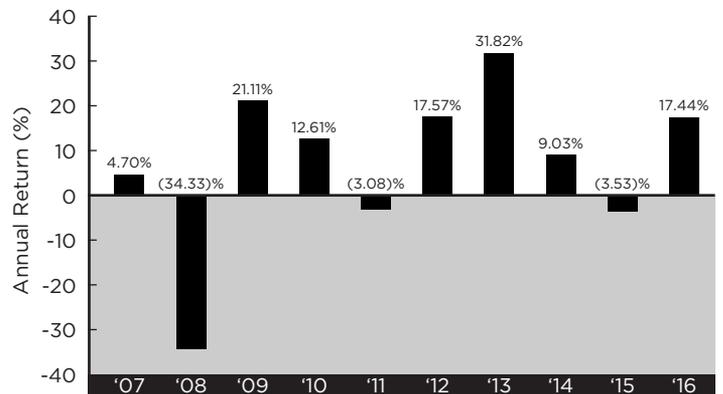
The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio's performance from year to year and by showing how the Portfolio's average annual returns for one-, five-, and ten-year periods compared to a broad-based securities market index. The index is the S&P 500 Value Index, which measures the performance of the value stocks in the S&P 500 Index. The Portfolio now compares its returns to the S&P 500 Value Index because the Portfolio's complex no longer uses Russell as an index provider. Call (800) THRIVENT (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.

### YEAR-BY-YEAR TOTAL RETURN



Best Quarter:	Q3 '09	+17.78%
Worst Quarter:	Q4 '08	(20.34)%

AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)			
Thrivent Large Cap Value Portfolio	1 Year	5 Years	10 Years
	17.44%	13.87%	5.69%
S&P 500 Value Index (reflects no deduction for fees, expenses or taxes)	17.39%	14.68%	5.50%
Russell 1000 Value Index (reflects no deduction for fees, expenses or taxes)	17.34%	14.80%	5.72%

### Management

#### Investment Adviser(s)

The Portfolio is managed by Thrivent Financial.

#### Portfolio Manager(s)

**Kurt J. Lauber, CFA** has served as portfolio manager of the Portfolio since 2013. Mr. Lauber has been with Thrivent Financial since 2004 and previously served as an associate portfolio manager.

### Other Information

For important tax information and information about financial intermediary compensation, please turn to "Information Pertaining to all Portfolios" on page 102 of this prospectus.

# Thrivent Large Cap Stock Portfolio

## Investment Objective

Thrivent Large Cap Stock 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)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.62%
Other Expenses	0.05%
Total Annual Portfolio Operating Expenses	0.67%

**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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Large Cap Stock Portfolio	\$68	\$214	\$373	\$835

## 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 66% 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 securities of large companies. The Adviser focuses mainly on the securities of large domestic and international companies which have market capitalizations similar to those in the S&P 500 Index, the Russell 1000<sup>®</sup> Index, or the large company market capitalizations classifications published by Lipper, Inc. Should the Adviser determine that the Portfolio would benefit from reducing the percentage of its assets invested in securities of large cap companies from 80% to a lesser amount, it will notify you at least 60 days prior to such a change.

The Portfolio seeks to achieve its investment objective by investing primarily in domestic and international common stocks. The Portfolio may buy and sell futures contracts to either hedge its exposure or obtain exposure to certain investments. The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee. The Adviser uses fundamental, quantitative and technical investment research techniques to determine what securities to buy and sell.

The Portfolio 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. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

**Derivatives Risk.** The use of derivatives (such as futures and swaps) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. 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. Derivatives are also subject to the risk that the other party in the transaction will not fulfill its contractual obligations.

**Foreign Securities Risk.** Foreign securities are generally more volatile than their domestic counterparts, in part because of higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates. 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 the Portfolio's 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.

**Issuer Risk.** Issuer risk is the possibility that factors specific to a company to which the Portfolio is exposed will affect the market prices of the company's securities and therefore the value of the Portfolio. Some factors affecting the performance of a company include demand for the company's products or services, the quality of management of the company and brand recognition and loyalty. Common stock of a company is subordinate to other securities issued by the company. If a company becomes insolvent, interests of investors owning common stock will be subordinated to the interests of other investors in, and general creditors of, the company.

**Large Cap Risk.** Large cap 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.

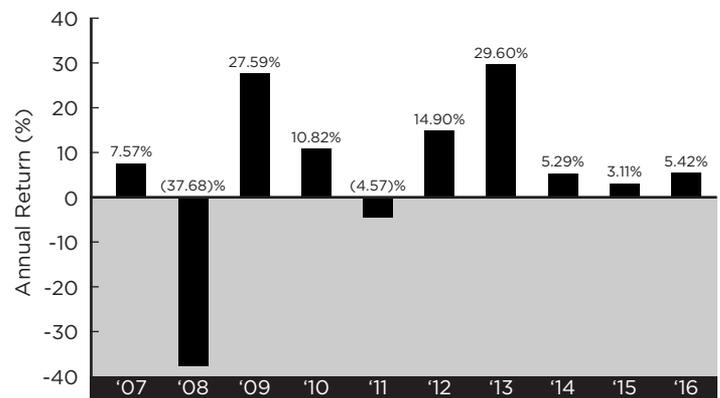
**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment.

## Volatility and 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 is the MSCI World Large Cap Index—USD Net Returns, which measures the performance of large cap stocks in developed countries throughout the world. Call (800) THRIVENT (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.



Best Quarter:	Q3 '09	+16.13%
Worst Quarter:	Q4 '08	(22.18)%

AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)			
Thrivent Large Cap Stock Portfolio	1 Year	5 Years	10 Years
	5.42%	11.25%	4.42%
MSCI World Large Cap Index - USD Net Returns (reflects no deduction for fees, expenses or taxes)	7.51%	10.32%	3.75%

## *Management*

### *Investment Adviser(s)*

The Portfolio is managed by Thrivent Financial.

### *Portfolio Manager(s)*

**Darren M. Bagwell, CFA** and **Kurt J. Lauber, CFA** have served as portfolio managers of the Portfolio since 2016 and 2013, respectively. Mr. Lauber has been with Thrivent Financial since 2004 and previously served as an associate portfolio manager. Mr. Bagwell has been with Thrivent Financial since 2002 in an investment management capacity and currently is a Senior Equity Portfolio Manager.

### *Other Information*

For important tax information and information about financial intermediary compensation, please turn to “Information Pertaining to all Portfolios” on page 102 of this prospectus.

# Thrivent Large Cap Index Portfolio

## Investment Objective

Thrivent Large Cap Index 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.

SHAREHOLDER FEES (fees paid directly from your investment)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.20%
Other Expenses	0.05%
Total Annual Portfolio Operating Expenses	0.25%

**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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Large Cap Index Portfolio	\$26	\$80	\$141	\$318

## 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 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. For liquidity reasons, the Portfolio may invest to some degree in money market instruments. The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee.

## Principal Risks

The Portfolio is subject to the following principal investment risks. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

**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.

**Issuer Risk.** Issuer risk is the possibility that factors specific to a company to which the Portfolio is exposed will affect the market prices of the company's securities and therefore the value of the Portfolio. Common stock of a company is subordinate to other securities issued by the company. If a company becomes insolvent, interests of investors owning common stock will be subordinated

to the interests of other investors in, and general creditors of, the company.

**Large Cap Risk.** Large cap 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.

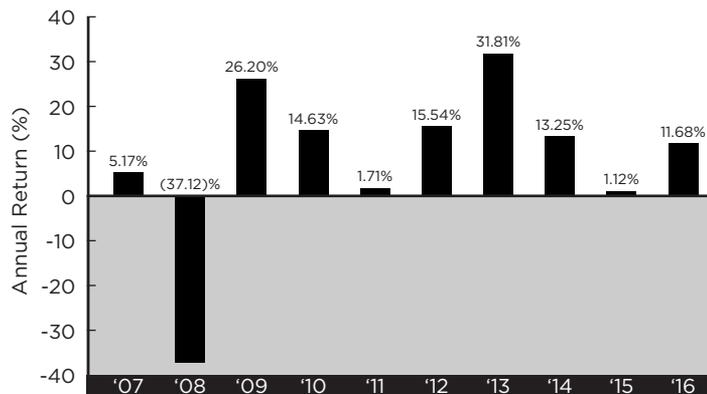
**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment.

### Volatility and 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 is the S&P 500 Index, which measures the performance of 500 widely held, publicly traded stocks. Call (800) THRIVENT (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.



Best Quarter:	Q2 '09	+15.81%
Worst Quarter:	Q4 '08	(21.97)%

AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)			
Thrivent Large Cap Index Portfolio	1 Year 11.68%	5 Years 14.26%	10 Years 6.60%
S&P 500 Index (reflects no deduction for fees, expenses or taxes)	11.96%	14.66%	6.95%

### Management

#### Investment Adviser(s)

The Portfolio is managed by Thrivent Financial.

#### Portfolio Manager(s)

**Kevin R. Brimmer, FSA** has served as portfolio manager to the Portfolio since 2002 and has been with Thrivent Financial since 1985.

### Other Information

For important tax information and information about financial intermediary compensation, please turn to "Information Pertaining to all Portfolios" on page 102 of this prospectus.

# Thrivent Low Volatility Equity Portfolio

## Investment Objective

Thrivent Low Volatility Equity 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.

SHAREHOLDER FEES (fees paid directly from your investment)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.60%
Other Expenses <sup>1</sup>	3.16%
Total Annual Portfolio Operating Expenses	3.76%
Less Fee Waivers and/or Expense Reimbursements <sup>2</sup>	2.96%
Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements	0.80%

<sup>1</sup> These expenses are based on estimated amounts for the current fiscal year.

<sup>2</sup> The Adviser has contractually agreed, through at least April 30, 2018, to waive certain fees and/or reimburse certain expenses associated with the shares of the Thrivent Low Volatility Portfolio in order to limit the Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements, if any, 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. 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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Low Volatility Equity Portfolio	\$82	\$875	\$1,688	\$3,811

## 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 commenced operations prior to the date of this prospectus, the Portfolio's portfolio turnover rate for the most recent fiscal year 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. 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 also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee.

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 Index but with less volatility. 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 a disciplined approach that involves computer-aided, quantitative analysis of fundamental, technical and risk-related factors. The Adviser's factor model 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.

### *Principal Risks*

The Portfolio is subject to the following principal investment risks. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

**Derivatives Risk.** The use of derivatives (such as futures and swaps) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. 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. Derivatives are also subject to the risk that the other party in the transaction will not fulfill its contractual obligations.

**Foreign Securities Risk.** Foreign securities are generally more volatile than their domestic counterparts, in part because of higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates. 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.

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

**Large Cap Risk.** Large cap 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.

**Small and Mid Cap Risk.** Small- and medium-sized companies often have greater price volatility, lower trading volumes, 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.

**Volatility Risk.** Although the Portfolio seeks lower volatility than the global equity markets, its returns will experience some volatility. Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment. The value of the Portfolio's shares may be affected by weak equity markets. As a result, the value of the Portfolio's shares may fluctuate significantly in the short term.

### *Volatility and Performance*

No performance information for the Portfolio is provided because it commenced operations on April 28, 2017. Call (800) THRIVENT (847-4836) or visit [ThriventFunds.com](http://ThriventFunds.com) for performance results current to the most recent month-end that takes place after April 28, 2017.

How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future.

### *Management*

#### *Investment Adviser(s)*

The Portfolio is managed by Thrivent Financial.

#### *Portfolio Manager(s)*

**Noah J. Monsen, CFA** has served as lead portfolio manager of the Portfolio since 2017. Mr. Monsen has been with Thrivent Financial since 2000 and has served in an investment management capacity since 2008.

### *Other Information*

For important tax information and information about financial intermediary compensation, please turn to "Information Pertaining to all Portfolios" on page 102 of this prospectus.

# Thrivent Multidimensional Income Portfolio

## Investment Objective

Thrivent Multidimensional Income 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.

SHAREHOLDER FEES (fees paid directly from your investment)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.55%
Other Expenses <sup>1</sup>	0.82%
Acquired Portfolio (Underlying Portfolio) Fees and Expenses <sup>2</sup>	0.25%
Total Annual Portfolio Operating Expenses	1.62%
Less Fee Waivers and/or Expense Reimbursements <sup>3</sup>	0.42%
Total Annual Portfolio Operating Expenses After Fee Waivers and/or Expense Reimbursements	1.20%

<sup>1</sup> These expenses are based on estimated amounts for the current fiscal year.

<sup>2</sup> Acquired Portfolio Fees and Expenses are based on estimated amounts for the current fiscal year.

<sup>3</sup> The Adviser has contractually agreed, through at least April 30, 2018, to waive certain fees and/or reimburse certain expenses 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, if any, 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. 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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Multidimensional Income Portfolio	\$122	\$470	\$842	\$1,887

## 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 commenced operations prior to the date of this prospectus, the Portfolio's portfolio turnover rate for the most recent fiscal year is not yet available.

## 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 also invests 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 U.S. dollar denominated emerging markets sovereign debt.

The Portfolio may invest in income-producing securities issued by 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, including industry, sector, country and region indexes. The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee.

The Portfolio may also invest in income-producing equity securities, including preferred stock and real estate investment trusts (“REITs”).

The Portfolio may utilize derivatives for investment exposure or hedging purposes, including futures agreements and credit default swap agreements on security indexes. The Portfolio may enter into standardized derivatives contracts traded on domestic or foreign securities exchanges, boards of trade, or similar entities, and non-standardized derivatives contracts traded in the over-the-counter market.

The Adviser uses fundamental, quantitative and technical investment research techniques to determine what to buy and sell.

## *Principal Risks*

The Portfolio is subject to the following principal investment risks. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

### ***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.

***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.

***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.

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

***Derivatives Risk.*** The use of derivatives (such as futures and swaps) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. 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. Derivatives are also subject to the risk that the other party in the transaction will not fulfill its contractual obligations.

***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.

### ***Foreign and Emerging Markets Securities Risk.***

Foreign securities are generally more volatile than their domestic counterparts, in part because of higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates. 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. All of these risks may be

heightened for securities of issuers located in, or with significant operations in, emerging market countries.

**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.

**Interest Rate Risk.** Interest rate risk is the risk that bond prices decline in value when interest rates rise for bonds that pay a fixed rate of interest. Bonds with longer durations or maturities tend to be more sensitive to changes in interest rates than bonds with shorter durations or maturities. 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. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some 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.

**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.

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

**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. High-yield bonds have a less liquid resale market. In addition, 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, the Adviser may have difficulty selling or disposing of securities quickly in certain markets or may only be able to sell the holdings at prices substantially less than what the Adviser believes they are worth.

**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.

**Master Limited Partnership Risk.** An investment in an MLP exposes the Portfolio to the legal and tax risks associated with investing in partnerships. MLPs may have limited financial resources, their securities may be relatively illiquid, and they may be subject to more erratic price movements because of the underlying assets they hold. Due to the tax requirements for MLPs, the income of many MLPs comes from energy infrastructure. Risks inherent in the energy infrastructure business include: sustained declines in demand for crude oil, natural gas and refined petroleum products, construction risk, changes in the regulatory environment or other regulatory exposure, weather risk, risks associated with terrorist activity and interest rate risk.

**Mortgage-Related and Other Asset-Backed Securities Risk.** The value of mortgage-related 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.

**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.

**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. 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.

**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.

**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment. The value of the Portfolio's shares may be affected by weak equity markets or changes in interest rate or bond yield levels. As a result, the value of the Portfolio's shares may fluctuate significantly in the short term.

## *Volatility and Performance*

No performance information for the Portfolio is provided because it commenced operations on April 28, 2017. Call (800) THRIVENT (847-4836) or visit [ThriventFunds.com](http://ThriventFunds.com) for performance results current to the most recent month-end that takes place after April 28, 2017.

How a Portfolio has performed in the past is not necessarily an indication of how it will perform in the future.

## *Management*

### *Investment Adviser(s)*

The Portfolio is managed by Thrivent Financial.

### *Portfolio Manager(s)*

**Mark L. Simenstad, CFA, Gregory R. Anderson, CFA, Paul J. Ocenasek, CFA, Conrad E. Smith, CFA and Kent L. White, CFA** have served as portfolio managers of the Portfolio since its inception in 2017. Mr. Simenstad is Vice President of Fixed Income Mutual Funds and Separate Accounts and has been with Thrivent Financial since 1999. Mr. Anderson 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.

### *Other Information*

For important tax information and information about financial intermediary compensation, please turn to “Information Pertaining to all Portfolios” on page 102 of this prospectus.

# Thrivent High Yield Portfolio

## Investment Objectives

Thrivent High Yield 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.

SHAREHOLDER FEES (fees paid directly from your investment)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.40%
Other Expenses	0.05%
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:

	1 Year	3 Years	5 Years	10 Years
Thrivent High Yield Portfolio	\$46	\$144	\$252	\$567

## 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 38% 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, but not limited to, leveraged loans, mortgaged-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. The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee. Should the Adviser determine that the Portfolio would benefit from reducing the percentage of its assets invested in junk bonds from 80% to a lesser amount, you will be notified at least 60 days prior to such a change.

The Adviser uses fundamental, quantitative, and technical research techniques to determine what securities to buy and sell. The Adviser focuses on 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.

## Principal Risks

The Portfolio is subject to the following principal investment risks. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objectives.

**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.

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

**Foreign Securities Risk.** Foreign securities are generally more volatile than their domestic counterparts, in part because of higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates. 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.

**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.

**Interest Rate Risk.** Interest rate risk is the risk that bond prices decline in value when interest rates rise for bonds that pay a fixed rate of interest. Bonds with longer durations or maturities tend to be more sensitive to changes in interest rates than bonds with shorter durations or maturities. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some 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.

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

**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. High-yield bonds and leveraged loans have a less liquid resale market. In addition, 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, the Adviser may have difficulty selling or disposing of securities quickly in certain markets or may only be able to sell the holdings at prices substantially less than what the Adviser believes they are worth.

**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.

**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.

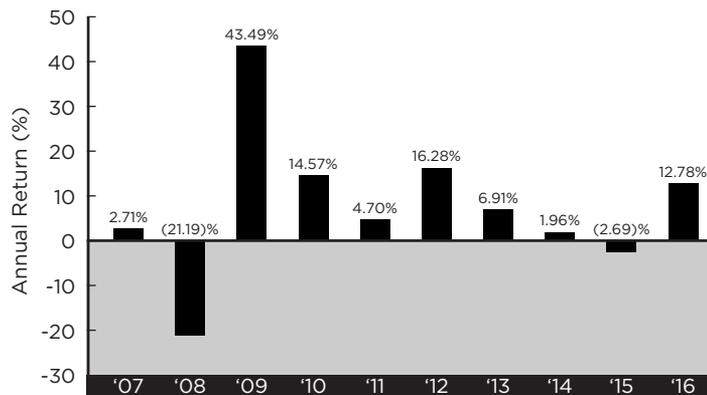
**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment. The value of the Portfolio's shares may be affected by weak equity markets or changes in interest rate or bond yield levels. As a result, the value of the Portfolio's shares may fluctuate significantly in the short term.

### Volatility and 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 is the Bloomberg Barclays U.S. Corporate High Yield Bond Index, which measures the performance of fixed-rate non-investment grade bonds. Call (800) THRIVENT (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.



Best Quarter:	Q2 '09	+16.64%
Worst Quarter:	Q4 '08	(14.51)%

AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)			
Thrivent High Yield Portfolio	1 Year 12.78%	5 Years 6.83%	10 Years 6.86%
Bloomberg Barclays U.S. Corporate High Yield Bond Index (reflects no deduction for fees, expenses or taxes)	17.13%	7.36%	7.45%

### Management

#### Investment Adviser(s)

The Portfolio is managed by Thrivent Financial.

#### Portfolio Manager(s)

**Paul J. Ocenasek, CFA** has served as portfolio manager of the Portfolio since 1997. He has been with Thrivent Financial since 1987 and, since 1997, has served as portfolio manager to other Thrivent mutual funds.

#### Other Information

For important tax information and information about financial intermediary compensation, please turn to "Information Pertaining to all Portfolios" on page 102 of this prospectus.

# Thrivent Income Portfolio

## Investment Objective

Thrivent Income 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.

SHAREHOLDER FEES (fees paid directly from your investment)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.40%
Other Expenses	0.04%
Total Annual Portfolio Operating Expenses	0.44%

**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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Income Portfolio	\$45	\$141	\$246	\$555

## 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

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

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 Portfolio's 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 research techniques to determine what debt obligations to buy and sell. 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, however. Additionally, the Portfolio may 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. Please note that the Portfolio will likely use an interest rate management technique that includes the purchase and sale of U.S. Treasury securities and related futures contracts for the purpose of managing the duration of the Portfolio. The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee.

## *Principal Risks*

The Portfolio is subject to the following principal investment risks. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

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

**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 Securities Risk.** To the extent the Portfolio is exposed to foreign securities, it is subject to various risks associated with such securities. Foreign securities are generally more volatile than their domestic counterparts, in part because of higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates. 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.

**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.

**Interest Rate Risk.** Interest rate risk is the risk that bond prices decline in value when interest rates rise for bonds that pay a fixed rate of interest. Bonds with longer durations or maturities tend to be more sensitive to changes in interest rates than bonds with shorter durations or maturities. 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. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some 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.

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

**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. 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 Adviser 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.

**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.

**Mortgage-Related and Other Asset-Backed Securities Risk.** The value of mortgage-related 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.

**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.

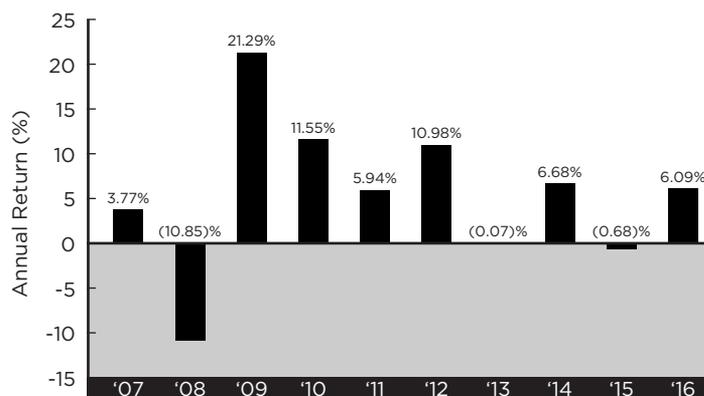
**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment. Bonds may exhibit price fluctuations due to changes in interest rates or bond yield levels.

## Volatility and 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 is the Bloomberg Barclays U.S. Aggregate Bond Index, which measures the performance of U.S. investment grade bonds. Call (800) THRIVENT (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.



Best Quarter:	Q2 '09	+10.54%
Worst Quarter:	Q3 '08	(6.01)%

AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)			
Thrivent Income Portfolio	1 Year	5 Years	10 Years
	6.09%	4.51%	5.16%
Bloomberg Barclays U.S. Aggregate Bond Index (reflects no deduction for fees, expenses or taxes)	2.65%	2.23%	4.34%

## *Management*

### *Investment Adviser(s)*

The Portfolio is managed by Thrivent Financial.

### *Portfolio Manager(s)*

**Stephen D. Lowe, CFA** has served as the portfolio manager of the Portfolio since 2009. He has also been a senior portfolio manager of the high yield portion of Thrivent Financial's general account since 2005. He has been with Thrivent Financial since 1997.

### *Other Information*

For important tax information and information about financial intermediary compensation, please turn to "Information Pertaining to all Portfolios" on page 102 of this prospectus.

# Thrivent Bond Index Portfolio

## Investment Objective

Thrivent Bond Index Portfolio strives for investment results similar to the total return of the Barclays U.S. Aggregate Bond 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.

SHAREHOLDER FEES (fees paid directly from your investment)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.35%
Other Expenses	0.11%
Total Annual Portfolio Operating Expenses	0.46%

**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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Bond Index Portfolio	\$47	\$148	\$258	\$579

## 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 349% of the average value of its portfolio.

## Principal Strategies

Under normal circumstances, the Portfolio invests at least 80% of net assets (plus the amount of any borrowing for investment purposes) in a representative sample of investment-grade bonds and other debt securities included in the Barclays U.S. Aggregate Bond Index. Accordingly, the Portfolio invests in government bonds, asset- and mortgage-backed securities, and corporate bonds from a broad range of industries. The Portfolio does not invest in all of the issuers that make up the index but selects from issuers within the Index. Therefore, the Adviser expects the investment performance of the Portfolio to approximate the performance of the index over time. The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee.

## Principal Risks

The Portfolio is subject to the following principal investment risks. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

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

**Interest Rate Risk.** Interest rate risk is the risk that bond prices decline in value when interest rates rise for bonds that pay a fixed rate of interest. Bonds with longer durations or maturities tend to be more sensitive to changes in interest rates than bonds with shorter durations or maturities. Some municipal bonds may be repaid prior to maturity if interest rates decrease. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some 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.

**Issuer Risk.** Issuer risk is the possibility that factors specific to a company to which the Portfolio is exposed will affect the market prices of the company's securities and therefore the value of the Portfolio. Some factors affecting the performance of a company include demand for the company's products or services, the quality of management of the company and brand recognition and loyalty.

**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. 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 Adviser 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.

**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.

**Mortgage-Related and Other Asset-Backed Securities Risk.** The value of mortgage-related 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.

**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.

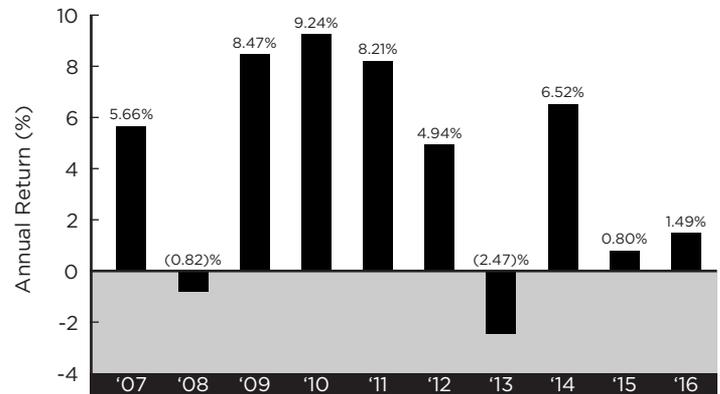
**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment. Bonds may exhibit price fluctuations due to changes in interest rates or bond yield levels.

## Volatility and 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 is the Bloomberg Barclays U.S. Aggregate Bond Index, which measures the performance of U.S. investment grade bonds. Call (800) THRIVENT (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.



Best Quarter:	Q3 '09	+5.17%
Worst Quarter:	Q4 '16	(3.49)%

AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)			
Thrivent Bond Index Portfolio	1 Year	5 Years	10 Years
	1.49%	2.21%	4.13%
Bloomberg Barclays U.S. Aggregate Bond Index (reflects no deduction for fees, expenses or taxes)	2.65%	2.23%	4.34%

## *Management*

### *Investment Adviser(s)*

The Portfolio is managed by Thrivent Financial.

### *Portfolio Manager(s)*

**Michael G. Landreville, CFA, CPA (inactive)** has served as portfolio manager of the Portfolio since 2005. He has been with Thrivent Financial since 1983 and has served as a portfolio manager since 1998.

### *Other Information*

For important tax information and information about financial intermediary compensation, please turn to “Information Pertaining to all Portfolios” on page 102 of this prospectus.

# Thrivent Limited Maturity Bond Portfolio

## Investment Objective

Thrivent Limited Maturity Bond 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.

SHAREHOLDER FEES (fees paid directly from your investment)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.40%
Other Expenses	0.05%
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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Limited Maturity Bond Portfolio	\$46	\$144	\$252	\$567

## 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 59% 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. The dollar-weighted average effective maturity for the Portfolio is expected to be between one and five years. 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 Adviser. Should the Adviser determine that the Portfolio would benefit from reducing the percentage of its assets invested in such investment grade securities from 80% to a lesser amount, it will notify you at least 60 days prior to the change.

The Adviser uses fundamental, quantitative and technical investment analysis techniques to determine what debt obligations to buy and sell. The Adviser focuses on companies that it believes are financially sound and have strong cash flow, asset values and interest or dividend earnings. Some of these companies may be foreign ones. Additionally, the Portfolio may 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. Please note that the Portfolio will likely use an interest rate management technique that includes the purchase and sale of U.S. Treasury securities and related futures contracts for the purpose of managing the duration of the Portfolio. The Portfolio may also invest in series of the Thrivent Core Funds, which are mutual funds that are only offered to the Portfolio and its affiliates and that do not charge an investment advisory fee.

## *Principal Risks*

The Portfolio is subject to the following principal investment risks. Shares of the Portfolio will rise and fall in value and there is a risk that you could lose money by investing in the Portfolio. The Portfolio cannot be certain that it will achieve its investment objective.

**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.

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

**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment. Bonds may exhibit price fluctuations due to changes in interest rates or bond yield levels.

**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.

**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.

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

**Interest Rate Risk.** Interest rate risk is the risk that bond prices decline in value when interest rates rise for bonds that pay a fixed rate of interest. 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. Changes by the Federal Reserve to monetary policies could affect interest rates and the value of some securities.

**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. 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 Adviser 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.

**Foreign Securities Risk.** Foreign securities are generally more volatile than their domestic counterparts, in part because of higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates. 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.

**Mortgage-Related and Other Asset-Backed Securities Risk.** The value of mortgage-related 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.

**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.

**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.

**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.

**Investment Adviser Risk.** The Portfolio is actively managed and the success of its investment strategy

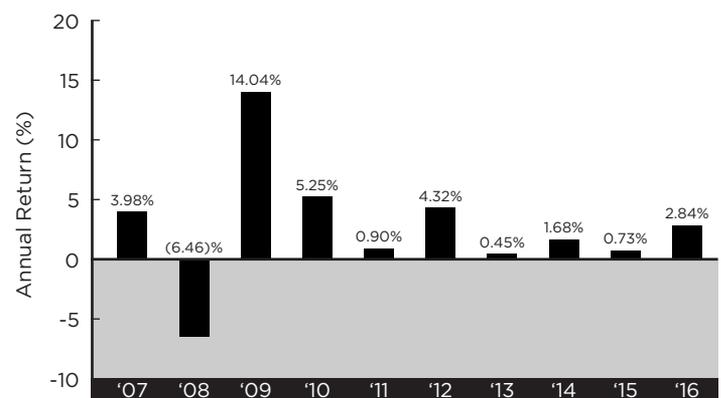
depends significantly on the skills of the Adviser in assessing the potential of the investments in which the Portfolio invests. This assessment of investments may prove incorrect, resulting in losses or poor performance, even in rising markets.

## Volatility and 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 is the Bloomberg Barclays Government/Credit 1-3 Year Bond Index, which measures the performance of government and corporate fixed-rate debt securities with maturities of 1-3 years. Call (800) THRIVENT (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.



Best Quarter:	Q2 '09	+5.67%
Worst Quarter:	Q3 '08	(3.16)%

AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)			
Thrivent Limited Maturity Bond Portfolio	1 Year 2.84%	5 Years 1.99%	10 Years 2.66%
Bloomberg Barclays Government/Credit 1-3 Year Bond Index (reflects no deduction for fees, expenses or taxes)	1.28%	0.92%	2.44%

## *Management*

### *Investment Adviser(s)*

The Portfolio is managed by Thrivent Financial.

### *Portfolio Manager(s)*

**Gregory R. Anderson, CFA** and **Michael G. Landreville, CFA, CPA (inactive)** have served as portfolio managers of the Portfolio since the respective years of 2005 and 2001. Mr. Anderson has been with Thrivent Financial since 1997 and has served as a portfolio manager since 2000. Mr. Landreville has been with Thrivent Financial since 1983 and has served as a portfolio manager since 1998.

### *Other Information*

For important tax information and information about financial intermediary compensation, please turn to "Information Pertaining to all Portfolios" on page 102 of this prospectus.

# Thrivent Money Market Portfolio

## Investment Objective

Thrivent Money Market 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 (fees paid directly from your investment)	
Maximum Sales Charge (load)	N/A
Maximum Deferred Sales Charge (load)	N/A
ANNUAL FUND OPERATING EXPENSES AS A PERCENTAGE OF AVERAGE NET ASSETS (expenses that you pay each year as a percentage of the value of your investment)	
Management Fees	0.35%
Other Expenses	0.11%
Total Annual Portfolio Operating Expenses	0.46%

**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:

	1 Year	3 Years	5 Years	10 Years
Thrivent Money Market Portfolio	\$47	\$148	\$258	\$579

## Principal Strategies

The Portfolio tries 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 the 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.

**Credit Risk.** Credit risk is the risk that an issuer of a bond to which the Portfolio is exposed may no longer be able to pay its debt. As a result of such an event, the

bond may decline in price and affect the value of the Portfolio. Credit risk is expected to be low for the Portfolio because of its investments in government securities.

**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.

**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 Bank 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 Bank 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.

**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 does not have the ability to impose liquidity fees or temporarily suspend redemptions, the Portfolio may deny the payment of redemption proceeds or suspend redemptions during its liquidation when permitted by applicable regulations.

### Volatility and Performance

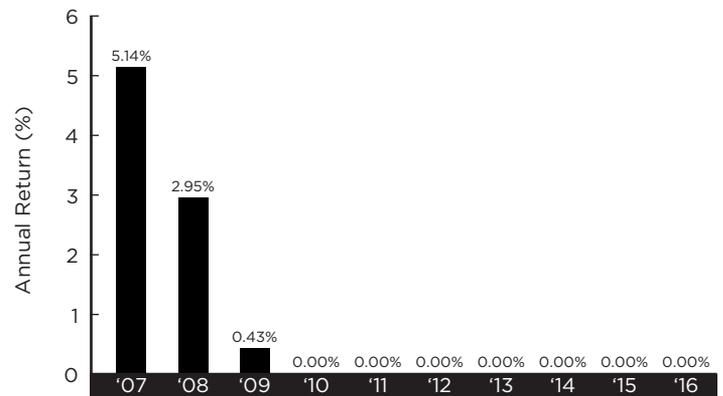
The following bar chart and table provide an indication of the risks of investing in the Portfolio by showing changes in the Portfolio's performance from year to year and by showing the Portfolio's average annual returns for one-, five- and ten-year periods. Call (800)

THRIVENT (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. 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.

### YEAR-BY-YEAR TOTAL RETURN



Best Quarter:	Q4 '07	+1.28%
Worst Quarter: <sup>1</sup>	Q4 '16	+0.00%

<sup>1</sup>The Portfolio's performance was also 0.00% for Q1 '10 through Q3 '16.

AVERAGE ANNUAL TOTAL RETURNS (PERIODS ENDING DECEMBER 30, 2016)			
	1 Year	5 Years	10 Years
Thrivent Money Market Portfolio	0.00%	0.00%	0.84%

The 7-day yield for the period ended December 30, 2016 was 0.00%. You may call (800) THRIVENT (847-4836) to obtain the Portfolio's current yield information.

### Management

#### Investment Adviser(s)

The Portfolio is managed by Thrivent Financial.

#### Portfolio Manager(s)

**William D. Stouten** has served as portfolio manager of the Portfolio since 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.

### *Other Information*

For important tax information and information about financial intermediary compensation, please turn to “Information Pertaining to all Portfolios” on page 102 of this prospectus.

# Information Pertaining to all Portfolios

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## *Tax Information*

For information about certain tax-related aspects of investing in a 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.

## *Purchase and Sale of Shares*

Shares in Thrivent Series Fund, Inc. (the "Fund") are currently sold, without any minimum initial or subsequent investment requirements, only to:

- Separate accounts of Thrivent Financial and Thrivent Life Insurance Company; and
- Other Portfolios of the Fund.

# More about Investment Strategies and Risks

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Each Portfolio's investment objective and principal strategies are described in the "Summary Section" above. The principal strategies are the strategies that a Portfolio's investment adviser and sub-adviser (if applicable) believe are most likely to be important in trying to achieve the Portfolio's investment objective. Please note that each Portfolio may also use strategies and invest in securities that are not described in this prospectus, but that are described in the statement of additional information.

## *Information about Certain Principal Investment Strategies*

This section provides additional information about some of the securities and other practices in which certain Portfolios engage, along with their associated risks.

**When-Issued Securities.** A Portfolio may invest in securities prior to their date of issue. These securities could fall in value by the time they are actually issued, which may be any time from a few days to over a year. In addition, no income will be earned on these securities until they are actually delivered.

**Exchange Traded Funds ("ETFs").** An ETF is an investment company that holds a portfolio of investments generally designed to track the performance of an index, including industry, sector, country and region indexes. An ETF trades on a securities exchange.

Generally, investments in other investment companies (including ETFs) are subject to statutory limitations prescribed by the Investment Company Act of 1940, as amended. These limitations include a prohibition on a Portfolio acquiring more than 3% of the voting shares of any other investment company, and a prohibition on investing more than 5% of the Portfolio's total assets in the securities of any one investment company or more than 10% of its total assets, in the aggregate, in investment company securities. Many ETFs, however, have obtained exemptive relief from the Securities and Exchange Commission to permit unaffiliated funds to invest in the ETFs' shares beyond these statutory limitations, subject to certain conditions and pursuant to a contractual arrangement between the ETFs and the investing Portfolio. The Portfolios may rely on these exemptive orders in order to invest in certain ETFs beyond the foregoing statutory limitations.

**Real Estate Investment Trusts ("REITs").** 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 incomes from the properties they own, while mortgage REITs may be affected by the credit quality of the mortgage loans they hold. All types of REITs may be affected by changes in interest rates. REITs are subject to other risks as well, including the fact that REITs are dependent on specialized management skills which may affect their ability to generate cash flow for operating purposes and to make distributions to shareholders or unitholders. REITs may have limited diversification and are subject to the risks associated with obtaining financing for real property. A REIT can pass its income through to shareholders or unitholders without any tax at the entity level if it complies with various requirements under the Internal Revenue Code. There is the risk that a REIT held by a Portfolio will fail to qualify for this tax-free pass-through treatment of its income. By investing in REITs indirectly through a 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.

**Zero Coupons.** A zero coupon security is a debt security that is purchased and traded at discount to its face value because it pays no interest for some or all of its life. Interest, however, is reported as income to the Portfolio that has purchased the security and the Portfolio is required to distribute to shareholders an amount equal to the amount reported. Those distributions may require the Portfolio to liquidate securities at a disadvantageous time.

**Foreign Securities.** Foreign securities are generally more volatile than their domestic counterparts, in part because of higher political and economic risks, lack of reliable information and fluctuations in currency exchange rates. These risks are usually higher in less developed countries. Each of the Portfolios, except Thrivent Money Market Portfolio, may use foreign currencies and related instruments, including foreign currency exchange transactions, to hedge its foreign investments.

Foreign securities also may be more difficult to resell than comparable U.S. securities because the markets for foreign securities are less efficient. Even where a foreign security increases in price in its local currency, the appreciation may be diluted by the negative effect of 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 Securities.** A security is considered to be an "emerging market" security if issued by a company that Fund 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;
- derives the highest concentration of its annual revenue or earnings or assets from goods produced, sales made or services performed in an emerging market country; and/or
- issues securities denominated in the currency of an emerging market country (and meets one of the other criteria set forth above).

An “emerging market” country is any country determined by Fund management 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, Japan, Australia, New Zealand and most nations located in Western Europe.

**International Exposure.** Many U.S. companies in which the Portfolios may invest generate significant revenues and earnings from abroad. As a result, these companies and the prices of their securities may be affected by weaknesses in global and regional economies and the relative value of foreign currencies to the U.S. dollar. These factors, taken as a whole, could adversely affect the performance of a Portfolio.

**Foreign Currency Transactions.** The Portfolios may conduct foreign currency exchange transactions, normally either on a spot (*i.e.*, cash) basis at the spot rate prevailing in the foreign currency exchange market, or through entering into forward contracts to purchase or sell foreign currencies. The Portfolios will generally not enter into a forward contract with a term greater than one year.

Under unusual circumstances, Thrivent Partner Worldwide Allocation Portfolio may commit a substantial portion of its portfolio to the consummation of these contracts. Although forward contracts may be used to protect a Portfolio from adverse currency movements, they also involve the risk that anticipated currency movements will not be accurately predicted, and the Portfolio’s total returns could be adversely affected as a result.

There are some markets where it is not possible to engage in effective foreign currency hedging. This is generally true, for example, for the currencies of various emerging markets where the foreign exchange markets are not sufficiently developed to permit hedging activity to take place.

**Illiquid Securities.** Each of the Portfolios may invest up to 15% of net assets (5% of net assets for Thrivent Money Market Portfolio) in illiquid securities. Any securities that are thinly traded or whose resale is

restricted can be difficult to sell at a desired time and price. Some of these securities are new and complex, and trade only among institutions. The markets for these securities are still developing and may not function as efficiently as established markets. Owning a large percentage of illiquid securities could hamper a Portfolio’s ability to raise cash to meet redemptions. Also, because there may not be an established market price for these securities, a Portfolio may have to estimate their value, which means that their valuation (and, to a much smaller extent, the valuation of the Portfolio) may have a subjective element.

**Securities Lending.** Each of the Portfolios except Thrivent Money Market Portfolio may seek additional income by lending securities to qualified institutions. By reinvesting any cash collateral it receives in these transactions, a Portfolio could realize additional gains or losses. If the borrower fails to return the securities and the invested collateral has declined in value, the Portfolio could lose money.

**Derivatives.** Derivatives, a category that includes options, futures, swaps and hybrid instruments, are financial instruments whose value derives from another security, an index, an interest rate, or a currency. Each Portfolio may use derivatives for hedging (attempting to offset a potential loss in one position by establishing an interest in an opposite position). This includes the use of currency-based derivatives for hedging its positions in foreign securities. Each Portfolio may also use derivatives to obtain investment exposure to a certain asset class or speculation (investing for potential income or capital gain).

While hedging can guard against potential risks, using derivatives adds to the Portfolio’s expenses and can eliminate some opportunities for gains. There is also a risk that a derivative intended as a hedge may not perform as expected. For example, the price or value of the underlying instrument, asset, index, currency or rate may move in a different direction than expected or such movements may be of a magnitude greater or less than expected.

Another risk with derivatives is that some types can amplify a gain or loss, potentially earning or losing substantially more money than the actual cost (if any) incurred when the derivative is entered into by a Portfolio. In addition, a derivative used for hedging or replication may not accurately track the value of the underlying asset, index or rate.

With some derivatives, whether used for hedging, replication or speculation, there is also the risk that the counterparty may fail to honor its contract terms, causing a loss for the Portfolio. In addition, suitable derivative investments for hedging, replication or speculative purposes may not be available.

Derivatives can be difficult to value and illiquid, which means a Portfolio may not be able to close out a derivatives transaction in a cost-efficient manner. Futures contracts are subject to the risk that an exchange may impose price fluctuation limits, which may make it difficult or impossible for a Portfolio to close out a position when desired.

Hybrid instruments (a type of potentially high-risk derivative) can combine the characteristics of securities, futures, and options. For example, the principal amount, redemption, or conversion terms of a security could be related to the market price of some commodity, currency, or securities index. Such securities may bear interest or pay dividends at below market or even relatively nominal rates. Under certain conditions, the redemption value of a hybrid could be zero.

#### **Mortgage-Backed and Asset-Backed Securities.**

Mortgage-backed securities are securities that are backed by pools of mortgages and which pay income based on the payments of principal and income they receive from the underlying mortgages. Asset-backed securities are similar but are backed by other assets, such as pools of consumer loans. Both are sensitive to interest rate changes as well as to changes in the repayment patterns of the underlying securities. If the principal payment on the underlying asset is repaid faster or slower than the holder of the mortgage-backed or asset-backed security anticipates, the price of the security may fall, especially if the holder must reinvest the repaid principal at lower rates or must continue to hold the securities when interest rates rise.

**Collateralized Debt Obligations.** Thrivent Limited Maturity Bond Portfolio may invest in collateralized debt obligations (“CDOs”) as a principal strategy, the other Portfolios may do so as a non-principal strategy. CDOs are types of asset-backed securities. Collateralized loan obligations (“CLOs”) are ordinarily issued by a trust or other special purpose entity and are typically collateralized by a pool of loans, which may include, among others, domestic and non-U.S. senior secured loans, senior unsecured loans, and subordinate corporate loans, including loans that may be rated below investment grade or equivalent unrated loans, held by such issuer. Normally, collateralized bond obligations (“CBOs”), CLOs and other CDOs are privately offered and sold, and thus are not registered under the securities laws. As a result, investments in CDOs may be characterized by the Portfolio as illiquid securities.

**High-Yield Bonds.** High yield bonds are debt securities rated below BBB by S&P or Baa by Moody’s or unrated securities deemed to be of comparable quality by the Adviser. To the extent that a Portfolio invests in high yield bonds, it takes on the following risks:

- The risk of a bond’s issuer defaulting on principal or interest payments is greater than on higher quality bonds.
- Issuers of high-yield bonds are less secure financially and are more likely to be hurt by interest rate increases and declines in the health of the issuer or the economy.

**Adjustable Rate Securities.** The interest rate may be adjusted daily or at specified intervals (such as monthly, quarterly or annually). Adjustments may be based on a referenced market rate (such as the London Interbank Offer Rate or “LIBOR”) for a specified term (such as one, three or twelve months). For some securities, adjustments are made by a third-party or auction process designed to maintain a market value close to the security’s face amount. Adjustments may be limited by caps or floors.

Some adjustable rate securities are payable upon demand, which should reduce the volatility of their market values. The right to demand payment may be exercisable after a specified notice period (such as seven or thirty days) and only at specified intervals (such as at the end of a calendar month or quarter). The right to demand payment may terminate upon certain events (such as the issuer’s insolvency).

So long as the Adviser expects an adjustable rate security’s market value to approximate its face value after each interest rate adjustment, the Adviser may rely on the interest rate when calculating a Portfolio’s dollar-weighted average maturity or duration. The market value of an adjustable rate security may nevertheless decline, due to changes in market conditions or the financial condition of the issuer and the effects of caps or floors on interest rate adjustments.

**Securities Ratings.** When fixed-income securities are rated by one or more independent rating agencies, a Portfolio uses these ratings to determine bond quality. Investment grade bonds are those that are rated within or above the BBB major rating category by S&P or the Baa major rating category by Moody’s, or unrated but considered of equivalent quality by the Portfolio’s adviser. High-yield bonds are below investment grade bonds in terms of quality.

In cases where a bond is rated in conflicting categories by different rating agencies, a Portfolio (other than the Thrivent Money Market Portfolio) may choose to follow the higher rating. If a bond is unrated, the Portfolio may assign it to a given category based on its own credit research. If a rating agency downgrades a security, the Portfolio will determine whether to hold or sell the security, depending on all of the facts and circumstances at that time.

**Short-Term Trading.** The investment strategy for each Portfolio at times may include short-term trading. While a Portfolio ordinarily does not trade securities for

short-term profits, it will sell any security at any time it believes best, which may result in short-term trading. Short-term trading can increase a Portfolio's transaction costs.

**Initial Public Offerings.** Each Portfolio may purchase securities in initial public offerings (IPOs) of securities. IPOs issued by unseasoned companies with little or no operating history are risky and their prices are highly volatile, but they can result in very large gains in their initial trading. Thus, when the Portfolio's size is smaller, any gains from IPOs will have an exaggerated impact on the Portfolio's reported performance than when the Portfolio is larger. Attractive IPOs are often oversubscribed and may not be available to the Portfolio, or only in very limited quantities. There can be no assurance that a Portfolio will have favorable IPO investment opportunities.

## *Information about Certain Non-Principal Investment Strategies*

**Defensive Investing.** In response to market, economic, political, or other conditions, each Portfolio (other than the Money Market Portfolio) may invest without limitation in cash, preferred stocks, or investment-grade debt instruments for temporary defensive purposes that are not part of the Portfolio's principal investment strategies. If the Portfolio does this, different factors could affect the Portfolio's performance and it may not achieve its investment objective.

**Unusual Opportunities.** Each of the Portfolios may purchase some securities that do not meet its normal investment criteria when the investment adviser or subadviser perceives an unusual opportunity for gain, which could include a variety of factors, including a change in management, an extraordinary corporate event, or a temporary imbalance in the supply of or demand for the securities. If the anticipated gains do not materialize, the Portfolio could lose money from such an investment.

**In-Kind Redemptions.** A Portfolio may redeem its shares in-kind (i.e., with portfolio securities of the Portfolio), subject to applicable regulatory requirements, to certain shareholders seeking an in-kind redemption.

## *Glossary of Principal Risks*

The main risks associated with investing in each Portfolio are summarized in "Summary Section" above. More detailed descriptions of the main risks and additional risks of the Portfolios are described below. Please note that each Portfolio also may use strategies and be subject to risks that are not described in this

prospectus, but that are described in the statement of additional information.

**Allocation Risk.** Certain Portfolios' 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.

**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. A 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.

**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 NAV); and that CEFs are permitted to invest in a greater amount of "illiquid" securities than typical mutual funds. A 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.

**Collateralized Debt Obligations ("CDO") Risk.** The risks of an investment in a 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.

**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. A Portfolio may also be forced to convert a convertible security at an inopportune time, which may decrease the Portfolio’s return.

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

**Cyber Security Risk.** With the increased use of the Internet and other technologies, the Portfolios and their service providers are subject to operational and information security risks resulting from cyber-attacks and/or other technological malfunctions or programming inaccuracies. In general, cyber-attacks are deliberate, but unintentional events may have similar effects. Successful cyber-attacks against, or security breakdowns of, a Portfolio or any affiliated or third-party service provider may adversely affect the Portfolio or its shareholders. While the Portfolios and their service providers have established business continuity plans and systems designed to prevent cyber-attacks, there are inherent limitations in such plans and systems including the possibility that certain risks have not been identified. Similar types of cyber security risks also are present for issuers of securities in which the Portfolios invest, which could result in material adverse consequences for such issuers, and may cause a Portfolio’s investment in such securities to lose value.

**Derivatives Risk.** The use of derivatives (such as futures and swaps) involves additional risks and transaction costs which could leave the Portfolio in a worse position than if it had not used these instruments. 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. Derivatives are also subject to the risk that the other party in the transaction will not fulfill its contractual obligations.

**Emerging Markets Risk.** The economic and political structures of developing nations, 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 nations in the midst of, among other things, hyperinflation, currency devaluation, trade disagreements, sudden political upheaval or interventionist government policies. 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.

**ETF Risk.** An ETF is subject to the risks of the underlying investments that it holds. For index-based ETFs, while such ETFs seek to achieve the same returns as a particular market index, 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) and a Portfolio will indirectly bear its proportionate share of any such fees and expenses paid by the ETFs in which it invests. In addition, ETF shares may trade at a premium or discount to their net asset value. As ETFs trade on an exchange, they are subject to the risks of any exchange-traded instrument, including: (i) an active trading market for its shares may not develop or be maintained, (ii) trading of its shares may be halted by the exchange, and (iii) its shares may be delisted from the exchange.

**Financial Sector Risk.** Companies in the financial sector of an economy are subject to extensive governmental regulation and intervention, which may adversely affect the scope of their activities, the prices they can charge, the amount of capital they must maintain and, potentially, their size. Governmental regulation may change frequently and may have significant adverse consequences for companies in the financial sector, including effects not intended by such regulation. The impact of recent or future regulation in various countries of any individual financial company or of the financials sector as a whole cannot be predicted. Certain risks may impact the value of investments in the financial sector more severely than those of investments outside this sector, including the risks associated with companies that operate with substantial financial leverage. Companies in the financial sector may also be adversely affected by increases in interest rates and loan losses, decreases in the availability of money or asset valuations, credit rating downgrades and adverse conditions in other related markets. Insurance companies, in particular, may be subject to severe price competition and/or rate regulation, which may have an adverse impact on their profitability. During the financial crisis that began in 2007, the deterioration of the credit markets impacted a broad range of mortgage, asset-backed, auction rate, sovereign debt and other markets, including U.S. and non-U.S. credit and interbank money markets, thereby affecting a wide range of financial institutions and

markets. During the financial crisis, a number of large financial institutions failed, merged with stronger institutions or had significant government infusions of capital. Instability in the financial markets caused certain financial companies to incur large losses. Some financial companies experienced declines in the valuations of their assets, took actions to raise capital (such as the issuance of debt or equity securities), or even ceased operations. Some financial companies borrowed significant amounts of capital from government sources. Those actions caused the securities of many financial companies to decline in value. The financials sector is particularly sensitive to fluctuations in interest rates. The financials sector is also a target for cyber attacks and may experience technology malfunctions and disruptions. In recent years, cyber attacks and technology failures have become increasingly frequent and have caused significant losses.

**Foreign Securities Risk.** Foreign securities are generally more volatile than their domestic counterparts, in part because of higher political and economic risks, lack of reliable information, and fluctuations in currency exchange rates. Foreign securities also may 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.

Securities of foreign companies in which the Portfolio invests generally carry more risk than securities of U.S. companies. The economies and financial markets of certain regions—such as Latin America, Asia, Europe and the Mediterranean region—can be highly interdependent and may decline at the same time. Certain European countries in which a Portfolio may invest have recently experienced significant volatility in financial markets and may continue to do so in the future. The impact of the United Kingdom's intended departure from the European Union, commonly known as "Brexit," and the potential departure of one or more other countries from the European Union may have significant political and financial consequences for global markets. These consequences include greater market volatility and illiquidity, currency fluctuations, deterioration in economic activity, a decrease in business confidence and an increased likelihood of a recession in such markets. Uncertainty relating to the withdrawal procedures and timeline may have adverse effects on asset valuations and the renegotiation of current trade agreements, as well as an increase in financial regulation in such markets. This may adversely impact Portfolio performance.

Other risks result from the varying stages of economic and political development of foreign countries; the differing regulatory environments, trading days, and accounting standards of foreign markets; and higher transaction costs. 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. The Portfolio is also subject to the risk that 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.

**Government Securities Risk.** Certain Portfolios invest in securities issued or guaranteed by the U.S. government or its agencies and instrumentalities (such as Ginnie Mae, Fannie Mae or Freddie Mac securities). Securities issued or guaranteed by 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 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.

**Healthcare Industry Risk.** As a sector fund that invests primarily in the healthcare industry, the Partner Healthcare 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.

**High Yield Risk.** High yield securities - commonly known as “junk bonds” - 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.

**Interest Rate Risk.** Interest rate risk is the risk that bond prices decline in value when interest rates rise for bonds that pay a fixed rate of interest. Bonds with longer durations or maturities tend to be more sensitive to changes in interest rates than bonds 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, 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 these Portfolios to decline and reduce the overall return of the Portfolios.

In the case of the **Money Market Portfolio** a weak economy, strong equity markets, or changes by the Federal Reserve to its monetary policies may cause short-term interest rates to decline and affect the value of the Portfolio.

**Investing-in-Funds Risk.** The Thrivent Asset Allocation Portfolios allocate their assets, in part, among certain of the other Portfolios (“Underlying Portfolios”). From time to time, one or more of the Underlying Portfolios may experience relatively large investments or redemptions due to reallocations or rebalancings by the Thrivent Asset Allocation Portfolios or other investors. These transactions may affect the Underlying Portfolios since Underlying Portfolios that experience redemptions as a result of reallocations or rebalancings may have to sell portfolio securities and since Underlying Portfolios that receive additional cash will have to invest such cash. These effects may be particularly important when one or more of the Thrivent Asset Allocation Portfolios owns a substantial portion of any Underlying Portfolio. While it is impossible to predict the overall impact of these transactions over time, the performance of an

Underlying Portfolio may be adversely affected if the Underlying Portfolio is required to sell securities or invest cash at inopportune times. These transactions could also increase transaction costs and accelerate the realization of taxable income if sales of securities resulted in gains. Because the Thrivent Asset Allocation Portfolios may own substantial portions of some Underlying Portfolios, a redemption or reallocation by a Thrivent Asset Allocation Portfolio away from an Underlying Portfolio could cause the Underlying Portfolio’s expenses to increase. As an investor in an Underlying Portfolio, a Thrivent Asset Allocation Portfolio will bear its ratable share of the Underlying Portfolio’s expenses, in addition to the expenses of the Thrivent Asset Allocation Portfolio with respect to the assets so invested.

**Investment Adviser Risk.** The Portfolios (except **Small Cap Index Portfolio, Mid Cap Index Portfolio, Large Cap Index Portfolio, and Bond Index Portfolio**) are 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.

**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 a Portfolio to the risks of owning the underlying investments that the other investment company holds. If investment company securities are purchased at a premium to net asset value, the premium may not exist when those securities are sold and a Portfolio could incur a loss.

**Issuer Risk.** Issuer risk is the possibility that factors specific to a company to which a Portfolio is exposed will affect the market prices of the company’s securities and therefore the value of the Portfolio. Some factors affecting the performance of a company include demand for the company’s products or services, the quality of management of the company and brand recognition and loyalty. To the extent that a Portfolio invests in common stock, common stock of a company is subordinate to other securities issued by the company. If a company becomes insolvent, interests of investors owning common stock will be subordinated to the interests of other investors in and general creditors of, the company.

**Large Cap Risk.** Large cap 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 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.”

**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. Certain securities (*i.e.*, small-cap stocks, foreign securities, and high-yield bonds) often have a less liquid resale market. As a result, the Adviser or subadviser may have difficulty selling or disposing of securities quickly in certain markets or may only be able to sell the holdings at prices substantially less than what the Adviser or subadviser believes they are worth. Less liquid securities can also become more difficult to value.

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. In addition, inventories of municipal bonds held by brokers and dealers have decreased in recent years, lessening their ability to make a market in these securities. As a result of this decreased liquidity, the Adviser or subadviser 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.

In October 2016, the Securities and Exchange Commission (“SEC”) adopted new regulations that may limit a Portfolio’s ability to invest in illiquid and less liquid investments. These limitations may adversely affect a Portfolio’s performance and ability to pursue its investment objective when the regulations are expected to take effect on December 1, 2018.

**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.

**Master Limited Partnership (“MLP”) Risk.** MLPs are subject to risks such as limited partner risk, liquidity risk interest rate risk and general partner risk.

- An MLP is a public limited partnership or limited liability company taxed as a partnership. The risks of investing in an MLP are similar to those of investing in a partnership, including more flexible governance structures, which could result in less protection for investors than investments in a corporation. Investors in an MLP normally would not be liable for the debts of the MLP beyond the amount that the investor has contributed but investor may not be shielded to the same extent that a shareholder of a corporation would be. In certain circumstances, creditors of an MLP would have the right to seek return of capital distributed to a limited partner, which right would continue after an investor sold its investment in the MLP.
- The ability to trade on a public exchange or in the over-the-counter market provides a certain amount of liquidity not found in many limited partnership investments. However, MLP interests may be less liquid than conventional publicly traded securities and, therefore, more difficult to trade at desirable times and/or prices.
- MLP distributions may be reduced by fees and other expenses incurred by the MLP. MLPs generally are considered interest-rate sensitive investments. During periods of interest rate volatility, these investments may not provide attractive returns.
- The holder of the general partner or managing member interest can be liable in certain circumstances for amounts greater than the amount of the holder’s investment in the general partner or managing member.

**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.

**Mortgage-Related and Other Asset-Backed Securities Risk.** The value of mortgage-related 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.

**Multi-Manager Risk.** Thrivent Series Fund, Inc. (the “Fund”) and Thrivent Financial for Lutherans have received an exemptive order from the SEC (known as a “multi-manager order”) that permits them to hire and fire one or more subadvisers for the Portfolios without a contractholder vote, subject to approval by the Fund’s Board of Directors and contractholder notice. During the transition of management of Portfolio assets from one subadviser to another, it is possible that the Portfolio will not be fully invested in accordance with the Portfolio’s prospectus and, therefore, will not be fully pursuing its investment objective during such transition. In addition, 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. These aspects of the risk apply to any Portfolio with one or more subadvisers. For a Portfolio that has multiple subadvisers, the investment styles employed by the subadvisers may not be complementary. The interplay of the various strategies employed by the subadvisers 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. It is also possible that one subadviser could be selling a particular security or security from a certain country while another subadviser could be purchasing the same security or a security from that same country.

**Non-Diversified Risk.** A Portfolio that is not “diversified” within the meaning of the 1940 Act 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.

**Portfolio Turnover Rate Risk.** A 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.

**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.

**Real Estate Industry Risk.** To the extent a 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.

**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 incomes 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. 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.

**Redemption Risk.** A Portfolio may need to sell portfolio securities to meet redemption requests. A 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. A Portfolio may suspend redemptions or the payment of redemption proceeds when permitted by applicable regulations.

**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 cushion returns in a falling 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.

**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 and unseasoned companies, may be subject to more abrupt or erratic market movements than the stock market in general. These 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.

**Underlying Portfolio Risk.** The performance of the Portfolio is dependent, in part, upon the performance of the Underlying Portfolios in which the Portfolio invests. As a result, the Portfolio is subject to the same risks as those faced by the Underlying Portfolios. Those risks may include, among others, market risk, issuer risk, volatility risk, foreign securities risk, real estate industry risk, credit risk, interest rate risk, high yield risk and investment adviser risk.

As a shareholder of the Portfolio, you will bear your share of the Portfolio's operating expenses as well as the Portfolio's share of the Underlying Portfolios' operating expenses. Consequently, an investment in the Portfolio would result in higher aggregate operating costs than investing directly in the Underlying Portfolios.

**Volatility Risk.** Volatility risk is the risk that certain types of securities shift in and out of favor depending on market and economic conditions as well as investor sentiment.

## *Glossary of Investment Terms*

### ***Dollar-Weighted Average Effective Maturity.***

Measure of the Portfolio that is determined by calculating the average maturity of each debt security owned by the Portfolio, weighting each security according to the amount that it represents in the Portfolio. In addition, for asset-backed and mortgage-backed securities, as well as bonds with required prepayments or redemption rights, the calculation considers the expected prepayments of the underlying securities and/or the present value of a mandatory stream of prepayments.

***Duration.*** A measure of price sensitivity of a bond or bond fund to changes in interest rates. While duration is similar to maturity in that the result is stated in years, it is a better indicator of price sensitivity than maturity since it takes into account the time value of future cash flows generated over the bond's life. Since duration can be computed for bond funds by using a weighted approach, the approximate effect on a bond fund's price can be estimated by multiplying the fund's duration by an expected change in interest rates. For example, if interest rates were to rise by 1%, the net asset value of a bond fund with an average duration of 5 years would be expected to fall 5%.

### ***Fundamental Investment Research Techniques.***

Research techniques that generally assess a company or security's value based on a broad examination of financial data, quality of management, business concept and competition.

***Maturity.*** A bond fund has no real maturity, but it does have a dollar-weighted average effective maturity that represents an average of the effective maturities of the

underlying bonds, with each bond's effective maturity "weighted" by the percent of fund assets it represents. For bonds that are most likely to be called before maturity, the effective maturity of a bond is usually the call date.

***Quantitative Investment Research Techniques.***

Research techniques that generally focus on a company's financial statements and assess a company or security's value based on appropriate financial ratios that measure revenue, profitability and financial structure.

***Technical Investment Research Techniques.***

Research techniques that generally involve the study of trends and movements in a security's price, trading volume and other market-related factors in an attempt to discern patterns.

# Management

## Investment Adviser

Thrivent Financial, 625 Fourth Avenue South, Minneapolis, Minnesota 55415, serves as investment adviser for each of the Portfolios of Thrivent Series Fund, Inc. (the "Fund"). Thrivent Financial and its affiliates have been in the investment advisory business since 1986 and managed approximately \$106 billion in assets as of December 31, 2016, including approximately \$46 billion in mutual fund assets.

Thrivent Financial provides investment research and supervision of the assets for the following Portfolios:

Thrivent Aggressive Allocation Portfolio	Thrivent Mid Cap Index Portfolio
Thrivent Moderately Aggressive Allocation Portfolio	Thrivent Large Cap Growth Portfolio
Thrivent Moderate Allocation Portfolio	Thrivent Large Cap Value Portfolio
Thrivent Moderately Conservative Allocation Portfolio	Thrivent Large Cap Stock Portfolio
Thrivent Growth and Income Plus Portfolio	Thrivent Large Cap Index Portfolio
Thrivent Diversified Income Plus Portfolio	Thrivent Low Volatility Equity Portfolio
Thrivent Balanced Income Plus Portfolio	Thrivent Multidimensional Income Portfolio
Thrivent Opportunity Income Plus Portfolio	Thrivent High Yield Portfolio
Thrivent Real Estate Securities Portfolio	Thrivent Income Portfolio
Thrivent Small Cap Stock Portfolio	Thrivent Bond Index Portfolio
Thrivent Small Cap Index Portfolio	Thrivent Limited Maturity Bond Portfolio
Thrivent Mid Cap Stock Portfolio	Thrivent Money Market Portfolio

In addition, Thrivent Financial also provides investment research and supervision of a portion of the assets of the Thrivent Partner Worldwide Allocation Portfolio.

For each of the other Portfolios listed below (the "Subadvised Portfolios"), Thrivent Financial establishes the overall investment strategy and evaluates, selects and recommends, subject to the approval of the Board of Directors of the Portfolio, one or more subadvisers to manage the investments of the Subadvised Portfolios. It also allocates assets to the subadvisers, monitors the performance, security holdings and investment strategies of the subadvisers and, when appropriate, researches any potential new subadviser for the Portfolios. Thrivent Financial has ultimate responsibility

to oversee the subadvisers and recommend their hiring, termination and replacement. The Subadvised Portfolios include the following:

Thrivent Partner Healthcare Portfolio	Thrivent Partner All Cap Portfolio
Thrivent Partner Emerging Markets Equity Portfolio	Thrivent Partner Growth Stock Portfolio
Thrivent Partner Worldwide Allocation Portfolio	

Thrivent Financial and the Fund have received an exemptive order from the SEC that permits Thrivent Financial and the Portfolios, with the approval of the Fund's Board of Directors, to retain one or more subadvisers for the Portfolios, or subsequently change a subadviser, without submitting the respective investment subadvisory agreements, or material amendments to those agreements, to a vote of the shareholders of the applicable Portfolio. Thrivent Financial will notify variable contract owners in the event of any change in the identity of the subadviser of a Portfolio.

## Advisory Fees

Each Portfolio pays an annual investment advisory fee to the investment adviser. During the year ended December 31, 2016, Thrivent Financial received the following advisory fees, expressed as a percentage of the Portfolio's average daily net assets:<sup>1</sup>

PORTFOLIO	ADVISORY FEE
Thrivent Aggressive Allocation Portfolio <sup>2</sup> .....	0.74%
Thrivent Moderately Aggressive Allocation Portfolio <sup>2</sup> .....	0.66%
Thrivent Moderate Allocation Portfolio <sup>2</sup> .....	0.60%
Thrivent Moderately Conservative Allocation Portfolio <sup>2</sup> .....	0.56%
Thrivent Growth and Income Plus Portfolio.....	0.65%
Thrivent Balanced Income Plus Portfolio.....	0.55%
Thrivent Diversified Income Plus Portfolio.....	0.40%
Thrivent Opportunity Income Plus Portfolio.....	0.50%
Thrivent Partner Healthcare Portfolio .....	0.89%
Thrivent Partner Emerging Markets Equity Portfolio .....	1.19%
Thrivent Real Estate Securities Portfolio .....	0.80%
Thrivent Small Cap Stock Portfolio.....	0.67%
Thrivent Small Cap Index Portfolio .....	0.20%
Thrivent Mid Cap Stock Portfolio .....	0.65%
Thrivent Mid Cap Index Portfolio .....	0.20%
Thrivent Partner Worldwide Allocation Portfolio..	0.84%
Thrivent Partner All Cap Portfolio.....	0.65%
Thrivent Large Cap Growth Portfolio.....	0.40%
Thrivent Partner Growth Stock Portfolio .....	0.65%
Thrivent Large Cap Value Portfolio.....	0.60%

PORTFOLIO	ADVISORY FEE
Thrivent Large Cap Stock Portfolio .....	0.62%
Thrivent Large Cap Index Portfolio.....	0.20%
Thrivent High Yield Portfolio.....	0.40%
Thrivent Income Portfolio.....	0.40%
Thrivent Bond Index Portfolio.....	0.35%
Thrivent Limited Maturity Bond Portfolio.....	0.40%
Thrivent Money Market Portfolio .....	0.35%

- The inception date for each of Thrivent Low Volatility Equity Portfolio and Thrivent Multidimensional Income Portfolio coincides with the date of this prospectus so no advisory fee information is reflected in the table. Thrivent Low Volatility Equity Portfolio will pay Thrivent Financial an annual investment advisory fee that is equal to 0.60% of the first \$100 million of average daily net assets and 0.50% of average daily net assets over \$100 million. Thrivent Multidimensional Income Portfolio will pay Thrivent Financial an annual investment advisory fee that is equal to 0.55% of the first \$100 million of average daily net assets and 0.50% of average daily net assets over \$100 million. Thrivent Financial reimbursed certain expenses of some of the Portfolios. This table does not reflect the effects of any reimbursements. In addition, with respect to the Subadvised Portfolios, Thrivent Financial pays the applicable subadviser(s) a subadvisory fee from the advisory fee it receives from the Subadvised Portfolio. These subadvisory fees do not constitute an additional fee to you, the investor. To learn more about these subadvisory fees, please consult the Statement of Additional Information.
- The Adviser 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 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.

Certain of the Portfolios have breakpoints, which you can learn more about by consulting the Statement of Additional Information. In addition, the Fund's annual report discusses the basis for the Board of Directors' approval of the investment adviser agreement between the Fund and Thrivent Financial.

## Portfolio Management

This section provides information about the portfolio management for each of the Portfolios. The Statement of Additional Information for the Fund provides information about the portfolio managers' compensation, other accounts managed by the portfolio managers, and the portfolio managers' ownership of shares of the Portfolios.

### *Thrivent Aggressive Allocation Portfolio, Thrivent Moderately Aggressive Allocation Portfolio, Thrivent Moderate Allocation Portfolio and Thrivent Moderately Conservative Allocation Portfolio*

**Russell W. Swansen, David C. Francis, CFA** and **Mark L. Simenstad, CFA** have served as portfolio managers of these Portfolios since their inception in 2005. **Darren M. Bagwell, CFA** and **Stephen D. Lowe, CFA** have served as portfolio managers of the Portfolios since April of 2016. Mr. Swansen joined Thrivent Financial in 2003 and is the Chief Investment Officer of Thrivent Asset Mgt. and Thrivent Financial

and serves as the team leader. Mr. Francis is Vice President of Investment Equities and has been with Thrivent Financial since 2001. Mr. Simenstad is Vice President of Fixed Income Mutual Funds and Separate Accounts and has been with Thrivent Financial since 1999. Mr. Bagwell has been with Thrivent Financial since 2002 in an investment management capacity and currently is a Senior Equity Portfolio Manager. Mr. Lowe has been with Thrivent Financial since 1997 and has served as a portfolio manager since 2009.

### *Thrivent Growth and Income Plus Portfolio*

**Stephen D. Lowe, CFA** has served as a portfolio manager of the Portfolio since 2013. **Mark L. Simenstad, CFA, Noah J. Monsen, CFA,** and **Reginald L. Pfeifer, CFA** have served as portfolio managers of the Portfolio since 2015. **John T. Groton, Jr., CFA,** has served as a portfolio manager of the Portfolio since 2016. Mr. Lowe has served has been with Thrivent Financial since 1997 and has served as a portfolio manager since 2009. Mr. Simenstad is Vice President of Fixed Income Mutual Funds and Separate Accounts and has been with Thrivent Financial since 1999. Mr. Groton has been with Thrivent Financial since 2007 in an investment management capacity and currently is the firm's Director of Equity Research. Mr. Monsen has been with Thrivent Financial since 2000 and has served in an investment management capacity since 2008. Mr. Pfeifer has been with Thrivent Financial since 1990 and has served as an equity portfolio manager since 2003.

### *Thrivent Balanced Income Plus Portfolio*

**Stephen D. Lowe, CFA** has served as a portfolio manager of the Portfolio since 2013. **Mark L. Simenstad, CFA, Noah J. Monsen, CFA,** and **Reginald L. Pfeifer, CFA** have served as portfolio managers of the Portfolio since 2015. **John T. Groton, Jr., CFA,** has served as a portfolio manager of the Portfolio since 2016. Mr. Groton has been with Thrivent Financial since 2007 in an investment management capacity and currently is the firm's Director of Equity Research. Mr. Lowe has been with Thrivent Financial since 1997 and has served as a portfolio manager since 2009. Mr. Simenstad is Vice President of Fixed Income Mutual Funds and Separate Accounts 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. Pfeifer has been with Thrivent Financial since 1990 and has served as an equity portfolio manager since 2003.

### *Thrivent Diversified Income Plus Portfolio*

**Mark L. Simenstad, CFA** has served as a portfolio manager of the Portfolio since 2006. **Stephen D. Lowe, CFA, Noah J. Monsen, CFA,** and **Reginald L. Pfeifer, CFA** have served as portfolio managers of the

Portfolio since 2015. **John T. Groton, Jr., CFA**, has served as a portfolio manager of the Portfolio since 2016. Mr. Simenstad is Vice President of Fixed Income Mutual Funds and Separate Accounts and has been with Thrivent Financial since 1999. Mr. Lowe has been with Thrivent Financial since 1997 and has served as a portfolio manager since 2009. Mr. Groton has been with Thrivent Financial since 2007 in an investment management capacity and currently is the firm's Director of Equity Research. Mr. Monsen has been with Thrivent Financial since 2000 and has served in an investment management capacity since 2008. Mr. Pfeifer has been with Thrivent Financial since 1990 and has served as an equity portfolio manager since 2003.

#### *Thrivent Opportunity Income Plus Portfolio*

**Gregory R. Anderson, CFA** has served as a portfolio manager of the Portfolio since 2003. **Michael G. Landreville, CFA, CPA (inactive)** and **Conrad E. Smith, CFA** have served as portfolio managers of the Portfolio since the 2013. **Paul J. Ocenasek, CFA** and **Kent L. White, CFA** have served as portfolio managers of the Portfolio since 2015. Mr. Anderson has been with Thrivent Financial since 1997 and has served as a portfolio manager since 2000. Mr. Landreville has been with Thrivent Financial since 1983 and has served as a portfolio manager since 1998. 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.

#### *Thrivent Partner Healthcare Portfolio*

Thrivent Financial has engaged **Sectoral Asset Management Inc. ("Sectoral")**, 1010 Sherbrooke Street West, Suite 1610, Montreal, Quebec H3A 2R7, Canada, as investment subadviser for Thrivent Partner Healthcare Portfolio. Sectoral, which is 100% employee owned, specializes in managing global healthcare portfolios and has been practicing this specialty since 2000. As of December 31, 2016, Sectoral managed approximately \$1.1 billion in assets.

**Stephan Patten, CFA** has served as the portfolio manager of the Portfolio since 2008. He joined Sectoral in 2001 as an Assistant Portfolio Manager and became a Portfolio Manager in 2004. Mr. Patten is the Senior Portfolio Manager for the firm's Healthcare Strategy. He also assumes analytical coverage for several pharmaceutical companies. In 2013, Mr. Patten was nominated a Managing Director of Sectoral Asset Management and participates in the Executive Committee of the firm.

**Marc-André Marcotte, CFA** is also a portfolio manager of the Portfolio. Mr. Marcotte joined Sectoral in 2006. He is responsible for overseeing the investment research activities at Sectoral. He is also responsible for the coverage of Medical Technology companies. In September 2013, Mr. Marcotte was nominated a Managing Director of Sectoral Asset Management. Prior to joining Sectoral, he worked at CryoCath Technologies, a company specializing in the development of products to treat cardiovascular diseases, where he was the Director of Quality. Before this, he worked with Arterial Vascular Engineering (now Medtronic) in Vancouver as an engineer on angioplasty catheters and stents. He has over eight years of experience in the development of Medical Devices. Mr. Marcotte graduated from Sherbrooke University in 1997 with a Bachelor of Engineering and completed a Master of Business Administration at HEC Montreal in 2003.

#### *Thrivent Partner Emerging Markets Equity Portfolio*

Thrivent Financial has engaged **Aberdeen Asset Managers Limited ("Aberdeen")**, 10 Queens Terrace, Aberdeen, United Kingdom AB10 1YG, as investment subadviser of the Portfolio. Aberdeen is a subsidiary of Aberdeen Asset Management PLC ("Aberdeen PLC"), which was organized in 1983. Aberdeen PLC is the parent company of an asset management group managing approximately \$373.97 billion in assets as of December 31, 2016 for a range of pension funds, financial institutions, investment trusts, unit trusts, offshore funds, charities and private clients. In rendering investment advisory services, Aberdeen may use the resources of its affiliates. Aberdeen and its affiliates have entered into a memorandum of understanding/personnel sharing procedures pursuant to which investment professionals from Aberdeen's affiliates may provide portfolio management and research services to the Portfolio. Aberdeen uses a team-based approach, with the following team members being primarily responsible for day-to-day management of the Portfolio. **Devan Kaloo** has managed the Portfolio since April 2008 and has been with Aberdeen since 2000. He is the Head of Global Emerging Markets/Global Head of Equities; he formerly served as a senior investment manager on Aberdeen's Asian Equity team. **Joanne Irvine** is the Head of Emerging Markets (ex-Asia), has managed the Portfolio since April 2008 and has been with Aberdeen since 1996. **Mark Gordon-James, CFA**, is a Senior Investment Manager, has managed the Portfolio since April 2008 and has been with Aberdeen since 2004. **Flavia Cheong, CFA**, is Head of Equities – Asia (ex-Japan), has managed the Portfolio since April 2008 and has been with Aberdeen since 1996. **Hugh Young** is Managing Director – Asia, has managed the Portfolio since April 2008 and has been with Aberdeen since 1985.

### *Thrivent Real Estate Securities Portfolio*

**Reginald L. Pfeifer, CFA** has served as portfolio manager of the Portfolio since its inception in 2003. Mr. Pfeifer has been with Thrivent Financial since 1990 and has served as an equity portfolio manager since 2003. Previously, he was the Head of Mortgages and Real Estate from 2002 to 2003 and the Head of Fixed Income from 1998 to 2002.

### *Thrivent Small Cap Stock Portfolio*

**Matthew D. Finn, CFA** has served as lead portfolio manager for the Thrivent Small Cap Stock Portfolio since 2013. **James M. Tinucci, CFA** has served as an associate portfolio manager of the Portfolio since 2015. Mr. Finn has been a portfolio manager at Thrivent Financial since 2004, when he joined the firm. Mr. Tinucci has been with Thrivent Financial since 2014, and previously held various positions at Thrivent from 2007 to 2012. Prior to joining Thrivent Financial Mr. Tinucci was a manager at Deloitte Consulting.

### *Thrivent Small Cap Index Portfolio*

**Kevin R. Brimmer, FSA** has served as portfolio manager to the Portfolio since 2002 and has been with Thrivent Financial since 1985.

### *Thrivent Mid Cap Stock Portfolio*

**Brian J. Flanagan, CFA** has been a portfolio manager of the Portfolio since 2004. He has been with Thrivent Financial since 1994 and a portfolio manager since 2000.

### *Thrivent Mid Cap Index Portfolio*

**Kevin R. Brimmer, FSA** has served as portfolio manager to the Portfolio since 2002 and has been with Thrivent Financial since 1985.

### *Thrivent Partner Worldwide Allocation Portfolio*

Thrivent Financial has engaged **Principal Global Investors, LLC (“Principal”)**, 801 Grand Avenue, Des Moines, Iowa 50392; **Aberdeen Asset Managers Limited (“Aberdeen”)**, 10 Queen’s Terrace, Aberdeen, AB10 1YG, United Kingdom; and **Goldman Sachs Asset Management, L.P. (“GSAM”)**, 200 West Street, New York, New York 10282-2198, as investment subadvisers for Thrivent Partner Worldwide Allocation Portfolio.

Principal is a direct wholly owned subsidiary of Principal Life Insurance Company. Principal and its predecessor firms have subadvised mutual fund assets since 1969. Principal, together with its affiliated asset management companies, had approximately \$411.1 billion in assets under management as of December 31, 2016. Principal has an investment management team that has day-to-day responsibility for managing its portion of the Portfolio’s assets. **Mark**

**Nebelung, CFA, John Pihlblad, CFA, Paul Blankenhagen, CFA, and Juliet Cohn** serve as portfolio co-managers for the Principal portion of the Portfolio. Mr. Pihlblad has been a portfolio co-manager since 2008 and Mr. Nebelung has been a portfolio co-manager since 2010. Mr. Blankenhagen and Ms. Cohn were added as portfolio co-managers in 2015. Mr. Pihlblad is a senior investment officer at Principal and led the development of Principal’s proprietary Global Research Platform. He has been with Principal since 2000. He and Mr. Nebelung have portfolio co-management responsibilities of Principal’s international growth and global growth equity strategies. Mr. Nebelung also co-manages several systematic strategies and a custom Pan Asian strategy. He has been with Principal since 1997. Mr. Blankenhagen joined the firm in 1992, has been a member of the international equity team since 1995, and was named a portfolio manager in 2000. Ms. Cohn joined the firm in 2003 with over 20 years of portfolio management and research experience. Mr. Blankenhagen and Ms. Cohn are responsible for co-managing Principal’s European, International Core and Diversified International equity portfolios.

Aberdeen is a subsidiary of Aberdeen Asset Management PLC (“Aberdeen PLC”), which was organized in 1983. Aberdeen PLC is the parent company of an asset management group managing approximately \$373.97 billion in assets as of December 31, 2016 for a range of pension funds, financial institutions, investment trusts, unit trusts, offshore funds, charities and private clients. In rendering investment advisory services, Aberdeen may use the resources of its affiliates. Aberdeen and its affiliates have entered into a memorandum of understanding/personnel sharing procedures pursuant to which investment professionals from Aberdeen’s affiliates may provide portfolio management and research services to the Portfolio. Aberdeen uses a team-based approach, with the following team members being primarily responsible for day-to-day management of the Portfolio. **Devan Kaloo** has managed the Portfolio since April 2008 and has been with Aberdeen since 2000. He is the Head of Global Emerging Markets/Global Head of Equities; he formerly served as a senior investment manager on Aberdeen’s Asian Equity team. **Joanne Irvine** is the Head of Emerging Markets (ex-Asia), has managed the Portfolio since April 2008 and has been with Aberdeen since 1996. **Mark Gordon-James, CFA**, is a Senior Investment Manager, has managed the Portfolio since April 2008 and has been with Aberdeen since 2004. **Flavia Cheong, CFA**, is Head of Equities – Asia (ex-Japan), has managed the Portfolio since April 2008 and has been with Aberdeen since 1996. **Hugh Young** is Managing Director – Asia, has managed the Portfolio since April 2008 and has been with Aberdeen since 1985.

GSAM has been registered as an investment adviser since 1990 and is an affiliate of Goldman, Sachs & Co. As of December 31, 2016, GSAM, including its investment advisory affiliates, had assets under supervision (“AUS”) of approximately \$1,177,741.4 million. AUS includes assets under management and other client assets for which Goldman Sachs does not have full discretion. GSAM’s Quantitative Investment Strategies team (the “QIS” team) manages the international small-and mid-cap equities of the Portfolio. **Len Ioffe**, Managing Director, joined GSAM as an associate in 1994 and has been a portfolio manager since 1996. **Osman Ali**, Managing Director, joined GSAM in 2003 and has been a member of the research and portfolio management team within QIS since 2005. **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. **Samuel Finkelstein** is head of Macro Strategies within the Global Fixed Income team in GSAM. As head of Macro Strategies, he leads the Global Rates, Fundamental Currency, Emerging Market Debt, and Commodities teams and is a member of the Fixed Income Strategy Group. Mr. Finkelstein joined Goldman Sachs in 1997 as an analyst in Fixed Income Asset Management. He worked on the Fixed Income portfolio risk and strategy team for two years and then became an emerging market portfolio manager. Mr. Finkelstein was named managing director in 2005 and partner in 2010. Prior to joining the firm, he worked as a foreign exchange trader at Union Bank of Switzerland. Mr. Finkelstein earned an MBA from the Stern School of Business at New York University and a BA in Economics and Mathematics from Yale University in 1996.

**Ricardo Penfold** is a member of the fixed income portfolio management team and is responsible for sovereign research coverage on the Emerging Market Debt team. He joined Goldman Sachs in 2000 and was named managing director in 2010. Prior to joining the firm, Mr. Penfold was head of research and an economist for Santander Investments and Banco Santander Central Hispano in Venezuela. Earlier in his career, he was professor of economics at the Universidad Central de Venezuela and Universidad Catolica Andres Bello in Caracas, Venezuela. Mr. Penfold earned a BA from Boston University in 1987 and a master’s degree from the University of Pennsylvania in 1991. He is also a PhD candidate in Economics at the University of Pennsylvania.

**Noah J. Monsen, CFA** and **Brian W. Bomgren, CQF** serve as portfolio managers for the international large-cap value assets. 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 Equity Portfolio Manager.

**David C. Francis, CFA**, Vice President of Investment Equities of Thrivent Asset Mgt., serves as lead portfolio manager for the portion of the Fund’s assets allocated to U.S. securities. Mr. Francis has been with Thrivent Financial since 2001.

### *Thrivent Partner All Cap Portfolio*

Thrivent Financial has engaged **FIAM LLC (“FIAM”)**, 900 Salem Street, Smithfield, RI 02917, as investment subadviser for the Thrivent Partner All Cap Portfolio. FIAM, an indirectly-held wholly-owned subsidiary is primarily responsible for choosing investments for the Portfolio. As of December 31, 2016, FIAM and its FIAM Group affiliates managed approximately \$68.482 billion in assets worldwide.

**Chander Willett** is the Lead Portfolio Manager of this team. He generally oversees the Portfolio’s day-to-day investment activities. **Chad Colman, Katharine O’Donovan, Ed Field, Andrew Swanson, Jody Simes, Chip Perrone, Hamish Clark, and Adam Benjamin** are each analyst/Global Sector Team Leaders responsible for stock selection for certain sector(s) within the Portfolio.

**Chander Willett** has been associated with FIAM since 2006, and has over 19 years of investment industry experience. Prior to joining FIAM, Mr. Willett served as a senior analyst at Highline Capital Management, where he analyzed securities in all sectors of health care in both U.S. and international markets, including pharmaceuticals, medical devices, life sciences, and health care services.

**Chad Colman** is a Global Sector Team Leader covering the Global Industrials Sector. Mr. Colman joined FIAM in 2009 as a research analyst for the Industrials sector. Prior to joining FIAM, Mr. Colman served as a senior analyst at RiverSource Investments (formerly American Express Financial Advisors).

**Katharine O’Donovan** is a Global Sector Team Leader covering the Financials sector. Ms. O’Donovan joined FIAM in May 2008 as a research analyst for the European bank sector. Prior to joining FIAM, Ms. O’Donovan spent 10 years each on the buy side and sell side evaluating at European banks, and subsequently global financials. She was at First State Investments from 2007 through 2008 researching financials on the global team. From 1999 to 2007, she covered European banks including the UK at Credit Suisse Asset Management. From 1989 to 1999, she was a sell side analyst of European banks, at what is now Royal Bank of Scotland and Deutsche Bank.

**Ed Field** is a Global Sector Team Leader covering the Real Estate, Utilities, and Telecommunications sectors. Mr. Field joined FIAM in 2008 as a research analyst covering the telecommunications sector. Prior to joining

FIAM, Mr. Field was a portfolio manager and a telecommunications analyst at Prudential in the UK for 10 years.

**Andrew Swanson** is a Global Sector Team Leader covering the Healthcare sector. Mr. Swanson joined FIAM in 2008 as a pharmaceutical analyst. Prior to joining FIAM, Mr. Swanson was a specialty pharmaceutical analyst at Citi Investment Research and before that he covered the European pharmaceutical sector at Citigroup in London.

**Jody Simes** is a Global Sector Team Leader and has managed the global materials sector portfolio since 2006 and was named the manager of the global energy sector portfolio in 2011. Prior to that, Mr. Simes covered the non-ferrous metals, chemicals, and fertilizer sectors, as well as Canadian telecommunications and software companies as an equity research analyst. He has also served as a technology sector specialist for Fidelity Management and Research Company and a fixed income trader for Fidelity Capital Markets.

**Chip Perrone** is a Global Sector Team Leader covering the Consumer Discretionary sector. In October 2010, Mr. Perrone joined the consumer discretionary team. Before assuming the team lead role, his research focus had been U.S. automotive, gaming and lodging, household durables, cruise companies and Latin American consumer discretionary names. Prior to joining the consumer discretionary team, Chip was a member of the International Value portfolio management team at FIAM. His fundamental research coverage included the consumer discretionary, consumer staples, and health care sectors. Prior to joining FIAM in 2007, Mr. Perrone worked at DuPont Capital Management for 17 years as a senior international equity analyst from 1998-2007.

**Hamish Clark** is a Global Sector Team Leader covering the Consumer Staples sector. Mr. Clark joined FIAM in 2008 as a research analyst covering the consumer staples sector. Prior to joining FIAM, Mr. Clark worked as a research analyst covering the European consumer sector at Insight Investment, the asset manager of HBOS Plc in London.

**Adam Benjamin** is a Global Sector Team Leader covering the Technology sector. Prior to assuming his current role in 2014, Mr. Benjamin was a research analyst responsible for coverage of the semiconductor, semiconductor capital equipment, and solar end markets. Prior to joining Fidelity in 2011, Mr. Benjamin was a managing director at Jefferies & Company, Inc. since 2004 as the head of semiconductor equity research. Prior to joining Jefferies, he was a senior research associate at SG Cowen where he focused on the semiconductor space for nearly two years, after serving as a vice president in the technology M&A group at that firm for the preceding three years. Mr. Benjamin was

also an associate in the Corporate Law department of Sullivan & Worcester.

### *Thrivent Large Cap Growth Portfolio*

**Darren M. Bagwell, CFA** has served as a portfolio manager of the Portfolio since 2014. Mr. Bagwell has been with Thrivent Financial since 2002 in an investment management capacity and currently is a Senior Equity Portfolio Manager.

### *Thrivent Partner Growth Stock Portfolio*

Thrivent Financial has engaged **T. Rowe Price Associates Inc. ("T. Rowe Price")**, 100 East Pratt Street, Baltimore, Maryland 21202, as investment subadviser for the Thrivent Partner Growth Stock Portfolio. T. Rowe Price and its affiliates had approximately \$810.8 billion in total assets under management as of December 31, 2016.

**Joseph B. Fath, CPA** is the portfolio manager of the Portfolio. He currently serves as chairman of the Portfolio's Investment Advisory Committee. Mr. Fath joined the Firm in 2002. He joined the Firm 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.

### *Thrivent Large Cap Value Portfolio*

**Kurt J. Lauber, CFA** has served as portfolio manager of the Portfolio since 2013. He has been with Thrivent Financial since 2004 and previously served as an associate portfolio manager.

### *Thrivent Large Cap Stock Portfolio*

**Darren M. Bagwell, CFA** and **Kurt J. Lauber, CFA** have served as portfolio managers of the portfolio 2016 and 2013, respectively. Mr. Lauber has been with Thrivent Financial since 2004 and previously served as an associate portfolio manager. Mr. Bagwell has been with Thrivent Financial since 2002 in an investment management capacity and currently is a Senior Equity Portfolio Manager.

### *Thrivent Large Cap Index Portfolio*

**Kevin R. Brimmer, FSA** has served as portfolio manager to the Portfolio since 2002 and has been with Thrivent Financial since 1985.

### *Thrivent Low Volatility Equity Portfolio*

**Noah J. Monsen, CFA** has served as lead portfolio manager of the Portfolio since 2017. Mr. Monsen has been with Thrivent Financial since 2000 and has served in an investment management capacity since 2008.

### *Thrivent Multidimensional Income Portfolio*

**Mark L. Simenstad, CFA, Gregory R. Anderson, CFA, Paul J. Ocenasek, CFA, Conrad E. Smith,**

**CFA** and **Kent L. White, CFA** have served as portfolio managers of the Portfolio since 2017. Mr. Simenstad is Vice President of Fixed Income Mutual Funds and separate Accounts and has been with Thrivent Financial since 1999. Mr. Anderson 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. 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. White is the Director of Investment Grade Research at Thrivent Financial and has been with the firm since 1999.

### *Thrivent High Yield Portfolio*

**Paul J. Ocenasek, CFA** has served as portfolio manager of the Portfolio since 1997. He has been with Thrivent Financial since 1987 and, since 1997, has served as portfolio manager to other Thrivent mutual funds.

### *Thrivent Income Portfolio*

**Stephen D. Lowe, CFA** has served as the portfolio manager of the Portfolio since 2009. He has also been a senior portfolio manager of the high yield portion of Thrivent Financial's general account since 2005. He has been with Thrivent Financial since 1997.

### *Thrivent Bond Index Portfolio*

**Michael G. Landreville, CFA, CPA (inactive)** has served as portfolio manager of the Portfolio since 2005. Mr. Landreville has been with Thrivent Financial since 1983 and has served as a portfolio manager since 1998.

### *Thrivent Limited Maturity Bond Portfolio*

**Gregory R. Anderson, CFA** and **Michael G. Landreville, CFA, CPA (inactive)** have served as portfolio managers of the Portfolio since the respective years of 2005 and 2001. Mr. Anderson has been with Thrivent Financial since 1997 and has served as a portfolio manager since 2000. Mr. Landreville has been with Thrivent Financial since 1983 and has served as a portfolio manager since 1998.

### *Thrivent Money Market Portfolio*

**William D. Stouten** has served as portfolio manager of the Portfolio since 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.

## *Personal Securities Investments*

Personnel of Thrivent Financial and the subadvisers may invest in securities for their own account pursuant

to codes of ethics that establish procedures for personal investing and restrict certain transactions. Transactions in securities that may be held by the Portfolios are permitted by Thrivent Financial, subject to compliance with applicable provisions under the applicable codes of ethics.

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# The Separate Accounts

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Shares in Thrivent Series Fund, Inc. (the “Fund”) are currently sold, without sales charges, only to:

- Separate accounts of Thrivent Financial and Thrivent Life Insurance Company (“Thrivent Life”), a subsidiary of Thrivent Financial, which are used to fund benefits of variable life insurance and variable annuity contracts (each a “variable contract”) issued by Thrivent Financial and Thrivent Life; and
- Other Portfolios of the Fund.

A Prospectus for the variable contract describes how the premiums and the assets relating to the variable contract may be allocated among one or more of the subaccounts that correspond to the Portfolios of the Fund. Participants in the retirement plans should consult retirement plan documents for information on how to invest.

The Fund serves as the underlying investment vehicle for variable annuity contracts and variable life insurance policies that are funded through separate accounts established by Thrivent Financial. It is possible that in the future, it may not be advantageous for variable life insurance separate accounts and variable annuity

separate accounts to invest in the Portfolios at the same time. Although neither Thrivent Financial nor the Fund currently foresees any such disadvantage, the Fund’s Board of Directors (the “Board”) monitors events in order to identify any material conflicts between such policy owners and contract owners. Material conflict could result from, for example, 1) changes in state insurance laws, 2) changes in federal income tax law, 3) changes in the investment management of a Portfolio, or 4) differences in voting instructions between those given by policy owners and those given by contract owners. Should it be necessary, the Board would determine what action if any, should be taken in response to any such conflicts.

As a result of differences in tax treatment and other considerations, a conflict could arise between the interests of the variable life insurance contract owners, variable annuity contract owners, and plan participants with respect to their investments in the Fund. The Fund’s Board will monitor events in order to identify the existence of any material irreconcilable conflicts and to determine what action if any, should be taken in response to any such conflicts.

## Pricing of Portfolio Shares

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The price of a Portfolio’s shares is based on the Portfolio’s net asset value (“NAV”). Each Portfolio generally determines its NAV once daily at the close of regular trading on the New York Stock Exchange (“NYSE”), which is normally 4:00 p.m. Eastern Time. If the NYSE has an unscheduled early close but certain other markets remain open until their regularly scheduled closing time, the NAV may be determined as of the regularly scheduled closing time of the NYSE. If the NYSE and/or certain other markets close early due to extraordinary circumstances (e.g., weather, terrorism, etc.), the NAV may be calculated as of the early close of the NYSE and/or other markets. The NAV generally will not be determined on days when, due to extraordinary circumstances, the NYSE and/or certain other markets do not open for trading. The Portfolios generally do not determine NAV on holidays observed by the NYSE or on any other day when the NYSE is closed. The NYSE is regularly closed on Saturdays and Sundays, New Year’s Day, Martin Luther King, Jr. Day, Presidents Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

Thrivent Money Market Portfolio seeks to maintain a stable \$1.00 NAV, pursuant to procedures established by the Fund’s Board of Directors, and generally utilizes the amortized cost method. Valuing securities held by Thrivent Money Market Portfolio on the basis of

amortized cost (which approximates market value) involves a constant amortization of premium or accretion of discount to maturity. This method is explained further in the Statement of Additional Information. The Portfolio will not value a security at amortized cost, but will instead make a fair value determination for such security, if it determines that amortized cost is not approximately the same as the fair value of the security.

Each other Portfolio determines its NAV by adding the value of Portfolio assets, subtracting the Portfolio’s liabilities, and dividing the result by the number of outstanding shares. To determine the NAV, the other Portfolios generally value their securities at current market value using readily available market prices. If market prices are not available or if the investment adviser determines that they do not accurately reflect fair value for a security, the Board of Directors has authorized the investment adviser to make fair valuation determinations pursuant to policies approved by the Board of Directors. Fair valuation of a particular security is an inherently subjective process, with no single standard to utilize when determining a security’s fair value. In each case where a security is fair valued, consideration is given to the facts and circumstances relevant to the particular situation. This consideration includes a review of various factors set forth in the

pricing policies adopted by the Board of Directors. For any portion of a Portfolio's assets that are invested in other mutual funds, the NAV is calculated based upon the NAV of the mutual funds in which the Portfolio invests, and the prospectuses for those mutual funds explain the circumstances under which they will use fair value pricing and the effects of such a valuation.

Because many foreign markets close before the U.S. markets, significant events may occur between the close of the foreign market and the close of the U.S. markets, when the Portfolio's assets are valued, that could have a material impact on the valuation of foreign securities (*i.e.*, available price quotations for these securities may not necessarily reflect the occurrence of the significant event). The Fund, subject to oversight by the Board of Directors, evaluates the impact of these significant events and adjusts the valuation of foreign securities to reflect the fair value as of the close of the U.S. markets to the extent that the available price quotations do not, in the Adviser's opinion, adequately reflect the occurrence of the significant events.

### *Policy Regarding Frequent Purchases and Redemptions*

The Board has adopted the following policy with respect to frequent purchases and redemptions of shares of the Portfolios. The separate accounts that invest in the Portfolios may make purchases and redemptions in the Portfolios daily. The Portfolios do not restrict this activity and thus allow frequent purchases and redemptions of shares of the Portfolios by the separate accounts. Thrivent Financial and Thrivent Life employ certain monitoring controls that seek to identify and deter market timing and excessive short-term trading

with the separate accounts, but the Portfolios cannot provide assurance that this monitoring will be effective. In addition, the terms of the variable contracts may limit the ability of Thrivent Financial and Thrivent Life to deter frequent trading. As a result, the Portfolios can give no assurance that market timing and excessive short-term trading will not occur. Frequent purchases and redemptions of shares of the Portfolios can disrupt portfolio management and increase expenses of the Portfolios, thereby negatively impacting their performance.

### *Disclosure of Portfolio Holdings*

A description of the Portfolios' policies and procedures with respect to the disclosure of their portfolio securities is available in the Statement of Additional Information for the Portfolios and at [thrivent.com](http://thrivent.com).

### *Standing Allocation Order*

The "Thrivent Asset Allocation Portfolios" purchase and redeem shares of the other Portfolios (the "Underlying Portfolios") each business day pursuant to a standing allocation order (the "Allocation Order"). The Allocation Order provides daily instructions for how a purchase or redemption order by a Thrivent Asset Allocation Portfolio should be allocated among the Underlying Portfolios. Each day, pursuant to the Allocation Order, a Thrivent Asset Allocation Portfolio will purchase or redeem shares of the relevant Underlying Portfolios at the NAV for the Underlying Portfolio calculated that day. Any modification to the daily instruction provided by the Allocation Order must be made before the close of trading on the NYSE.

## Tax Matters

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Because you do not own shares of the Fund directly, any transaction relating to either your variable contract or retirement plan results in tax consequences at that level. Please refer to the tax discussion in the applicable account prospectus or your retirement plan documents for more information.

Under existing tax law, dividends or capital gains distributions from a Portfolio are not currently taxable to holders of variable contracts when left to accumulate within a variable contract. Depending on the variable contract, withdrawals from the contract may be subject to ordinary income tax and, in addition, a 10% penalty tax on withdrawals before age 59½. For more information regarding the Fund's general policies on distributions, please consult the Statement of Additional Information.

# Financial Highlights

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The financial highlights tables for each of the Portfolios are intended to help you understand the Portfolios' financial performance for the past five years or, if shorter, the period of the Portfolios' operations. Certain information reflects financial results for a single Portfolio share. The total returns in the tables represent the rate that an investor would have earned or lost on an investment in a Portfolio (assuming reinvestment of all dividends and distributions). The returns do not

reflect any charges that would normally occur at the separate account level. This information has been audited by PricewaterhouseCoopers LLP, independent registered public accounting firm, whose report, along with the Portfolios' financial statements, are included in the Annual Report of the Fund for the fiscal year ended December 31, 2016, which is available upon request.

# Thrivent Series Fund, Inc.

## Financial Highlights

**FOR A SHARE OUTSTANDING THROUGHOUT EACH PERIOD\***

	Income from Investment Operations			Less Distributions from		
	Net Asset Value, Beginning of Period	Net Investment Income/(Loss)	Net Realized and Unrealized Gain/(Loss) on Investments <sup>(a)</sup>	Total from Investment Operations	Net Investment Income	Net Realized Gain on Investments
<b>AGGRESSIVE ALLOCATION PORTFOLIO</b>						
Year Ended 12/31/2016	\$14.19	\$0.12	\$ 1.19	\$ 1.31	\$(0.14)	\$(0.78)
Year Ended 12/31/2015	15.44	0.10	(0.13)	(0.03)	(0.16)	(1.06)
Year Ended 12/31/2014	15.04	0.10	0.80	0.90	(0.07)	(0.43)
Year Ended 12/31/2013	12.15	0.07	3.17	3.24	(0.17)	(0.18)
Year Ended 12/31/2012	11.40	0.17	1.18	1.35	(0.08)	(0.52)
<b>MODERATELY AGGRESSIVE ALLOCATION PORTFOLIO</b>						
Year Ended 12/31/2016	13.77	0.19	1.14	1.33	(0.20)	(0.58)
Year Ended 12/31/2015	14.72	0.17	(0.26)	(0.09)	(0.19)	(0.67)
Year Ended 12/31/2014	14.37	0.16	0.71	0.87	(0.13)	(0.39)
Year Ended 12/31/2013	12.31	0.12	2.44	2.56	(0.20)	(0.30)
Year Ended 12/31/2012	11.19	0.21	1.21	1.42	(0.14)	(0.16)
<b>MODERATE ALLOCATION PORTFOLIO</b>						
Year Ended 12/31/2016	13.09	0.24	0.88	1.12	(0.23)	(0.34)
Year Ended 12/31/2015	13.90	0.21	(0.26)	(0.05)	(0.21)	(0.55)
Year Ended 12/31/2014	13.63	0.18	0.62	0.80	(0.16)	(0.37)
Year Ended 12/31/2013	12.28	0.16	1.66	1.82	(0.20)	(0.27)
Year Ended 12/31/2012	11.25	0.20	1.10	1.30	(0.19)	(0.08)
<b>MODERATELY CONSERVATIVE ALLOCATION PORTFOLIO</b>						
Year Ended 12/31/2016	12.27	0.24	0.63	0.87	(0.22)	(0.14)
Year Ended 12/31/2015	12.89	0.20	(0.24)	(0.04)	(0.23)	(0.35)
Year Ended 12/31/2014	12.71	0.23	0.43	0.66	(0.20)	(0.28)
Year Ended 12/31/2013	12.07	0.20	0.87	1.07	(0.19)	(0.24)
Year Ended 12/31/2012	11.28	0.18	0.89	1.07	(0.19)	(0.09)
<b>GROWTH AND INCOME PLUS PORTFOLIO</b>						
Year Ended 12/31/2016	9.97	0.20	0.44	0.64	(0.23)	(0.18)
Year Ended 12/31/2015	10.72	0.24	(0.32)	(0.08)	(0.23)	(0.44)
Year Ended 12/31/2014	11.66	0.18	0.09	0.27	(0.30)	(0.91)
Year Ended 12/31/2013	9.82	0.33	1.74	2.07	(0.23)	—
Year Ended 12/31/2012	8.81	0.24	0.91	1.15	(0.14)	—

(a) The amount shown may not correlate with the change in aggregate gains and losses of portfolio securities due to the timing of sales and redemptions of portfolio shares.

\* All per share amounts have been rounded to the nearest cent.

# Thrivent Series Fund, Inc.

## Financial Highlights – continued

RATIOS / SUPPLEMENTAL DATA								
Total Distributions	Net Asset Value, End of Period	Total Return <sup>(b)</sup>	Net Assets, End of Period (in millions)	Ratio to Average Net Assets**		Ratios to Average Net Assets Before Expenses Waived, Credited or Paid Indirectly**		Portfolio Turnover Rate
				Expenses	Net Investment Income/(Loss)	Expenses	Net Investment Income/(Loss)	
\$(0.92)	\$14.58	10.11%	\$1,063.4	0.58%	0.89%	0.79%	0.68%	65%
(1.22)	14.19	(0.45)%	967.6	0.57%	0.73%	0.64%	0.65%	60%
(0.50)	15.44	6.02%	904.9	0.50%	0.70%	0.50%	0.70%	58%
(0.35)	15.04	27.05%	799.4	0.46%	0.53%	0.47%	0.52%	43%
(0.60)	12.15	12.25%	608.2	0.49%	1.45%	0.49%	1.45%	69%
(0.78)	14.32	10.23%	5,325.7	0.47%	1.41%	0.69%	1.19%	106%
(0.86)	13.77	(0.75)%	4,898.1	0.47%	1.21%	0.55%	1.14%	91%
(0.52)	14.72	6.05%	4,775.0	0.45%	1.15%	0.45%	1.15%	88%
(0.50)	14.37	21.30%	4,224.5	0.38%	1.09%	0.40%	1.07%	60%
(0.30)	12.31	12.87%	3,056.0	0.40%	1.83%	0.40%	1.83%	93%
(0.57)	13.64	8.89%	9,261.4	0.46%	1.80%	0.62%	1.64%	159%
(0.76)	13.09	(0.56)%	8,657.3	0.46%	1.57%	0.51%	1.51%	153%
(0.53)	13.90	5.88%	8,607.8	0.44%	1.50%	0.44%	1.50%	134%
(0.47)	13.63	15.12%	7,181.1	0.36%	1.46%	0.38%	1.44%	99%
(0.27)	12.28	11.72%	5,337.9	0.38%	1.98%	0.38%	1.98%	121%
(0.36)	12.78	7.24%	4,695.1	0.47%	2.03%	0.59%	1.90%	211%
(0.58)	12.27	(0.46)%	4,100.1	0.46%	1.77%	0.50%	1.73%	198%
(0.48)	12.89	5.32%	3,679.4	0.44%	1.91%	0.44%	1.91%	182%
(0.43)	12.71	9.02%	3,353.0	0.37%	1.72%	0.40%	1.68%	198%
(0.28)	12.07	9.59%	2,920.3	0.41%	1.95%	0.41%	1.95%	190%
(0.41)	10.20	6.63%	87.6	0.80%	2.15%	1.00%	1.95%	129%
(0.67)	9.97	(0.81)%	78.8	0.80%	2.24%	0.99%	2.06%	191%
(1.21)	10.72	2.21%	81.1	0.80%	2.30%	0.94%	2.16%	176%
(0.23)	11.66	21.24%	65.5	0.79%	2.10%	0.85%	2.04%	153%
(0.14)	9.82	13.17%	102.1	0.81%	2.56%	0.81%	2.56%	160%

(b) Total investment return assumes dividend reinvestment and does not reflect any deduction for applicable sales charges. Not annualized for periods less than one year. Total return shown does not reflect charges and expenses imposed on contract holders by the variable accounts. Those charges and expenses reduce the return received by contract holders as compared to the return presented.

\*\* Computed on an annualized basis for periods less than one year

# Thrivent Series Fund, Inc.

## Financial Highlights – continued

**FOR A SHARE OUTSTANDING THROUGHOUT EACH PERIOD\***

	Income from Investment Operations			Less Distributions from		
	Net Asset Value, Beginning of Period	Net Investment Income/(Loss)	Net Realized and Unrealized Gain/(Loss) on Investments <sup>(a)</sup>	Total from Investment Operations	Net Investment Income	Net Realized Gain on Investments
<b><u>BALANCED INCOME PLUS PORTFOLIO</u></b>						
Year Ended 12/31/2016	\$14.03	\$ 0.37	\$ 0.57	\$ 0.94	\$(0.37)	\$(0.51)
Year Ended 12/31/2015	14.87	0.38	(0.38)	0.00	(0.32)	(0.52)
Year Ended 12/31/2014	17.28	0.33	0.67	1.00	(0.28)	(3.13)
Year Ended 12/31/2013	15.42	0.30	2.42	2.72	(0.31)	(0.55)
Year Ended 12/31/2012	14.48	0.33	1.42	1.75	(0.34)	(0.47)
<b><u>DIVERSIFIED INCOME PLUS PORTFOLIO</u></b>						
Year Ended 12/31/2016	7.53	0.25	0.27	0.52	(0.27)	(0.02)
Year Ended 12/31/2015	7.94	0.25	(0.24)	0.01	(0.26)	(0.16)
Year Ended 12/31/2014	7.84	0.26	0.08	0.34	(0.24)	—
Year Ended 12/31/2013	7.23	0.21	0.59	0.80	(0.19)	—
Year Ended 12/31/2012	6.56	0.19	0.74	0.93	(0.26)	—
<b><u>OPPORTUNITY INCOME PLUS PORTFOLIO</u></b>						
Year Ended 12/31/2016	9.81	0.34	0.28	0.62	(0.34)	—
Year Ended 12/31/2015	10.15	0.35	(0.35)	0.00	(0.34)	—
Year Ended 12/31/2014	10.15	0.35	0.00	0.35	(0.35)	—
Year Ended 12/31/2013	10.64	0.26	(0.40)	(0.14)	(0.26)	(0.09)
Year Ended 12/31/2012	10.45	0.16	0.44	0.60	(0.16)	(0.25)
<b><u>PARTNER HEALTHCARE PORTFOLIO</u></b>						
Year Ended 12/31/2016	19.45	0.00	(3.02)	(3.02)	(0.75)	(0.67)
Year Ended 12/31/2015	19.70	0.78 <sup>(c)</sup>	0.20	0.98	0.00	(1.23)
Year Ended 12/31/2014	16.84	0.01	3.98	3.99	—	(1.13)
Year Ended 12/31/2013	13.39	(0.02)	4.10	4.08	(0.05)	(0.58)
Year Ended 12/31/2012	11.26	0.03	2.29	2.32	(0.04)	(0.15)
<b><u>PARTNER EMERGING MARKETS EQUITY PORTFOLIO</u></b>						
Year Ended 12/31/2016	10.31	0.10	1.09	1.19	(0.11)	—
Year Ended 12/31/2015	12.08	0.12	(1.75)	(1.63)	(0.14)	—
Year Ended 12/31/2014	12.47	0.14	(0.41)	(0.27)	(0.12)	—
Year Ended 12/31/2013	13.61	0.12	(1.13)	(1.01)	(0.13)	—
Year Ended 12/31/2012	10.92	0.14	2.68	2.82	(0.07)	(0.06)

(a) The amount shown may not correlate with the change in aggregate gains and losses of portfolio securities due to the timing of sales and redemptions of portfolio shares.

(c) Net investment income per share reflects special dividends. The effect of these dividends amounted to \$0.76 per share.

\* All per share amounts have been rounded to the nearest cent.

# Thrivent Series Fund, Inc.

## Financial Highlights – continued

### RATIOS / SUPPLEMENTAL DATA

Total Distributions	Net Asset Value, End of Period	Total Return <sup>(b)</sup>	Net Assets, End of Period (in millions)	Ratio to Average Net Assets**		Ratios to Average Net Assets Before Expenses Waived, Credited or Paid Indirectly**		Portfolio Turnover Rate
				Expenses	Net Investment Income/(Loss)	Expenses	Net Investment Income/(Loss)	
\$(0.88)	\$14.09	7.06%	\$355.4	0.66%	2.86%	0.66%	2.86%	140%
(0.84)	14.03	(0.14)%	313.1	0.66%	2.77%	0.66%	2.77%	147%
(3.41)	14.87	6.07%	303.0	0.64%	2.38%	0.64%	2.38%	111%
(0.86)	17.28	17.95%	275.0	0.53%	1.81%	0.53%	1.81%	216%
(0.81)	15.42	12.42%	239.3	0.45%	1.93%	0.45%	1.93%	142%
(0.29)	7.76	7.08%	562.8	0.48%	3.61%	0.48%	3.61%	103%
(0.42)	7.53	0.08%	479.6	0.49%	3.65%	0.49%	3.65%	113%
(0.24)	7.94	4.27%	437.3	0.48%	3.84%	0.48%	3.84%	136%
(0.19)	7.84	11.17%	362.7	0.49%	3.88%	0.49%	3.88%	150%
(0.26)	7.23	14.48%	229.7	0.52%	4.58%	0.52%	4.58%	155%
(0.34)	10.09	6.38%	140.4	0.69%	3.42%	0.69%	3.42%	202%
(0.34)	9.81	(0.03)%	99.7	0.73%	3.44%	0.73%	3.44%	184%
(0.35)	10.15	3.48%	71.8	0.76%	3.46%	0.79%	3.42%	140%
(0.35)	10.15	(1.39)%	46.5	0.79%	2.58%	0.88%	2.49%	755%
(0.41)	10.64	5.99%	37.3	0.83%	1.54%	0.88%	1.49%	936%
(1.42)	15.01	(16.01)%	163.4	0.93%	0.14%	0.99%	0.08%	101%
(1.23)	19.45	4.61%	192.2	0.96%	4.90%	1.03%	4.83%	73%
(1.13)	19.70	24.23%	102.1	1.13%	0.03%	1.13%	0.03%	63%
(0.63)	16.84	31.09%	53.7	1.25%	(0.10)%	1.31%	(0.16)%	61%
(0.19)	13.39	20.68%	25.2	1.25%	0.26%	1.54%	(0.04)%	40%
(0.11)	11.39	11.58%	56.5	1.33%	0.98%	1.66%	0.65%	7%
(0.14)	10.31	(13.59)%	43.5	1.40%	1.09%	1.70%	0.79%	4%
(0.12)	12.08	(2.29)%	48.5	1.40%	1.07%	1.52%	0.95%	14%
(0.13)	12.47	(7.34)%	59.9	1.40%	1.07%	1.54%	0.92%	5%
(0.13)	13.61	25.98%	54.7	1.40%	1.27%	1.62%	1.05%	4%

(b) Total investment return assumes dividend reinvestment and does not reflect any deduction for applicable sales charges. Not annualized for periods less than one year. Total return shown does not reflect charges and expenses imposed on contract holders by the variable accounts. Those charges and expenses reduce the return received by contract holders as compared to the return presented.

\*\* Computed on an annualized basis for periods less than one year

# Thrivent Series Fund, Inc.

## Financial Highlights – continued

**FOR A SHARE OUTSTANDING THROUGHOUT EACH PERIOD\***

	Income from Investment Operations			Less Distributions from		
	Net Asset Value, Beginning of Period	Net Investment Income/(Loss)	Net Realized and Unrealized Gain/(Loss) on Investments <sup>(a)</sup>	Total from Investment Operations	Net Investment Income	Net Realized Gain on Investments
<b>REAL ESTATE SECURITIES PORTFOLIO</b>						
Year Ended 12/31/2016	\$22.01	\$0.38	\$ 1.28	\$ 1.66	\$(0.34)	\$(0.09)
Year Ended 12/31/2015	22.78	0.35	0.16	0.51	(0.33)	(0.95)
Year Ended 12/31/2014	17.98	0.35	5.11	5.46	(0.30)	(0.36)
Year Ended 12/31/2013	17.85	0.29	0.11	0.40	(0.27)	—
Year Ended 12/31/2012	15.77	0.30	2.43	2.73	(0.65)	—
<b>SMALL CAP STOCK PORTFOLIO</b>						
Year Ended 12/31/2016	15.53	0.09	3.72	3.81	(0.06)	(0.79)
Year Ended 12/31/2015	18.37	0.04	(0.38)	(0.34)	(0.08)	(2.42)
Year Ended 12/31/2014	17.77	0.08	0.75	0.83	(0.04)	(0.19)
Year Ended 12/31/2013	13.12	0.04	4.67	4.71	(0.06)	—
Year Ended 12/31/2012	11.99	0.06	1.07	1.13	—	—
<b>SMALL CAP INDEX PORTFOLIO</b>						
Year Ended 12/31/2016	15.77	0.16	3.63	3.79	(0.17)	(1.21)
Year Ended 12/31/2015	17.44	0.17	(0.47)	(0.30)	(0.14)	(1.23)
Year Ended 12/31/2014	17.86	0.15	0.77	0.92	(0.13)	(1.21)
Year Ended 12/31/2013	13.42	0.14	5.17	5.31	(0.20)	(0.67)
Year Ended 12/31/2012	12.77	0.20	1.68	1.88	(0.09)	(1.14)
<b>MID CAP STOCK PORTFOLIO</b>						
Year Ended 12/31/2016	16.73	0.07	4.23	4.30	(0.07)	(1.88)
Year Ended 12/31/2015	18.86	0.09	(0.06)	0.03	(0.11)	(2.05)
Year Ended 12/31/2014	17.66	0.11	1.98	2.09	(0.06)	(0.83)
Year Ended 12/31/2013	13.09	0.06	4.57	4.63	(0.06)	—
Year Ended 12/31/2012	11.48	0.06	1.58	1.64	(0.03)	—
<b>MID CAP INDEX PORTFOLIO</b>						
Year Ended 12/31/2016	15.12	0.16	2.77	2.93	(0.14)	(0.84)
Year Ended 12/31/2015	16.35	0.15	(0.51)	(0.36)	(0.12)	(0.75)
Year Ended 12/31/2014	15.78	0.13	1.32	1.45	(0.12)	(0.76)
Year Ended 12/31/2013	12.36	0.12	3.87	3.99	(0.13)	(0.44)
Year Ended 12/31/2012	11.79	0.14	1.74	1.88	(0.10)	(1.21)

(a) The amount shown may not correlate with the change in aggregate gains and losses of portfolio securities due to the timing of sales and redemptions of portfolio shares.

\* All per share amounts have been rounded to the nearest cent.

# Thrivent Series Fund, Inc.

## Financial Highlights – continued

### RATIOS / SUPPLEMENTAL DATA

Total Distributions	Net Asset Value, End of Period	Total Return <sup>(b)</sup>	Net Assets, End of Period (in millions)	Ratio to Average Net Assets**		Ratios to Average Net Assets Before Expenses Waived, Credited or Paid Indirectly**		Portfolio Turnover Rate
				Expenses	Net Investment Income/(Loss)	Expenses	Net Investment Income/(Loss)	
\$(0.43)	\$23.24	7.50%	\$ 180.0	0.90%	1.77%	0.90%	1.77%	17%
(1.28)	22.01	2.75%	155.5	0.92%	1.77%	0.92%	1.77%	12%
(0.66)	22.78	30.82%	142.5	0.92%	1.67%	0.92%	1.67%	21%
(0.27)	17.98	2.18%	120.1	0.92%	1.53%	0.92%	1.53%	22%
(0.65)	17.85	17.54%	122.4	0.93%	1.62%	0.93%	1.62%	32%
(0.85)	18.49	25.94%	506.1	0.73%	0.56%	0.73%	0.56%	57%
(2.50)	15.53	(3.13)%	413.8	0.75%	0.47%	0.75%	0.47%	90%
(0.23)	18.37	4.76%	306.3	0.75%	0.42%	0.75%	0.42%	56%
(0.06)	17.77	35.90%	354.6	0.75%	0.25%	0.75%	0.25%	62%
—	13.12	9.42%	269.5	0.76%	0.49%	0.76%	0.49%	96%
(1.38)	18.18	26.12%	401.7	0.28%	1.20%	0.28%	1.20%	21%
(1.37)	15.77	(2.17)%	279.9	0.29%	1.13%	0.29%	1.13%	20%
(1.34)	17.44	5.36%	268.6	0.43%	0.87%	0.43%	0.87%	12%
(0.87)	17.86	40.83%	262.8	0.44%	0.84%	0.44%	0.84%	12%
(1.23)	13.42	15.95%	193.7	0.46%	1.44%	0.46%	1.44%	9%
(1.95)	19.08	28.71%	1,491.9	0.68%	0.45%	0.68%	0.45%	23%
(2.16)	16.73	0.08%	1,194.6	0.69%	0.53%	0.70%	0.52%	77%
(0.89)	18.86	11.93%	752.6	0.71%	0.63%	0.71%	0.63%	37%
(0.06)	17.66	35.50%	675.4	0.72%	0.38%	0.72%	0.38%	39%
(0.03)	13.09	14.29%	506.7	0.73%	0.51%	0.73%	0.51%	47%
(0.98)	17.07	20.43%	287.7	0.30%	1.38%	0.30%	1.38%	19%
(0.87)	15.12	(2.52)%	180.2	0.32%	1.15%	0.32%	1.15%	19%
(0.88)	16.35	9.28%	145.1	0.47%	0.89%	0.47%	0.89%	13%
(0.57)	15.78	32.92%	123.0	0.50%	0.95%	0.50%	0.95%	12%
(1.31)	12.36	17.38%	85.1	0.53%	1.11%	0.53%	1.11%	8%

(b) Total investment return assumes dividend reinvestment and does not reflect any deduction for applicable sales charges. Not annualized for periods less than one year. Total return shown does not reflect charges and expenses imposed on contract holders by the variable accounts. Those charges and expenses reduce the return received by contract holders as compared to the return presented.

\*\* Computed on an annualized basis for periods less than one year

# Thrivent Series Fund, Inc.

## Financial Highlights – continued

**FOR A SHARE OUTSTANDING THROUGHOUT EACH PERIOD\***

	Income from Investment Operations			Less Distributions from		
	Net Asset Value, Beginning of Period	Net Investment Income/(Loss)	Net Realized and Unrealized Gain/(Loss) on Investments <sup>(a)</sup>	Total from Investment Operations	Net Investment Income	Net Realized Gain on Investments
<b><u>PARTNER WORLDWIDE ALLOCATION PORTFOLIO</u></b>						
Year Ended 12/31/2016	\$ 9.00	\$ 0.21	\$ 0.08	\$ 0.29	\$(0.20)	\$ —
Year Ended 12/31/2015	9.30	0.19	(0.25)	(0.06)	(0.24)	—
Year Ended 12/31/2014	10.02	0.22	(0.74)	(0.52)	(0.20)	—
Year Ended 12/31/2013	8.62	0.18	1.22	1.40	0.00	—
Year Ended 12/31/2012	7.39	0.12	1.26	1.38	(0.12)	(0.03)
<b><u>PARTNER ALL CAP PORTFOLIO</u></b>						
Year Ended 12/31/2016	12.94	0.07	0.61	0.68	(0.04)	(0.59)
Year Ended 12/31/2015	14.18	0.04	0.33	0.37	(0.05)	(1.56)
Year Ended 12/31/2014	12.71	0.06	1.49	1.55	(0.08)	—
Year Ended 12/31/2013	9.64	0.08	3.07	3.15	(0.08)	—
Year Ended 12/31/2012	8.44	0.08	1.16	1.24	(0.04)	—
<b><u>LARGE CAP GROWTH PORTFOLIO</u></b>						
Year Ended 12/31/2016	30.90	0.16	(0.80)	(0.64)	(0.15)	(2.46)
Year Ended 12/31/2015	28.08	0.12	2.83	2.95	(0.13)	—
Year Ended 12/31/2014	25.46	0.16	2.63	2.79	(0.17)	—
Year Ended 12/31/2013	18.81	0.15	6.64	6.79	(0.14)	—
Year Ended 12/31/2012	15.96	0.22	2.85	3.07	(0.22)	—
<b><u>PARTNER GROWTH STOCK PORTFOLIO</u></b>						
Year Ended 12/31/2016	18.67	0.02	0.14	0.16	—	(0.82)
Year Ended 12/31/2015	18.72	(0.02)	1.93	1.91	—	(1.96)
Year Ended 12/31/2014	18.79	(0.03)	1.53	1.50	—	(1.57)
Year Ended 12/31/2013	13.54	(0.04)	5.29	5.25	0.00	—
Year Ended 12/31/2012	11.41	0.00	2.13	2.13	—	—
<b><u>LARGE CAP VALUE PORTFOLIO</u></b>						
Year Ended 12/31/2016	15.52	0.25	2.25	2.50	(0.22)	(0.96)
Year Ended 12/31/2015	16.79	0.23	(0.79)	(0.56)	(0.22)	(0.49)
Year Ended 12/31/2014	15.58	0.22	1.19	1.41	(0.20)	—
Year Ended 12/31/2013	12.00	0.20	3.59	3.79	(0.21)	—
Year Ended 12/31/2012	10.39	0.21	1.59	1.80	(0.19)	—

(a) The amount shown may not correlate with the change in aggregate gains and losses of portfolio securities due to the timing of sales and redemptions of portfolio shares.

\* All per share amounts have been rounded to the nearest cent.

# Thrivent Series Fund, Inc.

## Financial Highlights – continued

### RATIOS / SUPPLEMENTAL DATA

Total Distributions	Net Asset Value, End of Period	Total Return <sup>(b)</sup>	Net Assets, End of Period (in millions)	Ratio to Average Net Assets**		Ratios to Average Net Assets Before Expenses Waived, Credited or Paid Indirectly**		Portfolio Turnover Rate
				Expenses	Net Investment Income/(Loss)	Expenses	Net Investment Income/(Loss)	
\$(0.20)	\$ 9.09	3.35%	\$1,654.7	0.92%	2.40%	0.92%	2.40%	114%
(0.24)	9.00	(0.78)%	1,605.6	0.92%	2.06%	0.92%	2.06%	76%
(0.20)	9.30	(5.35)%	1,607.3	0.91%	2.24%	0.91%	2.24%	78%
0.00	10.02	16.31%	1,706.0	0.91%	1.97%	0.91%	1.97%	80%
(0.15)	8.62	18.67%	1,520.3	0.95%	2.10%	0.95%	2.10%	93%
(0.63)	12.99	5.77%	94.9	0.87%	0.60%	1.14%	0.33%	64%
(1.61)	12.94	2.26%	86.2	0.92%	0.36%	1.16%	0.12%	72%
(0.08)	14.18	12.26%	69.5	0.95%	0.48%	1.18%	0.25%	105%
(0.08)	12.71	32.85%	63.8	0.98%	0.69%	1.23%	0.45%	133%
(0.04)	9.64	14.74%	51.5	1.04%	0.81%	1.24%	0.61%	116%
(2.61)	27.65	(1.48)%	1,003.1	0.44%	0.55%	0.44%	0.55%	68%
(0.13)	30.90	10.48%	1,109.7	0.44%	0.41%	0.44%	0.41%	68%
(0.17)	28.08	10.99%	1,004.5	0.44%	0.54%	0.44%	0.54%	43%
(0.14)	25.46	36.14%	1,062.0	0.44%	0.66%	0.44%	0.66%	62%
(0.22)	18.81	19.18%	859.9	0.45%	1.16%	0.45%	1.16%	87%
(0.82)	18.01	1.35%	121.3	0.82%	0.12%	0.96%	(0.03)%	43%
(1.96)	18.67	10.65%	110.1	0.86%	(0.14)%	1.00%	(0.28)%	35%
(1.57)	18.72	8.51%	81.7	0.91%	(0.18)%	1.01%	(0.28)%	38%
0.00	18.79	38.84%	76.2	0.94%	(0.24)%	1.04%	(0.34)%	34%
—	13.54	18.66%	58.0	0.96%	0.02%	1.06%	(0.08)%	32%
(1.18)	16.84	17.44%	1,348.8	0.64%	1.70%	0.64%	1.70%	22%
(0.71)	15.52	(3.53)%	1,147.0	0.64%	1.44%	0.64%	1.44%	34%
(0.20)	16.79	9.03%	1,205.0	0.64%	1.34%	0.64%	1.34%	20%
(0.21)	15.58	31.82%	1,119.2	0.64%	1.42%	0.64%	1.42%	32%
(0.19)	12.00	17.57%	852.6	0.64%	1.84%	0.64%	1.84%	90%

(b) Total investment return assumes dividend reinvestment and does not reflect any deduction for applicable sales charges. Not annualized for periods less than one year. Total return shown does not reflect charges and expenses imposed on contract holders by the variable accounts. Those charges and expenses reduce the return received by contract holders as compared to the return presented.

\*\* Computed on an annualized basis for periods less than one year

# Thrivent Series Fund, Inc.

## Financial Highlights – continued

### FOR A SHARE OUTSTANDING THROUGHOUT EACH PERIOD\*

	Income from Investment Operations			Less Distributions from		
	Net Asset Value, Beginning of Period	Net Investment Income/(Loss)	Net Realized and Unrealized Gain/(Loss) on Investments <sup>(a)</sup>	Total from Investment Operations	Net Investment Income	Net Realized Gain on Investments
<b><u>LARGE CAP STOCK PORTFOLIO</u></b>						
Year Ended 12/31/2016	\$11.63	\$0.16	\$ 0.46	\$ 0.62	\$(0.15)	\$ —
Year Ended 12/31/2015	12.33	0.15	0.25	0.40	(0.15)	(0.95)
Year Ended 12/31/2014	11.81	0.15	0.48	0.63	(0.11)	—
Year Ended 12/31/2013	9.22	0.11	2.60	2.71	(0.12)	—
Year Ended 12/31/2012	8.11	0.12	1.08	1.20	(0.09)	—
<b><u>LARGE CAP INDEX PORTFOLIO</u></b>						
Year Ended 12/31/2016	28.54	0.47	2.78	3.25	(0.56)	(0.19)
Year Ended 12/31/2015	28.75	0.57 <sup>(c)</sup>	(0.25)	0.32	(0.39)	(0.14)
Year Ended 12/31/2014	25.80	0.44	2.96	3.40	(0.39)	(0.06)
Year Ended 12/31/2013	20.11	0.40	5.91	6.31	(0.39)	(0.23)
Year Ended 12/31/2012	17.71	0.40	2.33	2.73	(0.33)	—
<b><u>HIGH YIELD PORTFOLIO</u></b>						
Year Ended 12/31/2016	4.48	0.26	0.29	0.55	(0.26)	—
Year Ended 12/31/2015	4.87	0.28	(0.39)	(0.11)	(0.28)	—
Year Ended 12/31/2014	5.07	0.30	(0.20)	0.10	(0.30)	—
Year Ended 12/31/2013	5.05	0.32	0.02	0.34	(0.32)	—
Year Ended 12/31/2012	4.66	0.35	0.39	0.74	(0.35)	—
<b><u>INCOME PORTFOLIO</u></b>						
Year Ended 12/31/2016	9.83	0.35	0.25	0.60	(0.35)	(0.01)
Year Ended 12/31/2015	10.50	0.38	(0.44)	(0.06)	(0.38)	(0.23)
Year Ended 12/31/2014	10.34	0.40	0.29	0.69	(0.40)	(0.13)
Year Ended 12/31/2013	10.77	0.40	(0.41)	(0.01)	(0.40)	(0.02)
Year Ended 12/31/2012	10.09	0.40	0.68	1.08	(0.40)	—
<b><u>BOND INDEX PORTFOLIO</u></b>						
Year Ended 12/31/2016	10.89	0.19	(0.02)	0.17	(0.19)	(0.02)
Year Ended 12/31/2015	11.00	0.20	(0.11)	0.09	(0.20)	—
Year Ended 12/31/2014	10.56	0.24	0.44	0.68	(0.24)	—
Year Ended 12/31/2013	11.39	0.21	(0.48)	(0.27)	(0.21)	(0.35)
Year Ended 12/31/2012	11.21	0.23	0.32	0.55	(0.23)	(0.14)

(a) The amount shown may not correlate with the change in aggregate gains and losses of portfolio securities due to the timing of sales and redemptions of portfolio shares.

(c) Net investment income per share reflects special dividends. The effect of these dividends amounted to \$0.07 per share.

\* All per share amounts have been rounded to the nearest cent.

# Thrivent Series Fund, Inc.

## Financial Highlights – continued

### RATIOS / SUPPLEMENTAL DATA

Total Distributions	Net Asset Value, End of Period	Total Return <sup>(b)</sup>	Net Assets, End of Period (in millions)	Ratio to Average Net Assets**		Ratios to Average Net Assets Before Expenses Waived, Credited or Paid Indirectly**		Portfolio Turnover Rate
				Expenses	Net Investment Income/(Loss)	Expenses	Net Investment Income/(Loss)	
\$(0.15)	\$12.10	5.42%	\$ 905.4	0.67%	1.41%	0.67%	1.41%	66%
(1.10)	11.63	3.11%	878.9	0.67%	1.26%	0.67%	1.26%	57%
(0.11)	12.33	5.29%	834.5	0.67%	1.21%	0.67%	1.21%	64%
(0.12)	11.81	29.60%	811.9	0.67%	1.02%	0.67%	1.02%	73%
(0.09)	9.22	14.90%	622.5	0.69%	1.35%	0.69%	1.35%	121%
(0.75)	31.04	11.68%	691.3	0.25%	1.96%	0.25%	1.96%	3%
(0.53)	28.54	1.12%	521.2	0.26%	2.26%	0.26%	2.26%	3%
(0.45)	28.75	13.25%	450.4	0.39%	1.65%	0.39%	1.65%	3%
(0.62)	25.80	31.81%	392.6	0.40%	1.71%	0.40%	1.71%	4%
(0.33)	20.11	15.54%	304.0	0.42%	1.89%	0.42%	1.89%	4%
(0.26)	4.77	12.78%	791.1	0.45%	5.65%	0.45%	5.65%	38%
(0.28)	4.48	(2.69)%	712.1	0.45%	5.73%	0.45%	5.73%	38%
(0.30)	4.87	1.96%	855.8	0.44%	5.86%	0.44%	5.86%	42%
(0.32)	5.07	6.91%	921.9	0.44%	6.31%	0.44%	6.31%	53%
(0.35)	5.05	16.28%	904.9	0.44%	7.11%	0.44%	7.11%	57%
(0.36)	10.07	6.09%	1,427.4	0.44%	3.44%	0.44%	3.44%	109%
(0.61)	9.83	(0.68)%	1,336.0	0.44%	3.69%	0.44%	3.69%	92%
(0.53)	10.50	6.68%	1,392.3	0.44%	3.77%	0.44%	3.77%	87%
(0.42)	10.34	(0.07)%	1,417.6	0.44%	3.78%	0.44%	3.78%	115%
(0.40)	10.77	10.98%	1,575.9	0.44%	3.84%	0.44%	3.84%	132%
(0.21)	10.85	1.49%	194.9	0.46%	1.69%	0.46%	1.69%	349%
(0.20)	10.89	0.80%	157.3	0.47%	1.78%	0.47%	1.78%	372%
(0.24)	11.00	6.52%	150.0	0.47%	2.22%	0.47%	2.22%	407%
(0.56)	10.56	(2.47)%	152.0	0.46%	1.94%	0.46%	1.94%	384%
(0.37)	11.39	4.94%	185.5	0.46%	2.00%	0.46%	2.00%	401%

(b) Total investment return assumes dividend reinvestment and does not reflect any deduction for applicable sales charges. Not annualized for periods less than one year. Total return shown does not reflect charges and expenses imposed on contract holders by the variable accounts. Those charges and expenses reduce the return received by contract holders as compared to the return presented.

\*\* Computed on an annualized basis for periods less than one year

# Thrivent Series Fund, Inc.

## Financial Highlights – continued

**FOR A SHARE OUTSTANDING THROUGHOUT EACH PERIOD\***

	Income from Investment Operations			Less Distributions from		
	Net Asset Value, Beginning of Period	Net Investment Income/(Loss)	Net Realized and Unrealized Gain/(Loss) on Investments <sup>(a)</sup>	Total from Investment Operations	Net Investment Income	Net Realized Gain on Investments
<b>LIMITED MATURITY BOND PORTFOLIO</b>						
Year Ended 12/31/2016	\$9.72	\$0.19	\$ 0.09	\$0.28	\$(0.19)	\$—
Year Ended 12/31/2015	9.81	0.17	(0.10)	0.07	(0.16)	—
Year Ended 12/31/2014	9.82	0.17	(0.01)	0.16	(0.17)	—
Year Ended 12/31/2013	9.92	0.15	(0.10)	0.05	(0.15)	—
Year Ended 12/31/2012	9.67	0.17	0.24	0.41	(0.16)	—
<b>MONEY MARKET PORTFOLIO</b>						
Year Ended 12/31/2016	1.00	0.00	0.00	0.00	—	—
Year Ended 12/31/2015	1.00	0.00	0.00	0.00	—	—
Year Ended 12/31/2014	1.00	0.00	0.00	0.00	—	—
Year Ended 12/31/2013	1.00	0.00	0.00	0.00	—	—
Year Ended 12/31/2012	1.00	0.00	0.00	0.00	—	—

(a) The amount shown may not correlate with the change in aggregate gains and losses of portfolio securities due to the timing of sales and redemptions of portfolio shares.

\* All per share amounts have been rounded to the nearest cent.

# Thrivent Series Fund, Inc.

## Financial Highlights – continued

### RATIOS / SUPPLEMENTAL DATA

Total Distributions	Net Asset Value, End of Period	Total Return <sup>(b)</sup>	Net Assets, End of Period (in millions)	Ratio to Average Net Assets**		Ratios to Average Net Assets Before Expenses Waived, Credited or Paid Indirectly**		Portfolio Turnover Rate
				Expenses	Net Investment Income/(Loss)	Expenses	Net Investment Income/(Loss)	
\$(0.19)	\$9.81	2.84%	\$ 884.1	0.45%	1.94%	0.45%	1.94%	59%
(0.16)	9.72	0.73%	823.9	0.44%	1.67%	0.44%	1.67%	73%
(0.17)	9.81	1.68%	1,018.3	0.44%	1.75%	0.44%	1.75%	102%
(0.15)	9.82	0.45%	1,082.5	0.44%	1.56%	0.44%	1.56%	114%
(0.16)	9.92	4.32%	1,200.0	0.43%	1.72%	0.44%	1.71%	107%
—	1.00	0.00%	191.9	0.45%	0.00%	0.46%	(0.02)%	N/A
—	1.00	0.00%	146.9	0.21%	0.00%	0.55%	(0.33)%	N/A
—	1.00	0.00%	126.4	0.18%	0.00%	0.53%	(0.35)%	N/A
—	1.00	0.00%	146.6	0.22%	0.00%	0.52%	(0.30)%	N/A
—	1.00	0.00%	148.3	0.29%	0.00%	0.51%	(0.23)%	N/A

(b) Total investment return assumes dividend reinvestment and does not reflect any deduction for applicable sales charges. Not annualized for periods less than one year. Total return shown does not reflect charges and expenses imposed on contract holders by the variable accounts. Those charges and expenses reduce the return received by contract holders as compared to the return presented.

\*\* Computed on an annualized basis for periods less than one year

The Statement of Additional Information, which is incorporated by reference into this Prospectus, contains additional information about the Fund and its Portfolios. Additional information about the Portfolios' investments is available in the annual and semiannual reports of the Fund. In the annual report, you will find a discussion of the market conditions and investment strategies that significantly affected the performance of each of the Portfolios during its last fiscal year. You may request a free copy of the Statement of Additional Information, the annual reports or the semiannual reports, or you may make additional requests or inquiries by calling 1-800-847-4836. The Statement of Additional Information, the annual report and the semiannual report are also available, free of charge, at [Thrivent.com](http://Thrivent.com). You also may review and copy information about the Portfolios (including the Statement of Additional Information) at the Public Reference Room of the SEC in Washington, DC. You may get more information about the Public Reference Room by calling 1-202-551-8090. You also may get information about the Portfolios on the EDGAR database at the SEC web site ([www.sec.gov](http://www.sec.gov)), and copies of the information may be obtained, upon payment of a duplicating fee, by writing the Public Reference Section of the SEC, 100 F Street, NE, Washington, DC 20549-1520, or by sending an e-mail to: [publicinfo@sec.gov](mailto:publicinfo@sec.gov).