

# Thrivent ESG Index Portfolio

Available in Thrivent Retirement Choice Variable Annuity

**Benchmark**  
MSCI KLD 400 Social NR USD

**Morningstar Category**  
Large Blend

## Investment Information

The investment seeks to track the investment results of the MSCI KLD 400 Social Index. Under normal circumstances, the fund invests substantially all of its assets in the common stocks of companies included in the MSCI KLD 400 Social Index in the proportions in which they are represented in the index. The index is a float-adjusted market capitalization weighted index designed to provide exposure to U.S. companies with outstanding environmental, social and governance ("ESG") ratings and excluding exposure to companies with negative social or environmental impacts.

### Annual Net Operating Expenses as of 04-30-23

Mortality and Expense(M&E)	1.25%
12b-1 Fee	—
Prospectus Gross Expense Ratio	0.67%
Prospectus Net Expense Ratio	0.38%

Waiver Data	Type	Exp. Date	%
Expense Ratio	Contractual	04-30-24	0.290

### Portfolio Manager(s)

Brian Bomgren. Since 2020.  
Sharon Wang, CFA. Since 2020.

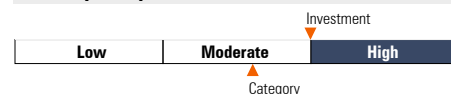
### Operations and Management

Fund Inception Date	07-01-20
Initial Class Inception Date	04-29-20
Advisor	Thrivent Financial For Lutherans
Subadvisor	—

## Risk Evaluation

3-Yr Risk Measures as of 06-30-23	Port Avg	Bmark	Cat Avg
Standard Deviation	18.89	18.96	17.44
Sharpe Ratio	0.62	0.69	0.64
Information Ratio	-9.21	—	-0.61
R-Squared	99.99	—	97.71
Beta	1.00	—	0.91
Alpha	-1.32	—	-0.80

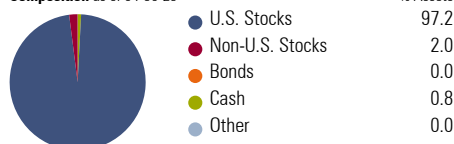
## Volatility Analysis



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

## Portfolio Analysis

### Composition as of 04-30-23



### Top 10 Holdings as of 04-30-23

Top 10 Holdings as of 04-30-23	% Assets
Microsoft Corp	10.66
iShares MSCI KLD 400 Social ETF	4.56
NVIDIA Corp	3.34
Alphabet Inc Class A	3.14
Alphabet Inc Class C	2.90
Tesla Inc	2.16
Visa Inc Class A	1.86
Procter & Gamble Co	1.82
Mastercard Inc Class A	1.60
The Home Depot Inc	1.50
Total Number of Stock Holdings	400
Total Number of Bond Holdings	0
Annual Turnover Ratio %	49
Total Fund Assets (\$mil)	40.54

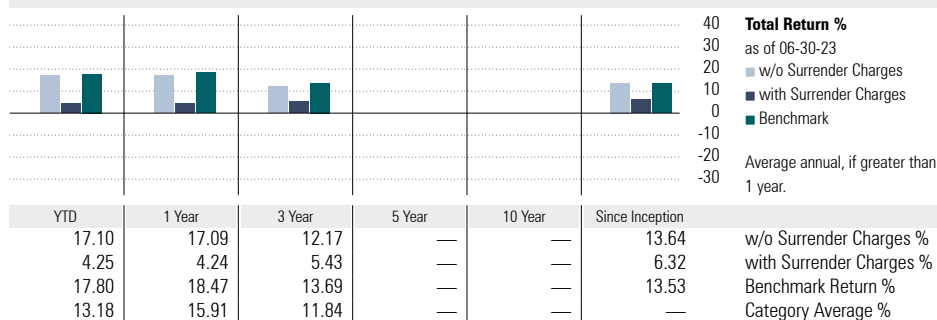
### Morningstar Equity Style Box™ as of 04-30-23

Morningstar Equity Style Box™ as of 04-30-23	% Mkt Cap
Giant	42.48
Large	37.62
Medium	18.34
Small	1.41
Micro	0.15

### Morningstar Sectors as of 04-30-23

Morningstar Sectors as of 04-30-23	% Fund
Cyclical	28.55
Basic Materials	2.56
Consumer Cyclical	10.00
Financial Services	12.59
Real Estate	3.40
Sensitive	49.39
Communication Services	8.77
Energy	1.73
Industrials	9.01
Technology	29.88
Defensive	22.05
Consumer Defensive	8.59
Healthcare	12.28
Utilities	1.18

## Performance



Annualized total returns are based on the change in unit values at the portfolio level for the time period mentioned.

**All data represents past performance and does not guarantee future results. The past performance shown is based on the change in unit values of the Portfolios, and effects of compounding. The performance returns are based solely on the increase or decrease in the value of these units. Both the investment return and the principal value of an investment fluctuate so that units, when redeemed, may be worth more or less than the original investment. Investing involves risk, including the possible loss of principal. The prospectus and summary prospectuses of the variable annuity contract and underlying investment options contain more information on the investment objectives, risks, charges and expenses, which investors should read carefully and consider before investing. For performance results current to the most recent month-end, please contact your financial professional or visit [thrivent.com](http://thrivent.com).**

The Portfolio primarily invests in U.S. stocks with outstanding environmental, social and governance ("ESG") ratings and excludes companies with negative social or environmental impacts. The Portfolio's ESG investment strategy limits the types and number of investment opportunities available to the Portfolio, which may result in underperformance relative to other funds that do not have an ESG focus. The value of the Portfolio is influenced by factors impacting the overall market, certain asset classes, certain investment styles, and specific issuers. An ETF is subject to additional fees and expenses, tracking error, and the risks of the underlying investments that it holds. The use of derivatives such as futures involves additional risks. Large cap companies may be unable to respond quickly to new competitive challenges and may not be able to attain a high growth rate. Medium-sized companies often have greater price volatility and less liquidity than larger companies. The Portfolio attempts to track the performance of the MSCI KLD 400 Social Index, but the return may not match that of the Index due to several factors including timing and expenses. These and other risks are described in the prospectus.

# Glossary of Terms

(Not all terms appropriate for this specific portfolio.)

**Alpha** is a measure of the difference between a portfolio's actual returns and its expected performance, given its level of risk as measured by beta.

**Annual Net Operating Expenses** includes the fees and expenses associated with the underlying portfolio.

**Beta** is a measure of a portfolio's sensitivity to market movements.

**Credit Analysis** For corporate-bond and municipal bond funds, the credit analysis depicts the quality of the U.S. and non-U.S. issuers of the underlying bonds in the fund's portfolio. Credit quality can influence the returns of portfolios that invest heavily in bonds. The Credit Analysis graph shows the percentage of fund assets that are invested in each of the major credit ratings, as determined by Standard & Poor's or Moody's. At the top of the ratings are AAA bonds. Bonds within a BBB rating are the lowest bonds that are still considered to be of investment grade. Bonds that are rated at or lower than BB (often called junk bonds or high-yield bonds) are considered to be quite speculative and are more risky than higher-rated credits. Any bonds that appear in the NR/NA category are either not rated by Standard & Poor's or Moody's or did not have a rating available. These ratings are subject to change. These ratings apply only to the credit worthiness of the issuers of the underlying securities and do not apply to any fund or its shares.

**Duration** is a measure of a portfolio's sensitivity to changes in interest rates; the longer the portfolio's duration, the more sensitive it is.

**Expense Ratio** is the percentage of portfolio assets used to pay for operating expenses and management fees, including 12b-1 fees, administrative fees and all other asset-based costs incurred by the portfolio.

**Geometric average cap** is the geometric mean of the market capitalization for all the stocks the portfolio owned.

**Inception date** is when the investment option became part of the separate account.

**Income ratio** is calculated by dividing the portfolio's net investment income by its NAV (net average value). The portfolio's year-end income ratio reveals the percentage of current income earned per share.

**Information ratio** is a risk-adjusted performance measure. The information ratio is a special version of the Sharpe ratio in that the benchmark doesn't have to be the risk-free rate.

**Market capitalization** is a measure of the size of the companies held in the portfolio, calculated by multiplying a company's total outstanding shares by the stock price. Market cap ranges change as stock market valuations shift over time. In general, market cap ranges of approximately \$1-\$5 billion represent small cap stocks, \$5-\$15 billion represent mid cap stocks and greater than \$15 billion represent large cap stocks.

• **Weighted average market capitalization** is the average size of the companies held in the portfolio, based on the

market value of each company's stock, weighted by the position size.

• **Median market capitalization** is the median size of the companies held in the portfolio. The median market cap is the midpoint; half of the companies held in the portfolio are larger and half are smaller than the median.

**Maturity** is the average effective maturity, which is a weighted average of all the maturities of the bonds in a portfolio, computed by weighting each maturity date by the market value of the security.

**Morningstar Style Box™** reveals a portfolio's investment style. For equity funds the vertical axis shows the market capitalization of the long stocks owned and the horizontal axis shows investment style (value, blend, or growth). For fixed-income funds, the vertical axis shows the credit quality of the long bonds owned and the horizontal axis shows interest rate sensitivity as measured by a bond's effective duration.

**Mortality and Expense (M&E)** is the percentage of the portfolio's assets that the insurance company deducts to cover costs associated with mortality and expense risk.

**Price/Book (P/B) ratio** is the weighted average of the price/book ratios of all the stocks in a portfolio. The P/B ratio is calculated by dividing the market price of its stock by the company's per-share book value.

**Price/Cash (P/C) ratio** represents the weighted average of the price/cash-flow ratios of the stocks in a portfolio. It shows the ability of a business to generate cash and acts as a gauge of liquidity and solvency.

**Price/Earnings (P/E) ratio** is a stock's current price divided by the company's trailing 12-month earnings per share.

**R-squared** reflects the percentage of a portfolio's movements that can be explained by movements in its benchmark.

**Return on Equity (ROE)** is a measure of corporate profitability that shows how much net income the companies in the portfolio have generated as a percentage of shareholder equity.

**Risk potential** is categorized into five levels: Conservative, Moderately Conservative, Moderate, Moderately Aggressive, and Aggressive, ranking from lower risk potential to higher risk potential. Portfolios on the lower risk portion of the scale (Conservative, Moderately Conservative) are expected to have a lower degree of volatility and price fluctuations, while those on the higher risk portion of the scale (Aggressive, Moderately Aggressive) are expected to have a higher degree of volatility and price fluctuations.

**Sharpe ratio** uses standard deviation and excess return to determine reward per unit of risk.

**Standard deviation** is a statistical measure of the volatility of the portfolio's returns.

**Turnover ratio** of a portfolio is a decent proxy for how frequently a manager trades his or her portfolio.

## Morningstar Category

Large-blend portfolios are fairly representative of the overall US stock market in size, growth rates and price. Stocks in the top 70% of the capitalization of the US equity market are defined as large cap. The blend style is assigned to portfolios where neither growth nor value characteristics predominate. These portfolios tend to invest across the spectrum of US industries, and owing to their broad exposure, the portfolios' returns are often similar to those of the S&P 500 Index.

**MSCI KLD 400 Social NR USD:** The index measures the performance of large, mid and small cap U.S. companies with high Environmental, Social and Governance (ESG) ratings and excludes companies involved in Alcohol, Gambling, Tobacco, Military Weapons, Civilian Firearms, Nuclear Power, Adult Entertainment, and Genetically Modified Organisms (GMO). It is designed to maintain similar sector weights as the MSCI USA Index and targets a minimum count of 200 large and mid cap constituents. Companies must have an IVA rating above 'BB' and an Impact Monitor Score greater than 2 to be eligible for the Index. The Index is float-adjusted market capitalization weighted.

## Performance

Returns with Surrender Charges reflect the surrender charges that would have been applied had the contract been surrendered within seven years of the last premium. Each premium has its own surrender charge schedule. These charges are 7% in the first and second year, and decrease by 1% each subsequent year until they are zero in year eight. Up to 10% of your accumulated value or earnings, whichever is greater, may be withdrawn each contract year without a surrender charge. Returns without Surrender Charges do not include surrender charges. All values reflect the deduction of the current and maximum mortality and expense risk (M&E) charge of 1.25% (actual M&E charges are approximated) and annual net operating expenses of 0.23% to 1.27%, depending on the Portfolio. The expenses for certain Portfolios are taken after fee waiver arrangements are applied. Without these reimbursements, the fees would be higher. These may be discontinued at any time. Annual operating expenses are subject to change. Total returns are calculated from the inception date of the portfolio.

## Important Information

Thrivent is the marketing name for Thrivent Financial for Lutherans. Insurance products issued by Thrivent. Not available in all states. The principal underwriter and distributor of variable insurance products is Thrivent Investment Management Inc., member FINRA and SIPC and a subsidiary of Thrivent. [Thrivent.com/disclosures](http://Thrivent.com/disclosures).