

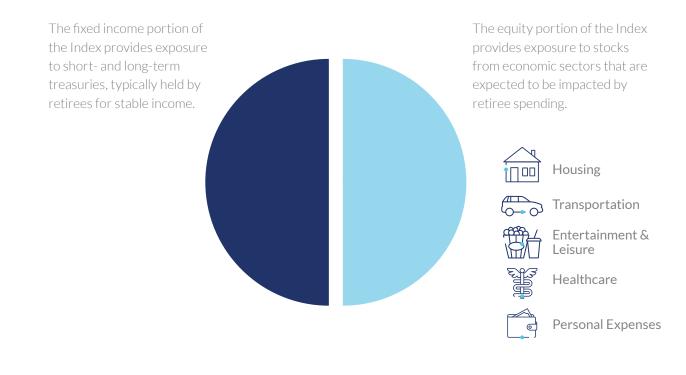
# Index Tracks Retiree Spending Habits

When you purchase a fixed-indexed annuity from MassMutual Ascend Life Insurance Company, you may have the opportunity to allocate money to an indexed strategy that earns interest based in part on the change in the S&P U.S. Retiree Spending Index. This Index is intended to track the spending habits of retirees in the United States.

#### Why retiree spending matters

The demographics of the United States are shifting in record numbers. Every day, 10,000 individuals leave the workforce and bring their spending power and evolving priorities to the broader economy. The demands of the baby boomer generation are expected to reshape certain economic sectors.

The S&P U.S. Retiree Spending Index is designed to measure these evolving economic sectors and performance of certain treasuries. The Index is made up of 50% equities and 50% fixed income.



#### Why consider an S&P U.S. Retiree Spending indexed strategy?

The S&P U.S. Retiree Spending Index provides exposure to stocks that are expected to be impacted by retiree spending. This means, you could earn interest based on the stock performance of companies that produce the goods and services you consume.

Please refer to the product's brochure or consult your financial professional for more information on the S&P U.S. Retiree Spending Index and indexed strategies available with your particular fixed-indexed annuity.

## For more information on the S&P U.S. Retiree Spending Index, visit US.SPindices.com and search keyword SPRETIRE or call us at 800-789-6771.

MassMutual Ascend Life Insurance Company is not an investment adviser and the information provided in this document is not investment advice. You should consult your investment professional for advice based on your personal circumstances and financial situation.

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