

Growth & protection strategies in action

with a 50% downside participation rate strategy on a registered index-linked annuity



Registered index-linked annuities (RILAs) offer exposure to market growth while reducing exposure to market loss. Gains or losses are added to or deducted from the account value at the end of each term. The following pages use a sequence of hypothetical account statements to show how this crediting feature works in different market scenarios. These hypothetical account statements do not account for the deduction of any contract fees that would reduce account values.

The hypothetical results and rates are not reflective of historical performance and are not a guarantee of future results.



An Up Market

Let's say at the end of the first one-year term*, the index change is positive. In this situation, the positive return, or gain, is credited to the account value.

Example assumes a hypothetical 80% upside participation rate and 24.50% index change for the term.

In an up market, gains are added to the account value at the end of the term, subject to a cap or participation rate.

*Additional strategies with different term lengths are available. Statement values would differ if alternative strategies had been chosen.

MassMutual Ascend

Your Annuity Statement

Statement Period: 10/06/2020 - 10/06/2021

Product issued by:
MassMutual Ascend Life Insurance Company
800-854-3649
MassMutualAscend.com

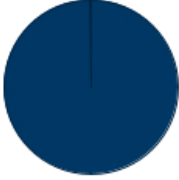
John Doe
123 Any Street
Any Town, USA 12345

Registered Representative: Jane Doe
800-000-000
jdoe@xxxx.com

Contract Number: xxxxxxxxxxxx
Owner(s): John Doe
Annuitant(s): John Doe
Effective Date: 10/06/2020
Tax Qualification: Non Qualified
Annuity Product: Product Name

Broker/Dealer: ABC Company
123 Street
Anywhere, OH 12345

Based on the credited rate of 19.60%, the account value is credited with \$19,600.

Account Summary for Statement Period		Since Contract Inception		Strategy Allocation as of 10/06/2021	
Account Value as of 10/06/2020	\$100,000.00	Purchase Payments	\$100,000.00	 <p>■ S&P 500 1-Year 50% Downside Par 100%</p>	
Withdrawals	\$0.00	Withdrawals	\$0.00		
Interest/Performance	\$19,600.00				
Account Value as of 10/06/2021	\$119,600.00				
Investment Base + Declared Rate Strategy as of 10/06/2020	\$100,000.00				
Investment Base + Declared Rate Strategy as of 10/06/2021	\$119,600.00				
Surrender Value as of 10/06/2020	\$91,000.00				
Surrender Value as of 10/06/2021	\$110,032.00				

Performance Summary for Statement Period				
Strategy	Cap	Upside Participation Rate	Index Change	Your Gain/Loss*
S&P 500 1-Year 50% Downside Par	N/A	80%	24.50 %	19.60%

*Your Gain/Loss is for amounts held for the entire statement period and does not take withdrawals into account.

The index change for the term was 24.50%. Using the 80% participation rate, the credited rate is 19.60% (24.50% x 80%).

If a contract fee applied to this contract, the amount credited to the account value would be lower.



A Down Market

The next one-year term, the market is down, and the index change is negative. In this example, the RILA features a 50% downside participation rate that protected the account value from half of the loss.

Example assumes a hypothetical 85% upside participation rate and -12.60% index change for the term.

RILAs offer indexed strategies with different protection features, such as a floor, buffer or downside participation rate. These features provide a level of protection to both the principal and prior earnings in a down market.

MassMutual Ascend

Your Annuity Statement

Statement Period: 10/06/2021 - 10/06/2022

Product issued by:
MassMutual Ascend Life Insurance Company
800-854-3649
MassMutualAscend.com

Registered Representative: Jane Doe
800-000-000
jdoe@xxxx.com

Broker/Dealer: ABC Company
123 Street
Anywhere, OH 12345

Beginning account value equals the ending account value from the previous year. The entire account value is protected from 50% of the market loss for a term.

John Doe
123 Any Street
Any Town, USA 12345

Contract Number: xxxxxxxxxxxx
Owner(s): John Doe
Annuitant(s): John Doe
Effective Date: 10/06/2020
Tax Qualification: Non Qualified
Annuity Product: Product Name

The loss of \$7,534.80 is deducted from the account value.

Account Summary for Statement Period		Since Contract Inception		Strategy Allocation as of 10/06/2022	
Account Value as of 10/06/2021	\$119,600.00	Purchase Payments	\$100,000.00	<p>■ S&P 500 1-Year 50% Downside Par 100%</p>	
Withdrawals	\$0.00	Withdrawals	\$0.00		
Interest/Performance	-\$7,534.80				
Account Value as of 10/06/2022	\$112,065.20				
Investment Base + Declared Rate Strategy as of 10/06/2021	\$119,600.00				
Investment Base + Declared Rate Strategy as of 10/06/2022	\$112,065.20				
Surrender Value as of 10/06/2021	\$110,032.00				
Surrender Value as of 10/06/2022	\$104,220.63				

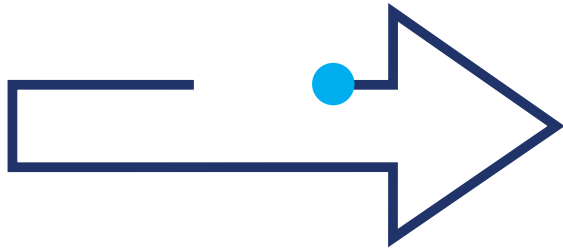
Performance Summary for Statement Period				
Strategy	Cap	Upside Participation Rate	Index Change	Your Gain/Loss*
S&P 500 1-Year 50% Downside Par	N/A	85%	-12.60%	-6.30%

*Your Gain/Loss is for amounts held for the entire statement period and does not take withdrawals into account.

The index change for the term was -12.60%. The downside participation rate protected against 50% of the loss, making the credited rate -6.30%.

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If a contract fee applied to this contract, the amount credited to the account value would be lower.



A Flat Market

At the end of the third one-year term, there is no change in the index value. In this case, there is no gain or loss. The account value remains the same.

Example assumes a hypothetical 83% upside participation rate and 0.00% index change for the term.

Even in a flat market, annual statements provide a great opportunity to meet with clients to review their portfolio and evaluate their financial goals.

MassMutual Ascend

Your Annuity Statement

Statement Period: 10/06/2022 - 10/06/2023

Product issued by:
MassMutual Ascend Life Insurance Company
800-854-3649
MassMutualAscend.com

John Doe
123 Any Street
Any Town, USA 12345

Registered Representative: Jane Doe
800-000-000
jdoe@xxxx.com

Contract Number: xxxxxxxxxxxx
Owner(s): John Doe
Annuitant(s): John Doe
Effective Date: 10/06/2020
Tax Qualification: Non Qualified
Annuity Product: Product Name

Broker/Dealer: ABC Company
123 Street
Anywhere, OH 12345

Beginning account value equals the ending account value from the previous year.

In a flat market, there is no gain or loss, and the account value remains the same.

Account Summary for Statement Period		Since Contract Inception		Strategy Allocation as of 10/06/2023	
Account Value as of 10/06/2022	\$112,065.20	Purchase Payments	\$100,000.00	<p>■ S&P 500 1-Year 50% Downside Par 100%</p>	
Withdrawals	\$0.00	Withdrawals	\$0.00		
Interest/Performance	\$0.00				
Account Value as of 10/06/2023	\$112,065.20				
Investment Base + Declared Rate Strategy as of 10/06/2022	\$112,065.20				
Investment Base + Declared Rate Strategy as of 10/06/2023	\$112,065.20				
Surrender Value as of 10/06/2022	\$104,220.63				
Surrender Value as of 10/06/2023	\$105,341.28				

Performance Summary for Statement Period				
Strategy	Cap	Upside Participation Rate	Index Change	Your Gain/Loss*
S&P 500 1-Year 50% Downside Par	N/A	83%	0.00%	0.00%

*Your Gain/Loss is for amounts held for the entire statement period and does not take withdrawals into account.

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In the event of a flat market, the credited rate is simply 0%.

If a contract fee applied to this contract, the amount credited to the account value would be lower.

Contact the MassMutual Ascend sales team to learn more about the registered index-linked annuities available to you.

Registered index-linked annuities are securities and must be sold through a Broker/Dealer.

Any sales solicitation must be accompanied or preceded by a prospectus. To obtain a copy of the prospectus, please visit [MassMutualAscend.com/RILArates](https://www.MassMutualAscend.com/RILArates).

Principal Underwriter/Distributor: MM Ascend Life Investor Services, LLC, member FINRA and an affiliate of MassMutual Ascend Life Insurance Company.

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