

# Understanding the impact of withdrawals on a registered index-linked annuity

When you purchase a registered index-linked annuity from MassMutual Ascend Life Insurance Company, you will be able to access a portion of your contract value each year without penalty. However, withdrawals taken prior to the end of a term will affect your investment base. The following examples show what happens if you decide to take a withdrawal during a term.

## Hypothetical examples

What happens if a withdrawal is taken when the index is **rising**?

The following example assumes:

- \$100,000 is allocated to a 1-year 10% buffer with cap indexed strategy that offers a 20% cap
- A penalty-free \$10,000 withdrawal is taken in month four
- At the time of the withdrawal, the daily value percentage\* is 2.33%
- At the end of the term, the index increase is 15%

<b>STEP 1</b> Determine the strategy value	<b>\$100,000</b> investment base	+	<b>\$2,330 gain</b> ( $\$100k \text{ purchase payment} \times 2.33\% \text{ daily value percentage}$ )	=	<b>\$102,330</b> strategy value
<b>STEP 2</b> Determine the strategy value reduction	<b>\$10,000</b> withdrawal	÷	<b>\$102,330</b> strategy value	=	<b>9.77%</b> reduction
<b>STEP 3</b> Determine the investment base proportional reduction	<b>\$100,000</b> starting investment base	×	<b>9.77%</b> reduction	=	<b>\$9,770</b> investment base reduction
<b>STEP 4</b> Determine the strategy value at the end of the term	<b>\$90,230</b> investment base after withdrawal	×	<b>+15% increase</b> (15% index change falls within the 20% cap, resulting in 15% strategy value increase)	=	<b>\$103,765</b> ending strategy value

## What happens if a withdrawal is taken when the index is falling?

The following example assumes:

- \$100,000 is allocated to a 1-year 10% buffer indexed strategy
- A penalty-free \$10,000 withdrawal is taken in month four
- At the time of the withdrawal, the daily value percentage\* is -2.10%
- At the end of the term, the index decrease is -15%

<b>STEP 1</b> Determine the strategy value	<b>\$100,000</b> investment base	-	<b>\$2,100 loss</b> ( $\$100\text{k purchase payment}$ $\times -2.10\%$ daily value percentage)	=	<b>\$97,900</b> strategy value
<b>STEP 2</b> Determine the strategy value reduction	<b>\$10,000</b> withdrawal	÷	<b>\$97,900</b> strategy value	=	<b>10.21%</b> reduction
<b>STEP 3</b> Determine the investment base proportional reduction	<b>\$100,000</b> starting investment base	×	<b>10.21%</b> reduction	=	<b>\$10,210</b> investment base reduction
<b>STEP 4</b> Determine the strategy value at the end of the term	<b>\$89,790</b> investment base after withdrawal	×	<b>-5% decrease</b> (10% buffer absorbs first 10% of loss, resulting in -5% strategy value decrease)	=	<b>\$85,301</b> ending strategy value

\*The Daily Value Percentage is a complex calculation involving multiple factors. Please see the Special Terms Related To Daily Value Percentage section of the prospectus for more information. To obtain a copy of the prospectus, please visit [MassMutualAscend.com/RILArates](https://www.massmutualascend.com/RILArates).

The Index Summit 6 has a 6-year early withdrawal charge schedule. The Index Summit 6 Pro has a 6-year early withdrawal charge schedule and has a contract fee deducted daily from each strategy which compounds to an effective annual rate of 0.95%. For Index Summit 6 Pro contracts issued before 5/7/2024, the contract fee deducted daily from each strategy compounds to an effective annual rate of 0.75%. The Index Achiever Advisory has no early withdrawal charges and instead has a market value adjustment (MVA) that will apply during the first six contract years. The Index Frontier 5 Plus has a 5-year early withdrawal charge schedule. The examples above do not take into account applicable contract fees.

Annuities are intended to be long-term products and may not be suitable for all investors. Withdrawals from an annuity contract may have tax consequences. MassMutual Ascend's registered index-linked annuities can only be sold through a Broker/Dealer that is contracted with MassMutual Ascend Life Insurance Company. 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).

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

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

Products issued by MassMutual Ascend Life Insurance Company<sup>SM</sup> (Cincinnati, Ohio), a wholly owned subsidiary of Massachusetts Mutual Life Insurance Company (MassMutual), under contract form numbers ICC24-P1825224NW, ICC24-P1833624NW, ICC24-P1841624NW and ICC24-P1850824NW. Form numbers, product features and availability may vary by state.

**All guarantees based on the claims-paying ability of MassMutual Ascend.**

This content does not apply in the state of New York.

NOT A BANK OR CREDIT UNION DEPOSIT OR OBLIGATION • NOT FDIC OR NCUA-INSURED • NOT INSURED BY ANY  
FEDERAL GOVERNMENT AGENCY • MAY LOSE VALUE • NOT GUARANTEED BY ANY BANK OR CREDIT UNION

**...MassMutual Ascend**