MassMutual Ascend
Life Insurance Company

Index Protector 5

A fixed-indexed annuity from MassMutual Ascend Life Insurance Company

AT A GLANCE

The information in this At A Glance is intended to provide a high level summary of the features and benefits available with this product. More information is available in the product brochure. For complete terms and conditions, please read your contract, including endorsements and riders.

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

Index Protector 5

Issue ages

Qualified: 0–89
Non-qualified: 0–89
Inherited IRA: 0–75
Inherited non-qualified: 0–75

Tax qualifications

Non-qualified & qualified: 403(b) (traditional and Roth), IRA (traditional, Roth, SEP, SIMPLE and Inherited), 401(a), 457(b) and inherited non-qualified

Purchase payments

- Issued with single premium
- Subsequent purchase payments accepted in first two contract months
- All purchase payments are paid into purchase payment account, then moved into interest strategies at the start of the next term
- **Minimum:** $50,000
- **Subsequent:** $25,000
- **Maximum:** $2 million issue ages 0-75; $1.5 million issue ages 76-80; $1 million issue ages 81+

Riders & waiver

Included

- **Extended Care Waiver Rider**
  100% account value when criteria met
- **Terminal Illness Waiver Rider**
  100% account value when criteria met

Optional rider is available

GMSV: guaranteed minimum surrender value

87.5% of purchase payments, plus interest credited daily at a guaranteed minimum rate less prior withdrawals, net of applicable market value adjustments.

Early withdrawal charges

There are no early withdrawal charges. A market value adjustment will apply during the first five contract years.

MVA-free withdrawals

- In the event a cap for an indexed strategy falls below its bailout rate
- During first contract year, 10% of purchase payments
- After first contract anniversary, 10% of the account value as of the most recent contract anniversary

MVA: market value adjustment

A market value adjustment will apply to withdrawals or surrenders during the first five contract years.

Annuitization for account value

Greatest of account value or GMSV used for all annuitizations. A fixed period of less than ten years is available only as a death benefit settlement option.

Easy systematic payment program (non-contractual)

Fixed dollar and RMDs

Loans

Not available

Interest strategies

- 1-year declared rate
- 5-year declared rate
- S&P 500® 1-year point-to-point with cap
- iShares MSCI EAFE 1-year point-to-point with cap
- SPDR® Gold Shares 1-year point-to-point with cap

Bailout feature

For each indexed strategy, negative market value adjustments will be waived if the cap for that indexed strategy ever falls below its bailout rate.

Payout options

- Fixed period income
- Life income or life income with payments for at least a fixed period
- Joint and one-half survivor income

Death benefit

Greater of the account value or GMSV.

MassMutual Ascend℠ 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.

To easily track the performance of our strategies' underlying indices using their ticker symbols visit US.SPIndices.com and search keyword: S&P 500: SPX, iShares U.S. MSCI EAFE ETF: EFA and SPDR Gold: GLD. SPDR Gold Shares refer to units of interest in an exchange traded fund that reflect the market value of gold bullion.

The "S&P 500® Index" is a product of S&P Dow Jones Indices LLC or its affiliates ("SPDJI") and has been licensed for use by MassMutual Ascend Life Insurance Company. S&P®, S&P 500®, SPDR®, US 500, The 500, iBoxx®, iTraxx® and CDX® are trademarks of S&P Global, Inc. or its affiliates ("S&P"); Dow Jones® is a registered trademark of Dow Jones Trademark Holdings LLC ("Dow Jones"); MassMutual Ascend Life Insurance Company's products are not sponsored, endorsed, sold or promoted by SPDJI, Dow Jones, S&P, their respective affiliates, and none of such parties make any representation regarding the advisability of investing in such products nor do they have any liability for any errors, omissions, or interruptions of the S&P 500® Index.

The iShares MSCI EAFE ETF is distributed by BlackRock Investments, LLC. iShares®, BLACKROCK®, and the corresponding logos are registered and unregistered trademarks of BlackRock, Inc. and its affiliates ("BlackRock"), and these trademarks have been licensed for certain purposes by MassMutual Ascend Life Insurance Company. MassMutual Ascend Life Insurance Company annuity products are not sponsored, endorsed, sold or promoted by BlackRock, and purchasers of an annuity from MassMutual Ascend Life Insurance Company do not acquire any interest in the iShares MSCI EAFE ETF nor enter into any relationship of any kind with BlackRock. BlackRock makes no representation or warranty, express or implied, to the owners of any MassMutual Ascend Life Insurance Company annuity product or any member of the public regarding the advisability of purchasing an annuity, nor does it have any liability for any errors, omissions, interruptions or use of the iShares MSCI EAFE ETF or any data related thereto.

Fee-based annuities are intended for distribution by Investment Advisor Representatives.

Product issued by MassMutual Ascend Life Insurance Company℠, (Cincinnati, Ohio), a wholly owned subsidiary of Massachusetts Mutual Life Insurance Company (MassMutual), under contract form ICC20-P1146620NW and rider forms ICC25-R6087225NW, ICC20-R6062719NW and ICC20-R6062619NW (not available in Massachusetts). Form numbers, features and availability may vary by state.

The product overview is intended only to provide a summary of this annuity product. In order to obtain a complete understanding, please read the contract provisions carefully as this is not intended to be a substitute for the contract.

All guarantees subject to the claims-paying ability of MassMutual Ascend Life Insurance Company.

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

© 2026 MassMutual Ascend Life Insurance Company, Cincinnati, OH 45202.
All rights reserved. www.MassMutualAscend.com
B1168026NW 11/26