

# AssuranceSelect 3 Plus

## OVERVIEW

<b>ISSUE AGES</b>	0-90 (qualified); 0-90 (non-qualified); 0-75 (inherited IRA); 0-75 (inherited non-qualified)										
	Issue age is the owner's age at last birthday. For joint owners, the oldest age will be used as the issue age. If the owner is a non-natural person, the age of the eldest annuitant will be treated as the age of the owner for all purposes under this contract.										
	In Texas, contracts can only be issued up to age 85.										
<b>PURCHASE PAYMENTS</b>	This product accepts purchase payments during the first two contract months. Terms begin only on the 6 <sup>th</sup> and 20 <sup>th</sup> of each month. Purchase payments are held in the purchase payment account and moved to the strategies at the beginning of the next term. Additional purchase payments may have their own interest strategy terms.										
	<b>Minimum:</b> Initial purchase payment: \$50,000; additional purchase payments: \$2,000										
	<b>Maximum (without prior approval):</b> \$2 million for ages 0-75, \$1 million for ages 76+										
	Maximums apply to the total purchase payments made to all annuities from MassMutual Ascend with the same owners or the same annuitants.										
<b>TAX QUALIFICATIONS</b>	Non-qualified and qualified: 403(b) (traditional and Roth), IRA (traditional, Roth, SEP, SIMPLE and inherited), 457(b) and inherited non-qualified										
<b>EARLY WITHDRAWAL CHARGE</b>	An early withdrawal charge is applied to full surrenders and withdrawals.										
	<table border="1"> <thead> <tr> <th data-bbox="526 1293 737 1325"><b>CONTRACT YEAR</b></th> <th data-bbox="938 1293 954 1325">1</th> <th data-bbox="1013 1293 1029 1325">2</th> <th data-bbox="1084 1293 1101 1325">3</th> <th data-bbox="1149 1293 1182 1325">4+</th> </tr> </thead> <tbody> <tr> <td data-bbox="526 1339 886 1367"><b>EARLY WITHDRAWAL CHARGE</b></td> <td data-bbox="927 1339 959 1367">8%</td> <td data-bbox="1003 1339 1036 1367">8%</td> <td data-bbox="1078 1339 1110 1367">7%</td> <td data-bbox="1149 1339 1182 1367">0%</td> </tr> </tbody> </table>	<b>CONTRACT YEAR</b>	1	2	3	4+	<b>EARLY WITHDRAWAL CHARGE</b>	8%	8%	7%	0%
<b>CONTRACT YEAR</b>	1	2	3	4+							
<b>EARLY WITHDRAWAL CHARGE</b>	8%	8%	7%	0%							
<b>MARKET VALUE ADJUSTMENT</b>	During the first three contract years, a market value adjustment (or MVA) will apply if the contract is surrendered or a withdrawal above the free withdrawal allowance is taken.										
	An MVA is an adjustment to the contract values based on how market interest rates have changed since the contract was purchased. If interest rates have been fairly steady or have gone up, the adjustment will be negative and may decrease contract values. If interest rates have gone down, the adjustment may be positive and may increase contract values. The amount subject to the adjustment is the portion of the account value withdrawn after the 10% free withdrawal allowance. This amount is then multiplied by the MVA factor.										
	A positive MVA will never be more than the early withdrawal charge that would apply to the withdrawal or surrender. A negative MVA, together with the early withdrawal charge, will never reduce the account value by more than an amount equal to two times that charge.										

**GUARANTEED  
MINIMUM  
SURRENDER VALUE  
(GMSV)**

The GMSV equals 87.5% of purchase payments minus all prior withdrawals (not including early withdrawal charges or negative market value adjustments) plus interest credited daily at the GMSV rate. The GMSV will not be less than the minimum values required by the NAIC standard nonforfeiture law for individual deferred annuities, model #805 and the GMSV rate will not be less than the minimum rate required by each state.

**FREE WITHDRAWAL  
ALLOWANCE**

During the first contract year, 10% of purchase payments may be withdrawn without an early withdrawal charge. After the first contract year, 10% of the account value as of the most recent contract anniversary may be withdrawn without an early withdrawal charge.

**WITHDRAWALS**

Withdrawals are allowed any time prior to the annuity payout initiation date. All withdrawals are subject to IRS regulations and early withdrawal charges. Withdrawals will be taken first from the purchase payment account, then from the declared rate strategy, then proportionally from the other indexed interest strategy(ies) with the shortest term.

**Minimum withdrawal:** \$500

**Minimum account value following withdrawal:** \$5,000

**TERMINAL ILLNESS  
WAIVER RIDER**

Provided that the diagnosis is rendered more than one year after the contract effective date, up to 100% of the account value can be withdrawn without deduction of an early withdrawal charge if the owner or joint owner is diagnosed by a physician as having a terminal illness with a prognosis of 12 months or less.

*This waiver may be used only once. Not available in Massachusetts.*

**EXTENDED CARE  
WAIVER RIDER**

To help ease the strain of certain unforeseen events, an extended care waiver is available for no additional charge. If the owner is confined to a nursing home or other long-term care facility after the completion of the first contract year for at least 90 consecutive days, early withdrawal charges may be waived on withdrawals up to a full surrender. Not available in Massachusetts.

*In California, the Extended Care Waiver Rider has been replaced with the Waiver of Early Withdrawal Charges for Facility Care or Home Care or Community-Based Services Rider, which provides for a waiver of early withdrawal charges under an expanded variety of circumstances.*

**INTEREST  
STRATEGIES**

Upon issue, the owner selects from two types of interest strategies: a **declared rate strategy** and an **indexed strategy**.

At the end of each term of a given interest strategy, the ending value of the interest strategy will be applied to a new term of that same interest strategy. However, the owner may reallocate the ending values of the interest strategies for that term among the available interest strategies by submitting a strategy selection form on or before the last day of the term. Available strategies are subject to change at any time for new sales.

## TERM

- A term is the period over which interest is calculated for an indexed strategy. Indexed strategies available on this product offer one-year terms. Clients may reallocate funds among available strategies at the end of each one-year term.
- The First Trust Barclays Edge Index 1-Year Point-To-Point with 3-Year Participation Rate Lock strategy has three one-year terms. The participation rate is locked in for all three one-year terms. This strategy may only be selected during the first contract year. At the end of each one-year term, the ending value of this strategy may be applied to a new term of this strategy. No other amounts may be applied. At the end of each one-year term, clients may also reallocate funds held in this strategy among other available strategies. Funds held in the strategy at the end of the third one-year term are automatically applied to the First Trust Barclays Edge Index 1-year point-to-point with participation rate strategy unless clients elect otherwise.
- Interest, if any, is credited on the last day of a term on all indexed strategies.

---

## INTEREST RATES

**Purchase payment account interest rate:** Interest is credited daily on amounts held in the purchase payment account at the GMSV rate set out on the contract specifications page.

**Declared interest rate:** Interest is credited daily on amounts held under a declared rate strategy based on the applicable declared interest rate. The current declared interest rate will not change during the strategy's term and is guaranteed to never be below the guaranteed declared rate for any subsequent terms. The guaranteed declared rate is set out in the interest strategy endorsement. Current declared interest rates and guaranteed declared rates may vary by state; please refer to the current interest rate chart.

**Indexed interest rate:** Indexed strategies linked to the S&P 500®(SPX), iShares U.S. Real Estate ETF (IYR) and the iShares MSCI EAFE ETF (EFA) provide returns based, in part, on the change in the price of the applicable Index or ETF. The price does not include dividends that might be paid on the underlying investments of the Index or ETF.

Indexed strategies linked to the First Trust Barclays Edge Index (FTEDGE7) provide returns based, in part, on the change in the price of the Index. The price change includes dividends that might be paid on components of the Index.

**Indexed strategies include:**

- S&P 500® 1-year point-to-point with cap
- iShares U.S. Real Estate 1-year point-to-point with cap
- iShares MSCI EAFE 1-year point-to-point with cap
- First Trust Barclays Edge Index 1-year point-to-point with participation rate
- First Trust Barclays Edge Index 1-year point-to-point with 3-year participation rate lock

**Point-to-point indexed strategy:** The indexed interest rate for a term is determined by comparing the index value or share price on the last day of that term to the value or price on the first day of that term. The indexed interest rate for that term equals the index change, up to the cap or multiplied by the participation rate. The indexed interest rate will never be less than 0%.

*Available strategies may vary by state and by distribution.*

**ACCOUNT VALUE**

The account value equals the sum of the following values:

**Purchase payment account value:** The purchase payment account value is equal to purchase payments received since the last interest strategy application date, minus the premium tax or other tax that may apply to such purchase payments, minus the amount needed to pay for each withdrawal taken from the purchase payment account since the last interest strategy application date, minus charges taken from the purchase payment account since the last interest strategy application date, plus interest earned daily on the purchase payment account value.

**Interest strategy value:** The interest strategy value is equal to the amount applied to that interest strategy for the current term, minus the amount needed to pay for each withdrawal taken from that interest strategy during the current term, minus charges taken from that interest strategy during the current term, and plus interest, if any, earned on that interest strategy for the current term.

---

**SURRENDER VALUE**

The surrender value equals the greater of the the account value, reduced by charges not previously deducted, and minus the early withdrawal charge that would apply on a surrender; or the GMSV.

---

**PAYOUT OPTIONS**

The following options are available: fixed period income, life income or life income with payments for at least a fixed period, or joint and one-half survivor income.

---

**OWNERSHIP**

Owner and annuitant must be the same on qualified contracts. Joint owners are allowed only on non-qualified contracts. Trusts and corporations are allowed as owners.

---

**DEATH BENEFIT**

The greater of the account value, reduced by charges not previously deducted, and reduced by premium tax or other taxes not previously deducted; or the GMSV.

---

**EASY SYSTEMATIC  
PAYMENT (ESP)  
PROGRAM (NON-  
CONTRACTUAL)**

The RMD option is available. Refer to the Terms and Conditions section of the ESP program election agreement form for eligibility requirements. ESP payments reduce the amount available under the free withdrawal allowance. Please note indexed interest is credited only at the end of a term; amounts withdrawn before the end of a term will not earn any indexed interest.

---

**STATE VARIATIONS**

Texas: Contracts can only be issued up to age 85.

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®, 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 product(s) nor do they have any liability for any errors, omissions, or interruptions of the S&P 500® Index.

The iShares MSCI EAFE ETF and the iShares U.S. Real Estate ETF are 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 or the iShares U.S. Real Estate 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 the iShares U.S. Real Estate ETF or any data related thereto.

The First Trust Barclays Edge Index (“FTIS Index”) is a product of FT Indexing Solutions LLC (“FTIS”) and is administered and calculated by Bloomberg Index Service Limited and its affiliates (collectively, “BISL”). FIRST TRUST® and First Trust Barclays Edge Index are trademarks of First Trust Portfolios L.P. (collectively, with FTIS and their respective affiliates, “First Trust”). The foregoing index and trademarks have been licensed for use for certain purposes by Barclays, Bloomberg, and MassMutual Ascend Life Insurance Company (collectively, the “Licensees”) in connection with the FTIS Index and certain products utilizing the FTIS Index (collectively, the “Products”).

The Capital Strength Index (“Nasdaq Index”) is a product of Nasdaq, Inc. (collectively, with its affiliates, “Nasdaq”). NASDAQ®, CAPITAL STRENGTH INDEX™, NQCAPST™, and NQCAPSTT™ are trademarks of Nasdaq. The foregoing index and trademarks have been licensed for use for certain purposes by FTIS and Licensees in connection with the FTIS Index and the Products.

The Value Line Dividend Index (“Value Line Index”) is a product of Value Line, Inc. (“Value Line”). VALUE LINE® and VALUE LINE DIVIDEND INDEX™ are trademarks or registered trademarks of Value Line. The foregoing index and trademarks have been licensed for use for certain purposes by FTIS and Licensees in connection with the FTIS Index and the Products. The FTIS Index is not sponsored, endorsed, recommended, sold or promoted by Value Line and Value Line makes no representation regarding the advisability of investing in any product utilizing the FTIS Index.

BLOOMBERG® is a trademark and service mark of Bloomberg Finance L.P. Bloomberg Finance L.P., BISL, and their affiliates (“Bloomberg”) are not affiliated with First Trust or Barclays. Bloomberg’s relationship to First Trust and Barclays is only (1) in the licensing of the FIRST TRUST®, BARCLAYS®, and FIRST TRUST BARCLAYS EDGE INDEX™ trademarks and (2) to act as the administrator and calculation agent of the FTIS Index, which is the property of FTIS. Bloomberg does not guarantee the timeliness, accurateness, or completeness of the FTIS Index or any data or information relating thereto and shall have no liability in connection with the FTIS Index or any data or information relating thereto.

The Products are not issued, sponsored, endorsed, sold, recommended, or promoted by First Trust, Bloomberg, Nasdaq, Value Line, or their respective affiliates (collectively, the “Companies”). The Companies do not make any representation regarding the advisability of investing in the Products or products based on the FTIS Index, Barclays Indices, Nasdaq Index, or Value Line Index, do not make any warranties or bear any liability with respect to such products, and do not make any warranties or bear any liability with respect to the Products, the FTIS Index, or another party’s index.

THE COMPANIES DO NOT GUARANTEE THE ADEQUACY, ACCURACY, TIMELINESS, COMPLETENESS, AND/OR UNINTERRUPTED CALCULATION OF THE PRODUCTS, FTIS INDEX, BARCLAYS INDICES, NASDAQ INDEX, VALUE LINE INDEX, OR ANY DATA INCLUDED THEREIN OR ANY COMMUNICATION WITH RESPECT THERETO, INCLUDING, ORAL, WRITTEN, OR ELECTRONIC COMMUNICATIONS. THE COMPANIES SHALL HAVE NO LIABILITY FOR ANY ERRORS, OMISSIONS, OR INTERRUPTIONS IN THE PRODUCTS, FTIS INDEX, BARCLAYS INDICES, NASDAQ INDEX, OR VALUE LINE INDEX. THE COMPANIES MAKE NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE RESULTS TO BE OBTAINED BY LICENSEES, OWNERS OF THE PRODUCTS OR OF PRODUCTS BASED ON THE FTIS INDEX, BARCLAYS INDICES, NASDAQ INDEX, OR VALUE LINE INDEX, OR BY ANY OTHER PERSON OR ENTITY FROM THE USE OF THE FTIS INDEX, BARCLAYS INDICES, NASDAQ INDEX, OR VALUE LINE INDEX, OR ANY DATA INCLUDED THEREIN.

Neither Barclays Bank PLC (“BB PLC”) nor any of its affiliates (collectively “Barclays”) is the issuer or producer of MassMutual Ascend’s products and Barclays has no responsibilities, obligations or duties to investors in MassMutual Ascend’s products. The Barclays US 2Y Treasury Futures Index, Barclays US 5Y Treasury Futures Index, Barclays US 10Y Treasury Note Index, and Barclays Switch USD Signal Index (collectively, the “Indices”), together with any Barclays indices that are components of the Indices, are trademarks owned by Barclays and, together with any component indices and index data, are licensed for use by FTIS in connection with the First Trust Barclays Edge Index.

Barclays’ only relationship with the MassMutual Ascend in respect of the Indices is the licensing of the Indices to FTIS, which are administered, compiled and published by BB PLC in its role as the index sponsor (the “Index Sponsor”) without regard to MassMutual Ascend’s products or investors in MassMutual Ascend’s products. Additionally, MassMutual Ascend as issuer or producer of MassMutual Ascend’s products may for itself execute transaction(s) with Barclays in or relating to the Indices in connection with MassMutual Ascend’s products. Investors acquire MassMutual Ascend’s products from MassMutual Ascend and investors neither acquire any interest in the Indices nor enter into any relationship of any kind whatsoever with Barclays upon making an investment in MassMutual Ascend’s products. MassMutual Ascend’s products are not sponsored, endorsed, sold or promoted by Barclays and Barclays makes no representation regarding the advisability of MassMutual Ascend’s products or use of the Indices or any data included therein. Barclays shall not be liable in any way to MassMutual Ascend, investors or to other third parties in respect of the use or accuracy of the Indices or any data included therein.

Product issued by MassMutual Ascend Life Insurance Company<sup>SM</sup> (Cincinnati, Ohio), a wholly owned subsidiary of MassMutual, under contract form ICC21-P1152021NW. Form numbers, features and availability may vary by state.

**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.

**For producer use only. Not for use in sales solicitation.**

**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**

