

## American Legend 7

### OVERVIEW

<b>ISSUE AGES</b>	0-85 (qualified); 0-85 (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.
<b>PURCHASE PAYMENTS</b>	<p>This product accepts multiple purchase payments for non-qualified, traditional 403(b), Roth 403(b), traditional IRA, Roth IRA, SEP IRA, SIMPLE IRA, Inherited IRA, Inherited non-qualified, and 457 plan funds. Terms begin only on the 6<sup>th</sup> and 20<sup>th</sup> of each month. Purchase payments received prior to the beginning of a term will be held in the purchase payment account until the beginning of the next term. Additional purchase payments have their own interest crediting terms.</p> <p><b>Minimum:</b> Initial purchase payment: \$10,000; additional purchase payments: \$2,000</p> <p><b>Maximum:</b> \$1 million for ages 0-85 without prior Home Office approval</p> <p>Maximums apply to the total purchase payments made to all annuities from MassMutual Ascend with the same owners or the same annuitants.</p>
<b>OPTIONAL RIDERS</b>	For clients seeking lifetime income payments or an enhanced death benefit, optional riders are available. Refer to the Interest Rate or State Approval Charts for available riders. Please see the Rider Overviews for complete details, including terms and limitations.
<b>EXTENDED CARE WAIVER RIDER</b>	<p>To help ease the strain of certain unforeseen events, an extended care waiver rider is available for no additional charge. If the owner is confined to a nursing home or long-term care facility, then after the first contract year up to 100% of the account value may be withdrawn without incurring an early withdrawal charge or MVA. The confinement must have begun after the contract effective date and must continue for at least 90 consecutive days after the later of the first contract anniversary or the first date of confinement.</p> <p><i>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.</i></p>

## TERMINAL ILLNESS WAIVER RIDER

If the owner is diagnosed with a terminal illness, then after the first contract year up to 100% of the account value may be withdrawn without incurring an early withdrawal charge or MVA. The first diagnosis of terminal illness must be after the contract effective date. A terminal illness is defined as an illness having a prognosis of survival of 12 months or less, or any longer period as required by state law.

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

## INTEREST STRATEGIES

Upon issue, the owner has the following allocation options: a **declared rate strategy and indexed strategies**. At the end of each term, the owner has the opportunity to transfer funds among the available interest strategies. To transfer funds, the owner must submit changes at least one day before the new term begins. Unless the owner transfers funds at the end of a term, funds are automatically applied to the same strategy for the next 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 either one-year or seven-year terms. Clients may reallocate funds among available strategies at the end of each one-year or seven-year term.
- The S&P 500 7-Year Cap Lock Annual Point-To-Point strategy has a seven-year term. The cap is locked in for the entire seven-year term. This strategy may only be selected during the first contract year. At the end of the seven-year term, funds held in the strategy are automatically applied to the S&P 500 1-year strategy, unless clients elect otherwise.
- The First Trust Barclays Edge Index 1-Year Point-To-Point with 7-Year Cap Lock strategy has seven one-year terms. The cap is locked in for all seven 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 seventh one-year term are automatically applied to the First Trust Barclays Edge Index 1-year point-to-point with cap strategy unless clients elect otherwise.
- All other strategies have one-year terms.
- Interest, if any, is credited on the last day of each term year on all indexed strategies.

## INTEREST RATES

**Purchase payment account interest rate:** Interest is credited daily on amounts held in this account based on an applicable interest rate. This interest rate is guaranteed to be at least equal to the guaranteed minimum interest rate set out in the contract.

**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 minimum declared rate set out in the contract.

**Indexed interest rate:** Indexed strategies linked to the S&P 500®(SPX), S&P 500 Risk Control 10% Index (SPXAV10P), S&P U.S. Retiree Spending Index (SPRETIRE), iShares U.S. Real Estate ETF (IYR) and the SPDR® Gold Shares (SPDR) 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
- S&P 500® 7-year cap lock annual point-to-point
- S&P 500 Risk Control 1-year point-to-point with participation rate
- SPDR® Gold Shares 1-year point-to-point with cap
- S&P U.S. Retiree Spending 1-year point-to-point with participation rate
- iShares U.S. Real Estate 1-year point-to-point with cap
- First Trust Barclays Edge Index 1-year point-to-point with cap
- First Trust Barclays Edge Index 1-year point-to-point with 7-year cap lock

**Point-to-point indexed strategy:** The indexed interest rate for a term year is determined by comparing the index value on the last day of that term year to the value on the first day of that term year. The indexed interest rate for that term year 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.*

<b>ACCOUNT VALUE</b>	<b>The account value equals the sum of the following values:</b>  <b>Purchase payment account value:</b> The purchase payment account value equals the purchase payments received, less amounts applied to an interest strategy, less withdrawals and applicable early withdrawal charges, plus interest credited, less any applicable rider fees and charges, and less any applicable premium tax or other applicable tax.  <b>Declared rate strategy value:</b> A declared rate strategy value equals the amount applied to the declared rate strategy, less any amounts withdrawn, including any applicable early withdrawal charges on those amounts, plus interest credited at the declared interest rate, and less any rider fees and charges.  <b>Interest strategy value:</b> An interest strategy value equals the amount applied to that strategy, less withdrawals and applicable early withdrawal charges, plus indexed interest credited, and less applicable rider fees and charges.																		
<b>SURRENDER VALUE</b>	The surrender value equals the greater of the account value (adjusted for any Market Value Adjustment) less any early withdrawal charges, or the guaranteed minimum surrender value.																		
<b>GUARANTEED MINIMUM SURRENDER VALUE (GMSV)</b>	The GMSV equals 87.5% of purchase payments, plus interest credited daily at a minimum guaranteed rate, less withdrawals, not including amounts applied to pay early withdrawal charges or negative MVAs. The GMSV will not be less than the minimum values required by each state.																		
<b>FEES</b>	There are no up-front sales charges or fees.																		
<b>EARLY WITHDRAWAL CHARGE</b>	An early withdrawal charge is applied to surrenders and withdrawals for the first seven contract years.																		
	<table> <thead> <tr> <th><b>CONTRACT YEAR</b></th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> <th>8+</th> </tr> </thead> <tbody> <tr> <td><b>EARLY WITHDRAWAL CHARGE</b></td> <td>9%</td> <td>8%</td> <td>7%</td> <td>6%</td> <td>5%</td> <td>4%</td> <td>3%</td> <td>0%</td> </tr> </tbody> </table>	<b>CONTRACT YEAR</b>	1	2	3	4	5	6	7	8+	<b>EARLY WITHDRAWAL CHARGE</b>	9%	8%	7%	6%	5%	4%	3%	0%
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<b>MARKET VALUE ADJUSTMENT</b>	<p>During the first seven 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.</p> <p>An MVA is an adjustment to the contract values based on how market interest rates have changed since the purchase payment was received. If interest rates 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.</p> <p>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.</p>																		
<b>FREE WITHDRAWAL ALLOWANCE</b>	During the first contract year, 10% of the purchase payments may be withdrawn without an early withdrawal charge. After the first contract year, 10% of the sum of the account value on the most recent contract anniversary, plus any purchase payments received since, may be withdrawn without an early withdrawal charge. The sum of all previous withdrawals during the same contract year will be subtracted to determine the amount available. This free withdrawal allowance is not cumulative, and unused amounts do not carry over to the next contract year.																		

<b>WITHDRAWALS</b>	Withdrawals are allowed any time prior to the annuity commencement date. All withdrawals are subject to IRS regulations and early withdrawal charges. Withdrawals will be taken first from amounts applied to the purchase payment account, then from the interest strategy with the shortest term. If there are multiple interest strategies that meet that criterion, withdrawals will be taken proportionally from all interest strategies with the shortest term. Amounts withdrawn from an interest strategy prior to the end of a term year will not be credited with interest.  Minimum withdrawal: \$500; Minimum account value following withdrawal: \$5,000.
<b>EASY SYSTEMATIC PAYMENT (ESP) PROGRAM (NON-CONTRACTUAL)</b>	Fixed dollar and RMD options are available. Refer to the Terms and Conditions section of the applicable ESP program election agreement form for eligibility requirements. ESP payments reduce the amount available under the free withdrawal allowance. Indexed interest is credited only at the end of a term year. Amounts withdrawn under the ESP program before the end of a term year will not earn any indexed interest.
<b>LOANS</b>	A loan endorsement is available for 403(b) and 457(b) contracts. Loans are subject to terms of the loan application and agreement ( <b>TSAL2798</b> ). Minimum loan amount: \$1,000; Minimum surrender value balance that must remain following a loan: \$500 plus amounts held to secure all outstanding loans on the contract.
<b>PAYOUT OPTIONS</b>	The following options are available following the first contract year: fixed period payout, life payout or life payout with payments for at least a fixed period, and joint and one-half survivor payout.
<b>DEATH BENEFIT</b>	The greater of the account value or GMSV will be paid upon the death of the owner. A spouse who is the surviving joint owner or sole surviving beneficiary may become the successor owner.
<b>STATE VARIATIONS</b>	Refer to State Approval Chart for non-MVA states.  <b>New Jersey:</b> The GMSV equals 90% of purchase payments, plus interest credited daily at a minimum guaranteed rate, less prior withdrawals, net of applicable early withdrawal charges and market value adjustments.

The S&P 500 Risk Control 10% Index refers to the S&P 500 Average Daily Risk Control 10% Price Return Index. For more information, visit [US.SPIIndices.com](http://US.SPIIndices.com) and search keyword SPXAV10P. SPDR Gold Shares refer to units of interest in an exchange traded fund that reflect the market value of gold bullion.

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