

American Freedom Liberty Renewal History

from MassMutual Ascend Life Insurance Company

American Freedom Liberty renewal history

A fixed-indexed annuity offers interest crediting strategies that help protect your savings from loss while providing the opportunity for growth. Strategy rates and caps are set at the start of each term and guaranteed for that term.

Here is a closer look at the renewal history for the American Freedom Liberty 6 for First Quarter 2018-2022 (for non-MVA contracts with purchase payments \$100,000 and over.)

Start of First Term	Fixed Account (Declared Rate Strategy)									Poi	500® 1- n t-to-P ced Stro	oint		SPDR Gold Shares 1-year Point-to-Point (Indexed Strategy)							
	Initial Rate	2018	2019	2020	2021	2022	2023	Initial Cap	2018	2019	2020	2021	2022	2023	Initial Cap	2018	2019	2020	2021	2022	2023
1/6/17	2.25%	2.25%	2.25%	2.25%	2.25%	2.00%	1.00%	5.50%	5.50%	5.15%	5.15%	5.15%	4.65%	2.00%	6.00%	6.00%	5.65%	5.65%	5.65%	5.65%	2.75%
2/6/17	2.25%	2.25%	2.25%	2.25%	2.25%	2.00%	1.00%	5.50%	5.50%	5.15%	5.15%	5.15%	4.65%	2.00%	6.00%	6.00%	5.65%	5.65%	5.65%	5.15%	2.75%
3/6/17	2.30%	2.30%	2.30%	2.30%	2.30%	2.05%	1.00%	5.75%	5.75%	5.40%	5.40%	5.40%	4.90%	2.00%	6.00%	6.00%	5.65%	5.65%	5.65%	5.15%	2.75%
1/6/18	2.50%	N/A	2.50%	2.50%	2.50%	2.50%	2.50%	5.85%	N/A	5.85%	5.85%	5.85%	5.85%	5.85%	6.50%	N/A	6.50%	6.50%	6.50%	6.50%	6.50%
2/6/18	3.00%	N/A	3.00%	3.00%	3.00%	3.00%	3.00%	6.60%	N/A	6.60%	6.60%	6.60%	6.60%	6.10%	7.25%	N/A	7.25%	7.25%	7.25%	7.25%	7.25%
3/6/18	3.00%	N/A	3.00%	3.00%	3.00%	3.00%	3.00%	6.60%	N/A	6.60%	6.60%	6.60%	6.60%	6.10%	7.25%	N/A	7.25%	7.25%	7.25%	7.25%	7.25%
1/6/19	3.25%	N/A	N/A	3.25%	3.25%	3.25%	3.25%	6.15%	N/A	N/A	6.40%	6.40%	6.40%	6.40%	7.25%	N/A	N/A	7.25%	7.25%	7.25%	7.25%
2/6/19	3.25%	N/A	N/A	3.25%	3.25%	3.25%	3.25%	6.15%	N/A	N/A	6.40%	6.40%	6.40%	6.40%	7.25%	N/A	N/A	7.25%	7.25%	7.25%	7.25%
3/6/19	3.10%	N/A	N/A	3.10%	3.10%	3.10%	3.10%	5.90%	N/A	N/A	5.90%	5.90%	5.90%	5.90%	7.25%	N/A	N/A	7.25%	7.25%	7.25%	7.25%

Continued on next page

American Freedom Liberty renewal history (cont.)

Start of First Term	Fixed Account (Declared Rate Strategy)									Poir	500® 1 - n t-to-P ced Stro	oint		SPDR Gold Shares 1-year Point-to-Point (Indexed Strategy)							
	Initial Rate	2018	2019	2020	2021	2022	2023	Initial Cap	2018	2019	2020	2021	2022	2023	Initial Cap	2018	2019	2020	2021	2022	2023
1/6/20	2.40%	N/A	N/A	N/A	2.40%	2.40%	2.40%	5.00%	N/A	N/A	N/A	5.00%	5.00%	5.00%	7.25%	N/A	N/A	N/A	7.25%	7.25%	7.25%
2/6/20	2.40%	N/A	N/A	N/A	2.40%	2.40%	2.40%	5.00%	N/A	N/A	N/A	5.00%	5.00%	5.00%	7.25%	N/A	N/A	N/A	7.25%	7.25%	7.25%
3/6/20	2.20%	N/A	N/A	N/A	2.20%	2.20%	2.20%	4.65%	N/A	N/A	N/A	4.65%	4.65%	4.65%	7.25%	N/A	N/A	N/A	7.25%	7.25%	7.25%
1/6/21	1.95%	N/A	N/A	N/A	N/A	1.95%	1.95%	4.15%	N/A	N/A	N/A	N/A	4.15%	4.15%	7.25%	N/A	N/A	N/A	N/A	7.25%	7.25%
2/6/21	1.95%	N/A	N/A	N/A	N/A	1.95%	1.95%	4.15%	N/A	N/A	N/A	N/A	4.15%	4.15%	7.25%	N/A	N/A	N/A	N/A	7.25%	7.25%
3/6/21	1.95%	N/A	N/A	N/A	N/A	1.95%	1.95%	4.15%	N/A	N/A	N/A	N/A	4.15%	4.15%	7.25%	N/A	N/A	N/A	N/A	7.25%	7.25%
1/6/22	1.95%	N/A	N/A	N/A	N/A	N/A	1.95%	4.15%	N/A	N/A	N/A	N/A	N/A	4.15%	7.25%	N/A	N/A	N/A	N/A	N/A	7.25%
2/6/22	1.95%	N/A	N/A	N/A	N/A	N/A	1.95%	4.15%	N/A	N/A	N/A	N/A	N/A	4.15%	7.25%	N/A	N/A	N/A	N/A	N/A	7.25%
3/6/22	1.95%	N/A	N/A	N/A	N/A	N/A	1.95%	4.15%	N/A	N/A	N/A	N/A	N/A	4.15%	7.25%	N/A	N/A	N/A	N/A	N/A	7.25%

Talk to your financial professional to see if an American Freedom Liberty 5 or 7 fixed-indexed annuity could be right for you.

Charts show the initial declared rates and indexed strategy caps for terms that started in the first quarter and on the 6th of each month in years 2017-2022 (Chart Terms) and the corresponding declared rates and caps when the terms renewed in years 2018-2023. They do not include information about the declared rates and caps for terms that started on the 20th of such months. Although the charts show the caps for each Strategy for each Chart Term, they do not show the indexed interest rate for any strategy for any Chart Term, which may be less than the cap.

Information shown is not a guarantee or representation of future renewal declared rate or cap decisions.

The American Freedom Liberty 6 is no longer available for new sales.

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 CompanySM. 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.

When you buy a fixed-indexed annuity, you own an insurance contract. You are not buying shares of any stock or index. All guarantees are backed by the claims-paying ability of the issuing insurance company. For amounts held under the declared rate strategy, interest is credited daily at the declared rate. For amounts held under an indexed strategy, interest is credited on the last day of a term at the applicable indexed interest rate, which will never be higher than the cap for that strategy for that term. The guaranteed minimum declared rate and guaranteed minimum caps are set out on the contract specifications page. For each indexed strategy, the guaranteed minimum indexed interest rate for a term is 0%.

Product issued under contract form numbers P1127318NW, P1127318ID, P1127318ID-NoMVA, P1127318OR, ICC20-P1144520NW and ICC20-P1474420NW by MassMutual Ascend Life Insurance Company (Cincinnati, Ohio), a wholly owned subsidiary of Massachusetts Mutual Life Insurance Company (MassMutual). Form number and features may vary by state. Products not available in all states.

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

... MassMutual Ascend

© 2023 MassMutual Ascend Life Insurance Company, Cincinnati, OH 45202. All rights reserved. www.MassMutualAscend.com

F1163022NW 4/23