

## Dynamic Valuation and NonForfeiture Interest Rate Calculations

Report through: <b>Oct-23</b>	Current Year Averages Ending: June 2024		Prior Year Averages Ending: June 2023	
Date Prepared: 11/06/23	12 Month: 6.03%	36 Month: 4.90%	12 Month: 5.16%	36 Month: 3.88%

**The rates displayed on this sheet may not apply to contracts that are subject to a principle-based valuation.**

### LIFE INSURANCE CALCULATIONS

Projected 2025 Interest Rates			Val. Break Pt. Rate***		2024 Actual Interest Rates		
Duration	Val*	NFF**	+25 BP's	Keep '24	Duration	Val	NFF**
10 or Less	4.00	5.00	7.81	3.53	10 or Less	3.25	4.00
10+ - 20	3.75	4.75	6.41	3.88	10+ - 20	3.25	4.00
More than 20	3.75	4.75	8.93	3.26	More than 20	3.00	3.75

\*Minimum change from previous year's rate is 50 basis points. \*\*Function of Valuation Rate.

\*\*\*The '+25 BP's' Column reflects the average actual rate over the next 8 Months required to increase the 2025 Projected Rate by an additional 25 basis points and the 'Keep '24' Column reflects the average actual rate over the next 8 Months required to bring the Projected Rate back to the 2024 Actual Rate.

### ANNUITY CALCULATIONS

#### SINGLE PREMIUM IMMEDIATE ANNUITY

2023 Actual Valuation Interest Rate: 4.75%

Projected 2024 Valuation Interest Rate: 5.50%	Low Break Point: 6.09	High Break Point: 6.58
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#### SINGLE PREMIUM or ANNUAL PREMIUM DEFERRED ANNUITY : Issue Year Basis

Duration	Issue Year Basis: 2024 Projected			Cash Settlement	Future Int. Guar.	Type A Break Pt.		Type C Break Pt.	
	A	B	C			Lower	Higher	Lower	Higher
5 or Less	5.50	4.75	4.50			6.09	6.58	5.78	6.54
5+ - 10	5.25	4.75	4.50	Yes	Yes	5.90	6.40	5.78	6.54
10+ - 20	4.25	4.00	3.75			5.46	7.18	3.88	6.41
More than 20	3.75	3.75	3.75			3.88	6.41	5.68	8.93
5 or Less	5.50	5.00	4.75			5.84	6.28	6.08	6.76
5+ - 10	5.50	5.00	4.75	Yes	No	6.09	6.58	6.08	6.76
10+ - 20	4.25	4.00	4.00			4.87	6.50	5.55	7.81
More than 20	4.00	3.75	3.75			5.55	7.81	4.69	7.49
5 or Less	5.50					6.09	6.58		
5+ - 10	5.25	N/A	N/A	No	Yes/No	5.90	6.40	N/A	N/A
10+ - 20	5.00					5.97	6.55		
More than 20	4.25					5.40	6.24		

#### SINGLE PREMIUM or ANNUAL PREMIUM DEFERRED ANNUITY : Change in Fund Basis

Duration	Change in Fund Basis: 2024 Projected			Cash Settlement	Future Int. Guar.	Type A Break Pt.		Type C Break Pt.	
	A	B	C			Lower	Higher	Lower	Higher
5 or Less	6.00	5.50	4.75			6.18	6.58	6.08	6.76
5+ - 10	5.75	5.50	4.75	Yes	Yes	6.02	6.45	6.08	6.76
10+ - 20	5.50	5.25	4.50			6.09	6.58	5.78	6.54
More than 20	4.75	4.75	4.25			5.70	6.34	5.87	6.81
5 or Less	6.00	5.75	4.75			5.96	6.34	5.70	6.34
5+ - 10	6.00	5.75	4.75	Yes	No	6.18	6.58	5.70	6.34
10+ - 20	5.50	5.50	4.75			5.84	6.28	6.08	6.76
More than 20	5.00	5.00	4.25			5.97	6.55	5.40	6.24

### INDIVIDUAL DEFERRED ANNUITY MINIMUM NONFORFEITURE VALUES

Five-Year Constant Maturity Treasury Rates (Based on averages of the published Monthly rates.)

12 Month Average Ending Sep 2023: 3.96%	For the Indicated Periods Ending Oct 2023: 12 Month - 4.01% 3 Month - 4.53% 1 Month - 4.77%
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If one of the above rates is your basis, then the Minimum Nonforfeiture Interest Rate would be:

12 Month Average Ending Sep 2023: 2.70%	For the Indicated Periods Ending Oct 2023: 12 Month - 2.75% 3 Month - 3.00% 1 Month - 3.00%
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