

Dynamic Valuation and NonForfeiture Interest Rate Calculations

Report through: Dec-22	Current Year Averages Ending: June 2023		Prior Year Averages Ending: June 2022	
Date Prepared: 01/09/23	12 Month: 5.12%	36 Month: 3.86%	12 Month: 3.51%	36 Month: 3.27%

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

LIFE INSURANCE CALCULATIONS

Projected 2024 Interest Rates			Val. Break Pt. Rate***		2023 Actual Interest Rates		
Duration	Val*	NFF**	Lower	Higher	Duration	Val	NFF**
10 or Less	3.25	4.00	0.36	7.45	10 or Less	3.25	4.00
10+ - 20	3.25	4.00	0.30	8.23	10+ - 20	3.25	4.00
More than 20	3.00	3.75	-1.30	6.37	More than 20	3.00	3.75

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

***These Columns reflect the average actual rate over the next 6 Months required to cause a 50 basis points change from the 2023 Actual Rate.

ANNUITY CALCULATIONS

SINGLE PREMIUM IMMEDIATE ANNUITY

2022 Actual Valuation Interest Rate: 3.50%

Projected 2023 Valuation Interest Rate: 4.75%	Low Break Point: 4.92	High Break Point: 5.55
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SINGLE PREMIUM or ANNUAL PREMIUM DEFERRED ANNUITY : Issue Year Basis

Duration	Issue Year Basis: 2023 Projected			Cash Settlement	Future Int. Guar.	Type A Break Pt.		Type C Break Pt.	
	A	B	C			Lower	Higher	Lower	Higher
5 or Less	4.75	4.25	4.00			4.92	5.55	4.36	5.37
5+ - 10	4.50	4.25	4.00	Yes	Yes	4.52	5.19	4.36	5.37
10+ - 20	3.50	3.50	3.50			3.36	5.71	4.92	8.23
More than 20	3.50	3.25	3.25			4.92	8.23	2.04	6.37
5 or Less	4.75	4.50	4.25			4.68	5.27	4.94	5.87
5+ - 10	4.75	4.50	4.25	Yes	No	4.92	5.55	4.94	5.87
10+ - 20	3.50	3.50	3.50			3.12	5.29	4.44	7.45
More than 20	3.50	3.25	3.25			4.44	7.45	1.80	5.53
5 or Less	4.75					4.92	5.55		
5+ - 10	4.50	N/A	N/A	No	Yes/No	4.52	5.19	N/A	N/A
10+ - 20	4.50					5.08	5.87		
More than 20	4.00					4.74	5.87		

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

Duration	Change in Fund Basis: 2023 Projected			Cash Settlement	Future Int. Guar.	Type A Break Pt.		Type C Break Pt.	
	A	B	C			Lower	Higher	Lower	Higher
5 or Less	5.00	4.75	4.25			4.80	5.33	4.94	5.87
5+ - 10	5.00	4.75	4.25	Yes	Yes	5.02	5.59	4.94	5.87
10+ - 20	4.75	4.50	4.00			4.92	5.55	4.36	5.37
More than 20	4.25	4.25	3.75			4.60	5.45	3.98	5.23
5 or Less	5.00	5.00	4.25			4.60	5.11	4.60	5.45
5+ - 10	5.00	5.00	4.25	Yes	No	4.80	5.33	4.60	5.45
10+ - 20	4.75	4.75	4.25			4.68	5.27	4.94	5.87
More than 20	4.50	4.50	4.00			5.08	5.87	4.74	5.87

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 2022: 2.30%	For the Indicated Periods Ending Dec 2022: 12 Month - 3.00% 3 Month - 4.00% 1 Month - 3.76%
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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 2022: 1.05%	For the Indicated Periods Ending Dec 2022: 12 Month - 1.75% 3 Month - 2.75% 1 Month - 2.50%
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