

L-42- Valuation Basis (Life Insurance)

Reliance Nippon Life Insurance Company Limited (formerly known as Reliance Life Insurance Company Ltd)

Registration with IRDA : 121 dated 03 January 2002

VALUATION BASIS FOR THE YEAR ENDED 31st DECEMBER, 2019**A Chapter on Valuation basis covering the following minimum criteria.****a. How the policy data needed for valuation is accessed.**

The policy details under Individual and Group policies are maintained in the policy administration system. The details of the policies as at 31st December 2019 were frozen and backed-up after the close of the business.

b. How the valuation basis are supplied to the system

Majority of the policy liabilities under Individual Par and Individual Non Par Business (excluding unit liabilities and accumulation account) are valued using PROPHET actuarial software. Valuation basis are fed to this software using tables. A small proportion of the policy liabilities are valued using the excel spreadsheets. The valuation basis is supplied in the excel template.

1)

Interest Rates	Minimum	Maximum
A. Individual Business		
A.1. Life- Participating policies	6.25%	6.25%
A.2. Pension- Participating Policies	5.70%	5.70%
A.3. Life- Non-participating Policies	5.30%	5.50%
A.4. Pension Non Participating Policies	5.50%	5.50%
A.5. Annuities- Participating policies	NA	NA
A.6. Annuities – Non-participating policies	6.25%	6.25%
A.7. Annuities- Individual Pension Plan	NA	NA
A.8. Unit Linked	5.30%	5.30%
A.9. Health Insurance	4.875%	5.30%
B. Group Business*		
B.1. Non-Linked	5.30%	5.50%
B.2. Linked	5.30%	5.30%

2) Mortality Rates ⁽¹⁾

A. Individual Business (other than Annuity & Health)	27.5% to 486.2% of IALM 2012-14
B. Individual – Annuity	45% of LIC (96-98) Annuitant Table with mortality improvement factor
C. Individual – Non Linked Health/ Linked Health	99.9% /122.1% of IALM 2012-14
D. Group Business*	122.1% to 486.2% of IALM 2012-14

⁽¹⁾ For Aids Reserve, mortality is increased by a fixed percentage wherever applicable. For Non Standard Age proof (NSAP) reserve, different set of assumptions are used.

3) Expenses (Per Policy/Per Member)	Regular Premium	Single Premium/Fully Paid-Up/ Reduced Paid-Up
A. Individual - Non Linked Par	Rs. 605	Rs. 404
B. Individual - Other than Non Linked Par	Fixed expense - Rs.165-677 % of Renewal premium - 0% - 2.2%	Rs. 129 - 451
C. Group	Rs. 0-410	Rs. 0-274

4) **Bonus Rates:**

Policy liabilities under Par Business are valued using bonus rates consistent with the current experience and expected investment yields. Current Reversionary bonus rates vary between 1.8% and 5.5%. Future reversionary bonus rates are consistent with the valuation interest rate.

5) **Policyholders Reasonable Expectations:**

Most of the company's business relates to unit linked and non-par business. Under both these segments the policy benefits are not under the discretion of the company. The expectations of policies under Par Business is allowed through provision of future bonus in line with the current experience.

6) **Taxation and Shareholder Transfers:**

Tax Rate	14.56%
Shareholder Share of Profits:	
(i) Par Business	10%
(ii) Non Par Business	100%

7) **Basis of provisions for Incurred But Not Reported (IBNR):**

For Individual business, IBNR is calculated as higher of

- 1 . Total claims paid during last six months for Non linked business and total of last six months mortality charges collected for Linked business; and
- 2 . Amount calculated using Chain ladder method.

For Group Non-Linked Business, provision for IBNR reserve has been held using Chain Ladder Method and for Group Linked Business total of last six months mortality charges collected.

8) **Change in Valuation Methods or Basis (since March 2019)**

(i) Individual Assurance	
(i.1) Interest	No change
(i.2) Expenses	No change
(i.3) Inflation	No change

(ii) Annuities	
(ii.1) Interest	
(a) Annuity in Payment	No change
(b) Annuity during deferred period	NA
(c) Pension: All Plans	NA
(ii.2) Expenses	No change
(ii.3) Inflation	No change

(iii) Unit Linked	
(iii.1) Interest	No change
(iii.2) Expenses	No change
(iii.3) Inflation	No change

(iv) Health-Linked	
(iv.1) Interest	No change
(iv.2) Expenses	No change
(iv.3) Inflation	No change

(v) Group*	
(v.1) Interest	No change
(v.2) Expenses	No change
(v.3) Inflation	No change

*The assumptions for Group Business, as given above, are used for computing reserve using cash flow method (known as Gross Premium Valuation). The reserve, however, for group business is taken as higher of reserve computed using unearned premium method (UPR) and cash flow method. No assumptions are required for calculating reserves using UPR method.

Effective 1st April 2019, prescribed mortality table has been changed from Indian Assured Life Mortality table 2006-08 (IALM 2006-08) to Indian Assured Life Mortality table 2012-14 (IALM 2012-14) as per the regulatory and actuarial practice standard requirement.