# Public disclosure requirement (September 30, 2016)

#### 1. Data

Policy data is maintained on the following administration systems.

System	Description	
	Individual retail products including some individual	
Life Asia	annuities	
Life Asia	Group bancassurance products	
	Individual annuities	
	Group gratuity Endowment	
	Group Superannuation Endowment	
	Group Leave Encashment Endowment	
	Group term insurance	
Wega Plus	Group gratuity	
vvega rius	Superannuation	
	Employer Deposit Linked Insurance (EDLI)	
	Group Unit Linked Employee Benefit Plan	
	Leave Encashment- LE2	
	Group Variable Insurance products	
	Leave Encashment- LE1	
Maintain in spreadsheet	Group Term Gold	
	Group Unit Linked Superannuation	
Compulsory Annuity Management System (CAMS)	Group annuities	
Renova	Administration, reinsurance premium calculations for	
Reliova	life, group and health products	
Claims Automated Processing	Health and non-par health claims, standalone Cl,	
System (CAPS)	crisis cover	
	Managing death claims and living benefits for	
Cordys system	individual policies and for Health Saving Benefit	
	claims for Health products	

The key considerations from the statutory valuation perspective are to ensure the completeness and accuracy of data.

There are a series of validation checks based on product rules built into the business systems of the four outsourced data centres for retail business. Data is then uploaded into the Life Asia system for policy issue. Besides this, the Actuarial Department carries out its own checks to be reasonably certain that the data is complete and accurate.

### 2. Treatment of valuation parameters

The liability valuation calculations have been carried out using actuarial software called "Prophet". The assumptions for each plan are updated in Prophet. Monthly cash flows are then projected in Prophet to determine the reserves using the specific characteristics of each policy such as age at entry, sum assured, term, etc.

The valuation parameters have been calculated as detailed here:

- Age at entry has been extracted from LifeAsia.
- Valuation age has been calculated by summing age nearer birthday at entry with curtate duration, i.e. the age would change only on policy anniversaries.
- Premium paying term under the plan has been extracted from Life Asia.
- Maturity date has been calculated as the sum of date of commencement and policy term as extracted from LifeAsia.
- Period from valuation date to maturity has been calculated in Prophet as the difference between the maturity date and the valuation date.

# 3. Treatment of future premiums

# 3.1. Incidence of premium income

The premiums are assumed to be received when due.

For linked business, premium income is recognized when the associated units are allocated. Fees on linked policies are recognized when due. For the purpose of projections in the actuarial models, future premiums are assumed to be received when due.

# 3.2. Premiums payable otherwise than annually

As premiums are taken to be received when due, no adjustment is required for non-annual plans.

#### 4. Valuation method - non-linked business

#### 4.1. Methods adopted in the determination of mathematical reserves

The prescribed method of valuation is the gross premium valuation. The reserve held represents the net present value of benefits and expenses less premiums. Following is the broad basis of the valuation:

- The cash flows are projected assuming zero lapses.
- The reserves are calculated on a per policy basis.
- Any negative reserves are zeroised, so that a policy is not treated as an asset.
- The minimum value of reserves is the higher of guaranteed surrender value, non guaranteed surrender value, and zero.

Valuation parameters are set prudently and include a margin for adverse deviation (MAD) in accordance to APS7 issued by the Institute of Actuaries of India.

For linked business, unit liabilities are fully matched. A non-unit reserve is also held which includes provision for the cost of any guarantee.

The following sections contain specific details about reserving for different lines of business, riders, guarantees and other reserves.

# 4.2. Non-participating business

Contract status	Category	Applicability	Method	
	Base plan		Higher of the gross premium valuation (GPV) reserve and surrender value (if applicable) and zero	
	products	Riders – excluding accident benefit riders	_	
In-force		Riders – accident benefit riders	UPR	
	Group product riders Group Group	products and	•	
		Group Term, Group Term Plus and riders	·	
Reduced paid up	Individual products	Base plan	Higher of GPV reserve or surrender value on reduced benefit with no future premiums payable	
Lapse reserve	Individual products	Base plan	Reserve for expenses till the end of the revival period	

Contract status	Category	Applicability	Method
Lapsed/reduced paid up, in respect of those that are expected to revive	Individual products	Reinstatement reserve	Reinstatement rate is applied to the difference between (A) & (B) where,  (A) = the reserve assuming contract is In force and (B) = the outstanding premiums plus the paid-up/lapsed reserve,  Subject to a floor of zero.

#### 4.3. Non-participating Variable Insurance Products

Contract status	Category	Applicability	Method
In-force	Group products	Base plan	Policy Account Reserve is held in addition to General fund reserve.

#### 4.4. Participating business

For the purpose of asset shares on the participating business at the valuation date, we have estimated the book value asset shares in order to be consistent with the reported value of assets.

Supportable future reversionary bonus rates are calculated at a product level. These bonus rates are consistent with the other valuation assumptions, subject to a floor of zero, and with policyholders' reasonable expectations (PRE), and is targeted to exhaust the asset shares at maturity. The prospective reserves based on the supportable bonus rates as calculated above are subject to a floor of the higher of the guaranteed and non-guaranteed surrender values at the valuation date.

The cost of the one off special bonus declared in 2010 is treated as an addition to the reserves calculated above. It is valued prospectively on the valuation basis.

For the group participating business we hold the face value of the policies as the liability. However, we check that this liability would support a prospective gross premium valuation, as required by IRDA (ALSM) Regulations, 2016, Schedule II- A, 2(6).

The additional one off bonus declared in 2010 was added to the liability at March 31, 2010, and is included in the face value. The asset shares are also adjusted to reflect the value of this additional bonus.

#### Conventional participating business (further details)

Further details regarding the valuation of conventional par business are given below:

Contract status	Category	Applicability	Method
In-torce	Individual products	Base plan	Higher of the GPV reserve and surrender value (if applicable) and zero, with allowance for future bonus and associated tax and transfers to shareholders
		Riders – excluding accident benefit riders	Higher of GPV reserve and UPR on a policy basis

Contract status	Category	Applicability	Method	
		Riders – accident benefit riders	UPR	
	Group products – par		Higher of the GPV reserve with allowance for future bonus and associated tax and transfers to shareholders and face value of liability	
Reduced paid up (all)	Individual products	Base plan	Higher of GPV reserve or surrender value on reduced benefit with no future premiums payable	
Lapse reserve (all)	Individual products	Base plan	Reserve for expenses till the end of the maximum revival period	
Lapsed or reduced paid up, in respect of those that are expected to revive	Individual products	Reinstatement reserve	Reinstatement rate is applied to the difference between (A) & (B) where,  (A) = the reserve assuming contract is In force and (B) = the outstanding premiums plus the paid-up/lapsed reserve,	
			Subject to a floor of zero.	

# 4.5. Bonus rates (retail products)

Historical reversionary bonus rates

**Retail Participating Assurance** 

Financial year	Products	Compound reversionary
FY 2014-15	Save 'n' Protect Series I and II	2.50%
FY 2013-14	Cashbak Series I and II	2.25%
FY 2012-13	Smartkid Series I and II	2.25%
FY 2011-12	Save 'n' Protect Mass	2.25%
FY 2010-11		2.50%
FY 2009-10		2.50%
FY 2008-09		2.25%
FY 2007-08		3.00%
FY 2006-07		3.25%
Financial year	Products	Compound reversionary
FY 2014-15	Cook Adventors	5.25%
FY 2013-14	Cash Advantage	5.25%
FY 2014-15	Couring Curakaha I D	3.50%
FY 2013-14	Saving Suraksha LP	3.50%
FY 2014-15	Couring Curakaha DD	2.25%
FY 2013-14	Saving Suraksha RP	2.25%
FY 2014-15	Annal Bashat BD	1.40%
FY 2013-14	Anmol Bachat RP	1.40%
FY 2014-15	Anmal Bashat CD	3.20%
FY 2013-14	Anmol Bachat SP	3.20%

Financial year	Product		Simple
FY 2010-11 till FY2014-15	Whole Life	Premium Payment Term Up to 15 years 16 to 20 years 21 to 25 years 26 years and above	3.50% 3.90% 4.70% 5.10%
	Future Secure	Policy term: up to 15 years 16 years and above	3.60% 4.00%

# **Retail Participating Pension**

Products	Financial Year	Bonus Rates
Forever Life Regular Premium Series	FY 2014-15	3.00%
I and II	FY 2013-14	2.75%
	FY 2012-13	2.75%
Forever Life Single Premium	FY 2011-12	2.75%
	FY 2010-11	3.00%
	FY 2009-10	2.75%
	FY 2008-09	2.50%
	FY 2007-08	3.00%
	FY 2006-07	3.25%

Special bonuses were declared in FY2010 of the following rates:

Financial Year	Retail Participating Life	Retail Participating Pension	
2010-11	1.50%	1.25%	

# Reversionary bonus rates for the current year:

Line of business	Product	Bonus type	Bonus rate
Life	Save 'n' Protect Series I and II	Compound	2.25%
Life	Cashbak Series I and II	Compound	2.25%
Life	Smartkid Series I and II	Compound	2.25%
Life	Save 'n' Protect Mass	Compound	2.25%
Life	Cash Advantage <sup>1</sup>	Compound	5.00%
Life	Savings Suraksha LP <sup>1</sup>	Compound	3.25%
Life	Savings Suraksha RP <sup>1</sup>	Compound	2.00%
Life	Anmol Bachat RP <sup>1</sup>	Compound	1.15%
Life	Anmol Bachat SP	Compound	2.95%
Life	Whole Life	Simple	Premium payment term:

<sup>&</sup>lt;sup>1</sup> The reversionary bonus rates are applicable on the Guaranteed Maturity Benefit and vested reversionary bonus, if any.

Line of business	Product	Bonus type	Bonus rate	
			up to 15 years	3.25%
			16 to 20 years	3.65%
			21 to 25 years	4.45%
			26 years and above	4.85%
			Policy term:	
Life	Future Secure	Simple	up to 15 years	3.35%
			16 years and above	3.75%
Pension	Forever Life Regular Premium Series I and II	Compound	2.75%	
Pension	Forever Life Single Premium	Compound	2.75%	

# Terminal bonus rates for the current year (Par assurance):

Product	UIN	Term (in years)	Terminal Bonus Rate
Save 'n' Protect Series I	105N004V01	10	20%
Save 'n' Protect Series I	105N004V01	11 and above	30%
Save 'n' Protect Series II	105N004V02	10 & 11	20%
Save 'n' Protect Series II	105N004V02	12 and above	25%
Smartkid Series I	105N014V01	14 and above	35%
Smartkid Series II	105N014V02	10	15%
Smartkid Series II	105N014V02	11	20%
Smartkid Series II	105N014V02	12 and above	25%
Cashbak Series I	105N005V01	15 and above	35%

# Terminal bonus rates for the current year (Par pension):

Product	UIN	Term (in years)	Terminal Bonus Rate
Forever Life Regular Premium Series I	105N001V01	14 and above	35%
Forever Life Regular Premium Series II	105N001V02	5 to 9	20%
Forever Life Regular Premium Series II	105N001V02	10 and 11	30%
Forever Life Regular Premium Series II	105N001V02	12 and above	35%
Forever Life Single Premium	105N002V01	14 and above	35%

### Interim bonus rates:

Line of business	Product	Bonus Type	Interim bonus rate
Life	Save' n' Protect Series I and II	Compound	2.25%
Life	Cashbak Series I and II	Compound	2.25%
Life	Smartkid Series I and II	Compound	2.25%
Life	Save' n' Protect Mass	Compound	2.25%
Life	Cash Advantage <sup>2</sup>	Compound	5.00%
Life	Savings Suraksha LP <sup>2</sup>	Compound	3.25%
Life	Savings Suraksha RP <sup>2</sup>	Compound	2.00%
Life	Anmol Bachat RP <sup>2</sup>	Compound	1.15%
Life	Anmol Bachat SP <sup>2</sup>	Compound	2.95%
Life	Whole Life	Simple	Premium payment term:

 $<sup>^{2}</sup>$  The interim bonus rates are applicable on the Guaranteed Maturity Benefit and vested reversionary bonus, if any.

Line of business	Product	Bonus Type	Interim bonus rate		
			up to 15 years	3.25%	
			16 to 20 years	3.65%	
			21 to 25 years	4.45%	
			26 years and above	4.85%	
			Policy term:		
Life	Future Secure	Simple	up to 15 years	3.35%	
			16 years and above	3.75%	
Pension	Forever Life Regular Premium Series I and II	Compound	2.75%		
Pension	Forever Life Single Premium	Compound	2.75%		

Interim Bonus is paid in respect of the following:

- Contracts that have completed their contractual period of guaranteed additions and have received a reversionary bonus and that result in death claim in the period from the date of declaration to the day immediately preceding any subsequent declaration;
- Contracts that will be completing their contractual period of guaranteed additions and that result in death claim in the period from the date of declaration to the day immediately preceding any subsequent declaration.

### 4.6. Bonus rates (group products)

Bonus rates declared in the previous financial years:

Financial	Bonus rate for group par	Bonus rate for group par
year	assurance products	pension products
FY 2014-15	7.50%	8.50%
FY 2013-14	8.50%	8.50%
FY 2012-13	9.00%	9.00%
FY 2011-12	9.10%	9.10%
FY 2010-11	9.85%	9.85%
FY 2009-10	7.50%+3.50%	8.50%+2.50%

Bonus rates for the current financial year:

Product	Bonus rate
Group Gratuity Suraksha	7.50%
Group Leave Encashment Suraksha	7.50%
Group Superannuation Suraksha	8.50%

In case of group par products, interim bonus has been recommended on contracts that result in death claims and on withdrawals, in the period, from the date of the bonus declaration to the day immediately preceding any subsequent declaration.

Product	Interim bonus rate
Group Gratuity Suraksha	7.00%
Group Leave Encashment Suraksha	7.00%
Group Superannuation Suraksha	8.00%

### 4.7. Policyholders' reasonable expectations (PRE) (retail products)

Due consideration is given to the reasonable expectations of policyholders when making a distribution of surplus. "Reasonable" is not explicitly defined in the regulations and is left to the interpretation of the Appointed Actuary. Our interpretation of "Reasonable" refers to a well-informed, financially literate policyholder.

PRE can be formed with respect to many areas including the following:

- Nature of bonus
- Reversionary (added each year) vs. terminal (added only on claim)
- Type of reversionary bonus
- Simple vs. compound vs. super compound
- Level of bonus

#### • Level of guarantees implicit in the declaration

The main drivers of PRE are currently our point of sale material, the bonus rates declared last year and past communication with policyholders. We interpret our point of sale material as having created the expectation that bonuses would be compound reversionary for all products except for the products "Wholelife" and "Future Secure" for which it would be simple reversionary.

PRE ultimately needs to be set to the principle that each customer should receive a fair return on the premiums he has paid, allowing for the insurance protection and guarantees provided over the duration of his policy. The basic reference point for this, and therefore PRE, will be the asset share under the policy.

Policyholders enjoy the benefits and protection of both guarantees and smoothing for which they may be charged appropriately. However, the Company will not seek to make any systematic profit through these charges over generations of policies.

PRE will be shaped and actively managed through appropriate communication to the policyholder. The tools that will be used for this purpose are Sales Brochures, Policy Illustrations and annual communications of bonus rates.

Early duration surrender benefits will be established at a level that enables the Company to recover the cost of acquisition and capital support provided subject to the minimum surrender values written into the contracts.

### 4.8. Policyholder reasonable expectations (PRE) (group products)

This being a relatively new line of business we interpret the main drivers of PRE currently as our point of sale material.

PRE ultimately needs to be set to the principle that each customer should receive at least a fair return on the premiums he has paid, allowing for the insurance protection and guarantees provided over the duration of his policy. The basic reference point for this, and therefore PRE, will be the asset share under the policy.

#### 4.9. Tax Rate

Tax is provided on surplus emerging under participating products. For the current valuation, we have assumed that the participating pension business is tax exempt. However, our interpretation of PRE would be that future bonuses would in any case reflect the taxes charged to the fund. As a result, the reserves would not be changed even if taxes came to be charged.

# 5. Valuation method - linked business

# 5.1. Methods adopted in the determination of mathematical reserves

For linked business, unit liabilities are fully matched. A non-unit reserve is also held which includes provision for the cost of any guarantee. Further details are given here:

Contract status	Category	Applicability	Method
	Unit reserves	Unit fund	The unit reserve is number of units held by the policyholder multiplied by the NAV at the valuation date.
In-force premium paying/ premium holiday	Non-unit reserves- except for group linked	Life cover and adequacy of charges to cover expenses	For base policy and associated mortality benefit we take the higher of the unearned risk benefit charges and all the projected cash flows. We allow for zeroisation under all contracts at a policy level, so that credit is taken for future positive cash flows only to the extent that they offset subsequent negative cash flows.
		Unit fund	Paid up/surrender value to the credit of the policyholders
	Unit reserves	Reinstatement reserve	A reinstatement rate is applied to the difference between the full unit value and the paid up/surrender value. We adjust this reserve for death benefits payable prior to revival or foreclosure. The balance of the unit fund forms the linked FFA. (This does not apply to ULIPs sold since September 2010.)  Full values of units of Premier Life and Elite
Lapsed	Non-unit reserves	Adequacy of charges to cover expenses during the maximum revival period.	Pension are held as reserve.  Projected cash flows as for in force contracts allowing for zeroisation.  The cash flows do not include cost of insurance charges and claims out go.
		Reinstatement reserve	For pre-September 2010 policies Reinstatement rate is applied to the difference between the reserve assuming contract is in force and the charges on outstanding premiums and non-unit reserve  For post-September 2010 policies the reinstatement reserve is calculated by allowing for refund of surrender penalty, levy of back charges, release of lapsed non-unit reserve and setting up of in-force non unit reserve, all multiplied by probability of revival, subject to a floor of zero.
Additional reserves	Cost of guarantee	Linked Plans with capital guarantee	For guarantees on products other than Pinnacle, the gross cost of guarantee is computed based on principles of market consistency. The fund

Contract	Category	Applicability	Method
status		(other than Return Guarantee Funds)	values are projected using risk neutral asset return scenarios and the payout on account of the guarantee is calculated for each simulation. The present value of the payouts for each simulation is calculated by discounting using the forward rates of that simulation. The average of the present value of payouts from the simulations is the gross cost of the guarantee.
			For Pinnacle there is no requirement for additional reserves on account of guarantee as the guarantee will be managed by following a Constant Proportion Portfolio Insurance strategy on the assets. The strategy dynamically allocates the investments between risky assets (equity) and risk free assets (debt), based on the performance of risky assets and yields available on risk free assets.
			The RGF are closed ended tranches of funds that are intended to provide customers a return over a specified period, subject to a guarantee.
			The investments in this fund are in fixed income (debt) instruments. The expected returns achievable on the fund will be known at the outset.
Additional reserves	Cost of guarantee	Return Guarantee Funds (RGF)	The quantum of the guarantee would depend upon our assessment of the risk adjusted yield of the portfolio, allowing in particular for any credit or reinvestment risk. Reserving for guarantee on these funds is done by deterministic modelling.
			The non unit reserve is on a prospective gross premium basis and is the present value of all future outgo less future income of the non unit fund calculated on a prudent basis, including the additional estimated cashflow associated with the guarantee.
Group linked	Non-unit reserves		No reserves are held on account of expenses as charges are currently higher than expenses and expected to remain so. In case of mortality benefits Unexpired risk premium is held as non unit reserve.

# 6. Valuation assumptions

#### 6.1. Interest Rate

The valuation interest rates for the various lines of business along with the details of the previous valuation are set out below:

	March	September
Valuation interest rate (%)	2016	2016
Par life in-force	5.11	5.11
Par life paid up	5.46	5.46
Par group life	5.52	5.52
Par pension in-force	5.10	5.10
Par pension paid up	5.34	5.34
Par group pension	5.26	5.26
Annuity	5.52	5.52
Non-par protection	5.40	5.40
Non-par health	5.12	5.12
Non-par group	5.11	5.11
Non-par investment (other than GSIP and ASIP)	5.53	5.53
GSIP	5.09	5.09
ASIP	5.52	5.52
Health	5.47	5.47
Non-unit life, pension and health	4.92	4.92

#### 6.2. Inflation

#### **Expense inflation**

The inflation assumption is 5.18% at September 30, 2016. There is no change in inflation assumption from March 31, 2016.

### **Medical inflation**

The medical inflation assumption is 20.18% at September 30, 2016. This is calculated as assumption for expense inflation + 15%. There is no change in medical inflation assumption from March 31, 2016,

# 6.3. Mortality and morbidity rates for each product

The mortality assumptions are based on the Standard Mortality Table, IALM 06 -08.

Plan		at March 31, 2016 (best nate + MAD)	Valuation basis at September 30, 2016 (best estimate + MAD)		
Dorticinating		rated up by 1 year for	% of IALM 06-08 rated up by 1 year for		
Participating Business	males and rated	down 1 year for females	males and rated down 1 year for females		
(Assurance					
and	Premium<=18		Premium<=18k Premium >18k		
Pension)	125%	90%	125% 90%		
Non	85% of IALM 06-	08 rated by 1 year for	85% of IALM 06-08 rated by 1 year for		
Participating Investment	males and rated	down 1 year for females	males and rated down 1 year for females		
Linked Business	males and rated based on age an underwritten or r	(Jet cases)	% of IALM 06-08 rated up by 1 year for males and rated down 1 year for females based on age and whether medically underwritten or not  For non-medical (Jet cases)		
(Assurance	Age Premiu	Promitim >7/lkl	Age Premium <=24k Premium >24k		
and Pension Products -		190% 170%	<=30 190% 170%		
SmartKid)	>30	150% 100%	>30   150%   100%		
Smartkid)	Age Premii <=24	4k Premium >24k	For medically underwritten business  Age Premium   Premium > 24k		
	>30	125% 85%	>30   125%   85%		

Plan	Valuation	basis at Marc estimate + I	h 31, 2016 (best MAD)	Valuati	Valuation basis at September 30, 2016 (best estimate + MAD)		
	% of IALN		p by 1 year for	% of IALN	·	up by 1 year fo	r
	males and rated down 1 year for females				males and rated down 1 year for females		
		age and wheth	•		based on age and whether medically		
	underwritt	-	,		ten or not	,	
		efore Septem			Products before September 2010:		
		edical (Jet cas			nedical (Jet ca		
	Age	Premium	Premium	Age	Premium	Premium	
		<=24k	>24k		<=24k	>24k	
	<=30	100%	85%	<=30	100%	85%	
	<=45	95%	85%	<=45	95%	85%	
	>45	90%	70%	>45	90%	70%	
	For medic	ally underwritt	en husiness	For medic	cally underwrit	tten husiness	
Linked	Age	Premium	Premium	Age	Premium	Premium	
Business	/ (90	<=24k	>24k	, , g =	<=24k	>24k	
(Assurance	<=30	85%	75%	<=30	85%		
and Pension	<=45	80%	75%	<=45	80%		
Products -	>45	80%	60%	>45	80%		
other than					ı		
SmartKid)	Products a	ıfter Septembe	er 2010:	Products	Products after September 2010:		
	For non-m	edical (Jet cas	ses)	For non-n	For non-medical (Jet cases)		
	Age	Premium	Premium	Age	Premium	Premium	
		<=24k	>24k		<=24k	>24k	
	<=30	105%	100%	<=30	105%	100%	
	<=45	105%	70%	<=45	105%	70%	
	>45	85%	60%	>45	85%	60%	
	For medic	ally underwritt	en business	For medic	For medically underwritten business		
	Age	Premium	Premium	Age	Premium	Premium	
		<=24k	>24k		<=24k	>24k	
	<=30	90%	85%	<=30	90%	85%	
	<=45	90%	60%	<=45	90%	60%	
	>45	75%	55%	>45	75%	55%	

Plan		estimate + M	31, 2016 (best AD)	Valuation basis at September 30, 2016 (best estimate + MAD)				
	males and r	e and whether	ear for females	% of IALM 06-08 rated up by 1 year for males and rated down 1 year for females based on age and whether medically underwritten or not				
	For non-me	dical (Jet cases	s)	For non-m	edical (Jet case	et cases)		
Linked	Age	Premium	Premium	Age	Premium	Premium		
Business		<=24k	>24k		<=24k	>24k		
(Health	<=30	80%	65%	<=30	80%	65%		
Products –	<=45	75%	65%	<=45	75%	65%		
Health	>45	70%	50%	>45	70%	50%		
Saver)	For medical	ly underwritter	n business	For medical	ally underwritte	n business		
	Age	Premium	Premium	Age	Premium	Premium		
		<=24k	>24k		<=24k	>24k		
	<=30	65%	55%	<=30	65%	55%		
	<=45	60%	55%	<=45	60%	55%		
	>45	60%	40%	>45	60%	40%		
		re, Home Prote n Protect Plus	-	Home Assure, Home Protect, Loan Protect, Loan Protect Plus, Credit Assure and Group Loan Secure:				
Term Products - Mortgage		06-08 rated up ated down by	•		l 06-08 rated up rated down by			
	Sum	Sum	Sum	Sum	Sum	Sum		
	Assured	Assured	Assured	Assured		Assured		
	<= 10Lac	10Lac to 25Lac	>25Lac	<= 10La	nc 10Lac to 25Lac	>25Lac		
	85%	75%	65%	85		65%		
Term Products – Offline Non	Pure Protect and Life Guard: % of IALM 06-08 rated up by 1 year for males and rated down by 1 year for females			% of IALM	ect and Life Gua 06-08 rated up rated down by	by 1 year for		
Mortgage	Sum	Sum	Sum	Sum	Sum	Sum		
	Assured	Assured	Assured	Assured		Assured		
	<= 10Lac	10Lac to 25Lac	>25Lac	<= 10La	nc 10Lac to 25Lac	>25Lac		
	115%		65%	115		65%		

Plan	Valuation basis at March 31, 2016 (best estimate + MAD)					Valuation basis at September 30, 2016 (best estimate + MAD)						
	I Care, I Pro	otect and I	Protect	t Sn	nart:		I Care, I Protect and I Protect Smart:					
	% of IALM 06-08 rated up by 1 year for males and rated down 1 year for females whether medically underwritten on not.  For non-medical (Jet cases)  Sum  Sum  Sum						% of IALM 06-08 rated up by 1 year for males and rated down 1 year for females whether medically underwritten on not.  For non-medical (Jet cases)  Sum  Sum  Sum					
Term	Assured <= 25La	l Assu c 25La	ssured As		Assured >50Lac		Assured	d Ass	Assured		Assured >50Lac	
Products – Online Non Mortgage	85	%	85%		80%		85	%	85%		80%	
	For medica	Sum Assured <= 25Lac	vritten k Sum Assure 10Lae to 50Lae	n ed c	Sum Assured >50Lac	1	For medica	Sum Assured <= 25Lac	written Su Assu 10L to 50L	m ired ac	Sum Assured >50Lac	
	Non Smoker	85%		5%	45%		Non Smoker	85%		55%	45%	
	Smoker	85%	85	5%	65%		Smoker	85%	8	35%	65%	
Life Raksha	120% of IA for males a females ha	ind rated d	lown by		•		120% of IALM 06-08 rated up by 1 year for males and rated down by 1 year for females has been used.					
Rural products	Mitr, Sarv & Bachat: 200% of IA		sha and	An	mol		Mitr, Sarv Jan Suraksha, Sarv Jan Suraksha (Rev.) and Anmol Bachat: 200% of IALM 06-08					
Non Linked Health Products – With Death Benefit	% of IALM 06-08 rated up by 1 year for males, rated down by 1 year for females:  Crisis Cover and Health Assure Plus:  Age <=30 Age >30  155% 115%		% of IALM 06-08 rated up by 1 year fo males, rated down by 1 year for females:  Crisis Cover and Health Assure Plus:  Age <=30   Age >30   155%   115%			r females: Plus: 115%						
Non Linked Health Products – Without Death Benefit	% of IALM 06-08 rated up by 1 year for males, rated down by 1 year for females:  Health Assure, Cancer Care, Cancer Care Plus, Hospital Care I, Hospital Care II, MediAssure and Diabetes Care Active:				males, rated down by 1 year for females:  Health Assure, Cancer Care, Cancer Care Plus, Hospital Care I, Hospital Care II, MediAssure and Diabetes Care Active:				r females:  Cancer Care tal Care II,			
	Age <=3		55%				Age <=3	0 Age :	55%			

Plan		sis at March stimate + M	31, 2016 (best AD)	Valuation basis at September 30, 2016 (best estimate + MAD)			
	% of LIC 96-98 4 years for fer	-	rated down by	% of LIC 96-98 for males, rated down by 4 years for females:			
	Age < 40	Age <= 60	Age> 60	Age < 40	Age <= 6	0 Age> 60	
	25%	40%	65%	25%	40%	% 65%	
	The mortality	improveme	nt is set as:	The mortality	improveme	ent is set as:	
Annuity	Age at April		ate	Age at April 1, 2008 Rate			
,	< 35		0%	< 35		50%	
	< 55		0%	< 55		50%	
	< 65		0%	< 65		00%	
	>= 65	1./	5%	>= 65	1.	75%	
	be applied base FY2008 and w	sed on annu ould include	nt factor would itant's age in e improvements be fixed for life.	The mortality improvement factor would be applied based on annuitant's age in FY2008 and would include improvements since FY2008 and would be fixed for life.			
Group Term	Unearned pre	mium basis		Unearned premium basis			
ADD and AD Riders	Unearned pre	mium basis		Unearned premium basis			
Income benefit rider			p by 1 year for ear for females:	% of IALM 06-08 rated up by 1 year for males, rated down by 1 year for females:			
and Level term rider	Age <=30 155%	Age >30	5%	Age <=30     Age >30       155%     115%			
Waiver of premium			p by 1 year for ear for females:			up by 1 year for rear for females:	
rider	Age <=30 135%	Age >30 95%	b	Age <=30 135%	Age >30 95°	%	
Death			p by 1 year for ear for females:			up by 1 year for rear for females:	
Benefit	Age	e <=30	Age >30	Ag	e <=30	Age >30	
Rider	Male	462%	324.5%	Male	462%	324.5%	
	Female	495%	346.5%	Female	495%	346.5%	
Major Surgical Benefit Rider and			p by 1 year for ear for females:			up by 1 year for rear for females:	
Critical Illness Rider	Age <=30 90%	Age >30 65%		Age <=30 90%	Age >30 65%		

Plan	Valuation bas		-	Valuation basis at September 30, 2016			
	es	timate + MA	D)	(best estimate + MAD)			
Diabetes rider	,			males, rated down by 1 year for females:			
(modified)	Age <=30	Age >30		Age <=30	Age >30		
	105%	65%		105%	65%		

The mortality and morbidity assumptions for health products are given below:

		Valuation basis at March	Valuation basis at June		
Plan	Product	31, 2016 (best estimate + MAD)	30, 2016 (best estimate + MAD)		
Non Linked	Crisis Cover	130% of reinsurance	130% of reinsurance		
Health	CH3I3 COVCI	premium rates	premium rates		
Products – With Death	Health Assure	115% of reinsurance	115% of reinsurance		
Benefit	Plus	premium rates	premium rates		
	Health Assure				
	Cancer Care	115% of reinsurance	115% of reinsurance		
	Cancer Care	premium rates	premium rates		
Non Linked	Plus				
Health	Heapital Care I	160% of reinsurance	160% of reinsurance		
Products – Without	Hospital Care I	premium rates	premium rates		
Death	Hospital Care	230% of reinsurance	230% of reinsurance		
Benefit	II	premium rates	premium rates		
	MediAssure	120% of reinsurance	120% of reinsurance		
		premium rates	premium rates		
	Diabetes Care Active	130% of pricing basis	130% of pricing basis		
Linked	Health Saver	130% of reinsurance	130% of reinsurance		
Business		premium rates	premium rates		
	Loan Protect Plus	95% of CIBT 93	95% of CIBT 93		
Term Products	I Protect Smart	170% of reinsurance risk rates	170% of reinsurance risk rates		
	Group Loan Secure	N/A	170% of reinsurance risk rates		
	Waiver of Premium Benefits Rider (Disability and CI)	130% of reinsurance risk rates	130% of reinsurance risk rates		
Riders	Death Benefit Rider	130% of pricing basis	130% of pricing basis		
	Diabetes rider (modified)	130% of pricing basis	130% of pricing basis		
	Major Surgical Benefit rider	155% of reinsurance premium rates	155% of reinsurance premium rates		

Plan	Product	Valuation basis at March 31, 2016 (best estimate + MAD)				Valuation basis at June 30, 2016 (best estimate + MAD)			
	Critical Illness	Based or Age 18-20 21-25 26-30		•		Based or Age 18-20 21-25 26-30		•	
	Rider (Accelerated and	31-35 36-40	175% 155%	171% 171%		31-35 36-40	175% 155%	171% 171%	
	Standalone)	41-45 46-50 51-55	157% 161% 144%	171% 166% 153%		41-45 46-50 51-55	157% 161% 144%	171% 166% 153%	
		56-60 61-65	120% 109%	140% 137%		56-60 61-65	120% 109%	140% 137%	

# 6.4. IBNR

Late reported claims are analysed periodically and are allowed in the experience analysis for setting the valuation bases. However for one year renewable Group Term policies we hold an IBNR of 4 months of premium.

# 6.5. Expense Assumptions

Type of expense (₹)	Valuation basis at March 31, 2016	Valuation basis at September 30, 2016
Renewal expense per policy		
All conventional and unit linked (includes in-force premium paying, paid up policies, lapsed/premium discontinuance state within revival period policies) except  1. Annuity  2. Riders  3. Rural	525	525
4. Life Raksha		-
Annuity	390	390
Riders	0	0
Rural (Mitr, Sarv Jan Suraksha, Sarv Jan Suraksha (Rev.), Anmol Bachat) and Life Raksha	45	45
Renewal expense per premium		
All conventional and unit linked in force, paid up and lapsed policies (% of annual premium) except 1. MRTA 2. Credit Assure 3. Old Conventional SP Bond 4. Retail Immediate Annuity 5. Group Business 6. Riders 7. Rural	1.65%	1.65%
Post-September unit linked single premium product  Post-September unit linked regular premium contracts ( for in force policies throughout the term and for premium discontinuance state policies in the first two years in this state)	0.83%	0.83%
Claim expenses per policy (₹)		
Cancer Care Cancer Care Plus Crisis Cover Diabetes Care Active Heath Assure Heath Assure Plus	7,795	7,795
I Protect I Protect Smart Loan Protect Loan Protect Plus I Care	12,470	12,470

Type of expense (₹)	Valuation basis at March 31, 2016	Valuation basis at September 30, 2016	
I Care II			
Hospital Care			
Health Saver	165	165	
MediAssure	105	165	
Disability claims			
Life Raksha	265	265	
Screening expense per policy (₹)			
Diabetes Care Active	2 200	2 200	
Cancer Care Plus	3,280	3,280	
COA (premium frequency dependent) U	nit Linked and Conventiona	al	
Tied agencies	0%	0%	
Others	0 78	0 %	