## Public disclosure requirement (December 31, 2015)

#### 1. Data

Policy data is maintained on the following administration systems.

System	Data		
Life Asia	Individual retail products including individual annuities		
Life Asia	Group bancassurance products		
	Group gratuity		
WEGA and WEGA Plus	Group term insurance		
WEGA and WEGA Flus	Superannuation		
	Employer Deposit Linked Insurance (EDLI)		
Leave Encashment	Leave Encashment		
Spreadsheet	Linked liability details taken from MFund		
Wega X	Group Unit Linked Superannuation		
	Group Unit Linked Employee Benefit Plan		
	Group Term Gold		
Compulsory Annuity	Group annuities		
Management System			
(CAMS)			
Renova	Administration, reinsurance premium calculations for life,		
	group and health products		
Claims Automated	Health and non-par health claims, standalone CI, crisis		
Processing System (CAPS)	cover		
Cordys system	Managing death claims and living benefits for individua		
	policies (not health claims)		

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
	Individual	Base plan	Higher of the gross premium valuation (GPV) reserve and surrender value (if applicable) and zero
	Individual products	Riders – excluding accident benefit riders	•
In-force		Riders – accident benefit riders	UPR
	Group products – non-par	All group risk products and riders	
		Group Term, Group Term Plus and riders	Unearned premium plus an IBNR reserve of 1/3rd of the annual premium
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. 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-quaranteed 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, 2000, 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-force	Individual	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
III-IOICE	products	Riders – excluding accident benefit riders	Higher of GPV reserve and UPR on a policy basis
		Riders – accident benefit riders	UPR

Contract status	Category	Applicability	Method
	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.

# 4.4. Bonus rates (retail products)

Details of bonuses declared in the previous financial years for products launched before FY2011 are given below:

Financial year	Par assurance (bonus type – compound reversionary)	Par pension (bonus type – compound reversionary)
FY 2013-14	2.25%	2.75%
FY 2012-13	2.25%	2.75%
FY 2011-12	2.25%	2.75%
FY 2010-11	2.50%	3.00%
FY 2009-10	2.5+1.5%	2.75+1.25%
FY 2008-09	2.25%	2.50%
FY 2007-08	3.00%	3.00%
FY 2006-07	3.25%	3.25%

For products launched in FY2011 the bonuses declared in the previous financial years are given below:

Financial year	Line of business (LoB)	Product	Bonus type	Bonus rate	
FY 2013- 14	Par assurance	Whole Life	Simple	Premium payment term: up to 15 years 3.50% 16 to 20 years 3.90% 21 to 25 years 4.70% 26 years and above 5.10%	) )
		Future Secure	Simple	Policy term:	

Financial year	Line of business (LoB)	Product	Bonus type	Bonus rate	
				up to 15 years	3.60%
				16 years and above	4.00%
				Premium payment term:	
		Whole Life	Simple	up to 15 years	3.50%
		VVIIOIE LIIE	Simple	16 to 20 years	3.90%
FY 2012-	Par			21 to 25 years	4.70%
13	assurance			26 years and above	5.10%
				Policy term:	
		Future Secure	Simple	up to 15 years	3.60%
				16 years and above	4.00%
		Whole Life	Simple	Premium payment term:	
				up to 15 years	3.50%
F)/ 0044				16 to 20 years	3.90%
FY 2011- 12	Par			21 to 25 years	4.70%
12	assurance			26 years and above	5.10%
		Future Secure	Simple	Policy term:	
				up to 15 years	3.60%
				16 years and above	4.00%
				Premium payment	
				term:	
FY 2010-		Whole Life	Simple	up to 15 years	3.50%
	_	VVIIOIO EIIO	Cimpio	16 to 20 years	3.90%
	Par			21 to 25 years	4.70%
11	assurance			26 years and above	5.10%
				Policy term:	2 600/
		Future Secure	Simple	up to 15 years 16 years and above	3.60% 4.00%

Reversionary bonus rates for the current year:

LoB	Product	Bonus type	Bonus rate
Life	Save 'n' Protect Series I and II	Compound	2.5%
Life	Cashbak Series I and II	Compound	2.5%
Life	Smartkid Series I and II	Compound	2.5%
Life	Save 'n' Protect Mass	Compound	2.5%
Life	Cash Advantage <sup>1</sup>	Compound	5.25%
Life	Savings Suraksha LP <sup>1</sup>	Compound	3.50%

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

LoB	Product	Bonus type	Bonus rate	
Life	Savings Suraksha RP1	Compound	2.25%	
Life	Anmol Bachat RP <sup>1</sup>	Compound	1.40%	
Life	Whole Life	Simple	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%
Life	Future Secure	Simple	Policy term: up to 15 years 16 years and above	3.60% 4.00%
Pension	Forever Life Regular Premium Series I and II	Compound	3.00%	
Pension	Forever Life Single Premium	Compound	3.00%	

# Terminal bonus rates for the current year:

Product	UIN	Term (in years)	Terminal Bonus Rate
Save 'n' Protect Series I	105N004V01	10	30%
Save 'n' Protect Series I	105N004V01	11 and above	40%
Save 'n' Protect Series II	105N004V02	8 to 10	25%
Save 'n' Protect Series II	105N004V02	11 and above	25%
Smartkid Series I	105N014V01	13 and above	35%
Smartkid Series II	105N014V02	10	20%
Smartkid Series II	105N014V02	11 and above	25%
Cashback Series-I	105N005V01	15 and above	35%
Forever Life Regular Premium Series-I	105N001V01	13 and above	35%
Forever Life Regular Premium Series-II	105N001V02	5 to 9	20%
Forever Life Regular Premium Series-II	105N001V02	10 and above	35%
Forever Life Single Premium	105N002V01	13 and above	40%

# Interim bonus rates:

LoB	Product	Bonus Type	Interim bonus rate
Life	Save' n' Protect Series I and II	Compound	2.50%
Life	Cashbak Series I and II	Compound	2.50%

LoB	Product	Bonus Type	Interim bonus rate	
Life	Smartkid Series I and II	Compound	2.50%	
Life	Save' n' Protect Mass	Compound	2.50%	
Life	Cash Advantage <sup>2</sup>	Compound	5.25%	
Life	Savings Suraksha LP <sup>2</sup>	Compound	3.50%	
Life	Savings Suraksha RP <sup>2</sup>	Compound	2.25%	
Life	Anmol Bachat RP <sup>2</sup>	Compound	1.40%	
Life	Anmol Bachat SP <sup>2</sup>	Compound	3.20%	
Life	Whole Life	Simple	Premium payment term:  up to 15 years 3.50%  16 to 20 years 3.90%  21 to 25 years 4.70%  26 years and above 5.10%	
Life	Future Secure	Simple	Policy term: up to 15 years 3.60% 16 years and above 4.00%	
Pension	Forever Life Regular Premium Series I and II	Compound	3.00%	
Pension	Forever Life Single Premium	Compound	3.00%	

Interim Bonus is paid in respect of the following contracts:

- 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.

# 4.5. Bonus rates (group products)

Bonus rates declared in the previous financial years:

Financial year	Bonus rate for group par assurance products	Bonus rate for group par pension products
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:

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<sup>&</sup>lt;sup>2</sup> The interim bonus rates are applicable on the Guaranteed Maturity Benefit and vested reversionary bonus, if any.

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%

#### 4.6. 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.

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

This being a relatively new LoB 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.

#### 4.8. 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, rider benefits 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. For riders, where charges are taken by a deduction of units a UPR, in other cases higher of UPR or GPV is held as reserve.
		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 Pension are held as reserve.
Lapsed	Non-unit reserves	Adequacy of charges to cover expenses during the maximum revival period.	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
Additional	Cost of	Linked Plans	multiplied by probability of revival, subject to a floor of zero.  For guarantees on products other than Pinnacle,

Contract status	Category	Applicability	Method
reserves	guarantee	with capital guarantee (other than Return Guarantee Funds)	the gross cost of guarantee is computed based on principles of market consistency. The fund 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.
Additional reserves	Cost of guarantee	Return Guarantee Funds (RGF)	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. 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 LoBs along with the details of the previous valuation are set out below:

LoB	At March 31, 2015	At December 31, 2015
Par life in-force	5.07%	5.07%
Par life paid up	5.27%	5.27%
Par group life	5.37%	5.37%
Par pension in-force	5.08%	5.08%
Par pension paid up	5.24%	5.24%
Par group pension	5.15%	5.15%
Annuity	5.39%	5.39%
Non par protection	5.36%	5.36%
Non par health	5.27%	5.27%
Non par group	5.20%	5.20%
Non par investment (other than GSIP & ASIP)	5.33%	5.33%
GSIP	5.05%	5.05%
ASIP	4.47%	4.47%
Health	5.29%	5.29%
Non-unit life, pension and health	5.03%	5.03%

#### 6.2. Inflation

# **Expense inflation**

The inflation assumption is 4.49% at December 31, 2015. There is no change in inflation assumption from March 31, 2015.

# **Medical inflation**

The medical inflation assumption is 19.49% at December 31, 2015. This is calculated as assumption for expense inflation + 15%. There is no change in inflation assumption from March 31, 2015.

# 6.3. Mortality and morbidity rates for each product

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

Plan	Valuation basis at March 31, 2015	Valuation basis at December 31, 2015

Valuation basis at March 31, 2015			Valuation basis at December 31, 2015			
% of IALM 06-08 rated up by 1 year for males and rated down 1 year for females			% of IALM 06-08 rated up by 1 year for males and rated down 1 year for females			
nium<=18k	Premium :	>18k	Premiu	ım<=18k	Premium >18k	
)	90%		125%		90%	
	<u> </u>					
oe loee than or	unal to 30. 80	10/2   <b>1</b>   <b>1</b>   <b>1</b>   <b>1</b>	For agos	loss than or	M IVI %008 10. 30. 30. 1	
	•		For ages less than equal to 30: 80% IALM 06-08 rated up by 1 year for males, rated			
	•	oo, ratoa				
		.M 06-08				
up by 1 year fo	or males, rate	ed down	_	_	males, rated down by	
ear for females			1 year fo	r females		
	•	•				
					•	
		•			. , ,	
	•				•	
·				_	i whether medically	
underwritten or not				itten of not		
For non-medical (Jet cases)				For non-medical (Jet cases)		
Premiur		nium			,	
			Age	<=24k		
30 19	90%	170%	<=30	19	0% 170%	
15	50%	100%	>30	15	0% 100%	
•			For medically underwritten business  Premium Premium			
			Age			
			<=30		0% 140%	
					5% 85%	
	•	•	males and rated down 1 year for females			
	•				rated by 1 year for	
and rated dow	n 1 year for fe	emales	males ar	nd rated down	n 1 year for females	
plicable			Δαe	Sum assu		
			l		20% 80%	
					80%	
	• •	•				
	•		males and rated down 1 year for females			
•				,		
	ntember 20	110-			ntember 2010:	
	-		Products before September 2010: For non-medical (Jet cases)			
-		um			Premium	
<=24k			Age	<=24k	>24k	
			Z-30	1009		
	and rated down  nium <= 18k  ges less than ed rated up by 1 by 1 year for fe ges greater than up by 1 year for fe ges greater than up by 1 year for females  of IALM 06-08 rated down on age and written or not generated up by 1 year for females  of IALM 06-08 rate and rated down on age and written or not generated down of IALM 06-08 and rated down of IALM 06-08 and rated down of IALM 06-08 and rated down on age and r	IALM 06-08 rated up by 1 and rated down 1 year for femium   90%    ges less than equal to 30: 80 rated up by 1 year for males ges greater than 30: 80% IAL up by 1 year for males, rate ear for females    of IALM 06-08 rated by 1 and rated down 1 year for females    of IALM 06-08 rated up by 1 and rated down 1 year for on age and whether now written or not    on-medical (Jet cases)    Premium   Premium	IALM 06-08 rated up by 1 year for and rated down 1 year for females    Premium > 18k	Age   Premium   Premium	ALM 06-08 rated up by 1 year for and rated down 1 year for females   Premium > 18k   6   90%	

Plan	Valuat	tion basis at M	arch 31, 2015	Valuation	on basis at Dec	cember 31, 2015
	<=45	95%	85%	<=45	95%	85%
	>45	90%	70%	>45	90%	70%
	For medically underwritten business			For medi	cally underwritte	en business
	Age	Premium <=24k	Premium >24k	Age	Premium <=24k	Premium >24k
	<=30	85%	75%	<=30	85%	75%
	<=45	80%	75%	<=45	80%	75%
	>45	80%	60%	>45	80%	60%
		s after Septem medical (Jet case			s <b>after Septem</b> medical (Jet case	
	Age	Premium	Premium	Age	Premium	Premium
	Age	<=24k	>24k	Age	<=24k	>24k
	<=30	100%	100%	<=30	100%	100%
	<=45	100%	70%	<=45	100%	70%
	>45	80%	60%	>45	80%	60%
	For medi	cally underwritte	en business	For medi	cally underwritte	en business
	Age	Premium <=24k	Premium >24k	Age	Premium <=24k	Premium >24k
	<=30	85%	85%	<=30	85%	85%
	<=45	85%	60%	<=45	85%	60%
	>45	70%	55%	>45	70%	55%
Home	80% of I	ALM 06-08 rated	l up by 1 year for	80% of I	ALM 06-08 rated	d up by 1 year for
Assure		ited down by 1 y			ited down by 1 y	
Home			I up by 1 year for			d up by 1 year for
Protect		ited down by 1 y			ited down by 1 y	
Credit			d up by 1 year for			ed up by 1 year for
Assure Croup torm		ted down by 1 y			ted down by 1 y	
Group term Rural	Oneame	d premium basis		Unearne	d premium basis	
products - Mitr, Suraksha (RP), Suraksha Kavach (Individual), Sarv Jan Suraksha	330%of IALM 06-08			330%of I	ALM 06-08	
Life Raksha	Not applicable			120% of	IALM 06-08	
Annuity	Up to age 40: 25% LIC 96-98 for males, rated down by 4 years for females; Age 40 to 60 (Both inclusive): 40% LIC 96-98 for males, rated down by 4 years for females; From age 61: 65% (75%-10%) LIC 96-98 for males, rated down by 4 years for			rated dov Age 40 t 98 for n females; From age	wn by 4 years for o 60 (Both inclunales, rated dover 61: 65% (75%-	96-98 for males, r females; sive): 40% LIC 96- vn by 4 years for 10%) LIC 96-98 for ears for females;

Plan	Valuation basis at March 31, 2015			Valuation basis at	December	31, 2015
	females;					
	The mortality improvem	nent is set a	as	The mortality improv	ement is set	as
	Age at April 1, 2008	Rate		Age at April 1, 2008	Rate	
	< 35	4.50%		< 35	4.50%	
	< 55	3.50%		< 55	3.50%	
	< 65	2.00%		< 65	2.00%	
	>= 65	1.75%		>= 65	1.75%	
ADD and	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.			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.		
AD Riders	Unearned premium basis			Unearned premium I	basis	
Level term rider Income Benefit rider Waiver of premium rider	For ages less than or equal to 30: 149% IALM 06-08 rated up by 1 year for males, rated down by 1 year for females For ages greater than 30: 105% IALM 06-08 rated up by 1 year for males, rated down by 1 year for females			For ages less than IALM 06-08 rated u rated down by 1 year For ages greater tha rated up by 1 year for 1 year for females	p by 1 year r for females n 30: 105% l	for males, ALM 06-08

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

Product name	Valuation basis at March 31, 2015	Valuation basis at December 31, 2015
Crisis Cover (mortality assumption)	149% of IALM 06-08 up to age 30, rated up by 1 year for males, and down by 1 year for females and 105% of IALM 06-08 after age 30, rated up by 1 year for males, and down by 1 year for females	149% of IALM 06-08 up to age 30, rated up by 1 year for males, and down by 1 year for females and 105% of IALM 06-08 after age 30, rated up by 1 year for males, and down by 1 year for females
Crisis Cover (CI benefit)	150% of reinsurance premium rates	150% of reinsurance premium rates
Cancer Care (mortality assumption)	80% of IALM 06-08 up to age 30, rated up by 1 year for males, and down by 1 year for females and 55% of IALM 06-08 after age 30, rated up by 1 year for males, and down by 1 year for females	80% of IALM 06-08 up to age 30, rated up by 1 year for males, and down by 1 year for females and 55% of IALM 06-08 after age 30, rated up by 1 year for males, and down by 1 year for females
Cancer Care (analysed with Cancer Care Plus)	120% of reinsurance premium rates	120% of reinsurance premium rates
Cancer Care Plus (mortality assumption)	80% of IALM 06-08 up to age 30, rated up by 1 year for males, and down by 1 year for females and 55% of IALM 06-08 after age 30, rated up by 1 year for males, and down by 1 year for females	80% of IALM 06-08 up to age 30, rated up by 1 year for males, and down by 1 year for females and 55% of IALM 06-08 after age 30, rated up by 1 year for males, and down by 1 year for females
Cancer Care Plus	130% of reinsurance premium rates	130% of reinsurance premium rates
Health Assure Plus (death benefit)	145% of IALM 06-08 up to age 30, rated up by 1 year for males, and down by 1 year for females and 105% of IALM 06-08 after age 30, rated up by 1 year for males, and down by 1 year for females	145% of IALM 06-08 up to age 30, rated up by 1 year for males, and down by 1 year for females and 105% of IALM 06-08 after age 30, rated up by 1 year for males, and down by 1 year for females
Health Assure Plus (Cl benefit)	140% of reinsurance premium rates	140% of reinsurance premium rates
Health Assure (mortality assumption)	80% of IALM 06-08 up to age 30, rated up by 1 year for males, and down by 1 year for females and 55% of IALM 06-08 after age 30, rated up by 1 year for males, and down by 1 year for females	80% of IALM 06-08 up to age 30, rated up by 1 year for males, and down by 1 year for females and 55% of IALM 06-08 after age 30, rated up by 1 year for males, and down by 1 year for females
Health Assure	135% of reinsurance premium rates	135% of reinsurance premium rates
Hospital Care I (mortality assumption)	80% of IALM 06-08 up to age 30, rated up by 1 year for males, and down by 1 year for females and 55% of IALM 06-08 after age 30, rated up by 1 year for males, and down by 1 year for females	80% of IALM 06-08 up to age 30, rated up by 1 year for males, and down by 1 year for females and 55% of IALM 06-08 after age 30, rated up by 1 year for males, and down by 1 year for females
Hospital Care I (morbidity	160% of reinsurance premium rates	160% of reinsurance premium rates

Product name	Valuation basis at March 31, 2015			Valuation basis at December 31, 2015				
assumption)								
Hospital Care II (mortality assumption)	80% of IALM 06-08 up to age 30, rated up by 1 year for males, and down by 1 year for females and 55% of IALM 06-08 after age 30, rated up by 1 year for males, and down by 1 year for females			80% of IALM 06-08 up to age 30, rated up by 1 year for males, and down by 1 year for females and 55% of IALM 06-08 after age 30, rated up by 1 year for males, and down by 1 year for females				
Hospital Care II (morbidity assumption)	400% of reinsurance premium rates			400% of reinsurance premium rates				
Diabetes Assure (mortality assumption)	363% of IALM 06-08 up to age 30, rated up by 1 year for males, and down by 1 year for females and 253% of IALM 06-08 after age 30, rated up by 1 year for males, and down by 1 year for females			363% of IALM 06-08 up to age 30 , rated up by 1 year for males, and down by 1 year for females and 253% of IALM 06-08 after age 30 , rated up by 1 year for males, and down by 1 year for females				
Diabetes Assure	120% of prid	ing basis			120% of pri	cing basis		
Diabetes Care (mortality assumption)	Base: IALM 06-08 rated up by 1 year for males, and down by 1 year for females up to age 30 Males 0 Class 195% Males 1 Class 250% Males 2 Class 330% Males 3 Class 415% Males 4 Class 540% Females 0 Class 210% Females 1 Class 270% Females 2 Class 355% Females 3 Class 480% Females 4 Class 610% Above form for ages above 30 but with a reduction in mortality corresponding to 10% of the IALM 06-08 table			Base: IALM 06-08 rated up by 1 year for males, and down by 1 year for females up to age 30 Males 0 Class 195% Males 1 Class 250% Males 2 Class 330% Males 3 Class 415% Males 4 Class 540% Females 0 Class 210% Females 1 Class 270% Females 2 Class 355% Females 2 Class 355% Females 4 Class 610% Above form for ages above 30 but with a reduction in mortality corresponding to 10% of the IALM 06-08 table Percentage of CIBT-93				
	Percentage	Males	Females	1		Males	Females	]
	<b>Age</b> 18-25	742%	405%		<b>Age</b> 18-25	742%	405%	
	26-30	754%	393%	1	26-30	754%	393%	
	31-35	669%	324%	1	31-35	669%	324%	
Diabetes	36-40	542%	284%	1	36-40	542%	284%	
Care	41-45	445%	251%	•	41-45	445%	251%	
	46-50	340%	256%	•	46-50	340%	256%	
	51-55	293%	246%		51-55	293%	246%	
	56-60	244%	238%	1	56-60	244%	238%	
	61-65	240%	246%	1	61-65	240%	246%	
Diabetes	Base: IALM			ear/		06-08 rated		ear for
Care Plus	for males, and down by 1 year for							
(death benefit)	females up to age 30			to age 30				

Product name	Valuation basis at March 31, 2015			Valuation basis at December 31, 2015			
name	Males 0 Class 240% Males 1 Class 300% Males 2 Class 405% Males 3 Class 510% Males 4 Class 660% Females0 Class 265% Females 1 Class 330% Females 2 Class 435% Females 3 Class 550% Females 4 Class 700% For ages above 30 a 10% reduction in mortality corresponding to 10% of the			Males 0 Class 240% Males 1 Class 300% Males 2 Class 405% Males 3 Class 510% Males 4 Class 660% Females0 Class 265% Females 1 Class 330% Females 2 Class 435% Females 3 Class 550% Females 4 Class 700%			
	IALM 06-08			IALM 06-08	table		
	Percentage			Percentage			
	Age	Males	Females	Age	Males	Females	
	18-25	703%	374%	18-25	703%	374%	
	26-30	724%	300%	26-30	724%	300%	
Diabetes	31-35	642%	265%	31-35	642%	265%	
Care Plus	36-40	498%	267%	36-40	498%	267%	
	41-45	350%	233%	41-45	350%	233%	
	46-50	282%	210%	46-50	282%	210%	
	51-55	270%	208%	51-55	270%	208%	
	56-60 61-65	217% 208%	207% 210%	56-60 61-65	217% 208%	207% 210%	
Diabetes Care Active (mortality assumption)	420% of IALM 06-08 rated up by 1 year for males and 450% of IALM 06-08 rated down by 1 year for females up to age 30 and for ages above 30 295% of IALM 06-08 rated up by 1 year for males and 315% of IALM 06-08 rated down by 1 year for females			420% of IALM 06-08 rated up by 1 year for males and 450% of IALM 06-08 rated down by 1 year for females up to age 30 and for ages above 30 295% of IALM 06-08 rated up by 1 year for males and 315% of IALM 06-08 rated down by 1 year for females			
Diabetes Care Active	120% of the pricing basis			120% of the pricing basis			
Death Benefit rider (mortality assumption)	420% of IALM 06-08 rated up by 1 year for males and 450% of IALM 06-08 rated down by 1 year for females up to age 30 and for ages above 30 295% of IALM 06-08 rated up by 1 year for males and 315% of IALM 06-08 rated down by 1 year for females			420% of IALM 06-08 rated up by 1 year for males and 450% of IALM 06-08 rated down by 1 year for females up to age 30 and for ages above 30 295% of IALM 06-08 rated up by 1 year for males and 315% of IALM 06-08 rated down by 1 year for females			
Death Benefit rider	120% of the pricing basis			120% of the pricing basis			
Major Surgical Benefit rider (mortality assumption)	90% of IALM 06-08 up to age 30, rated up by 1 year for males, and down by 1 year for females and 65% of IALM 06-08 after age 30, rated up by 1 year for males, and down by 1 year for females			90% of IALM 06-08 up to age 30, rated up by 1 year for males, and down by 1 year for females and 65% of IALM 06-08 after age 30, rated up by 1 year for males, and down by 1 year for females			

Product name	Valuation basis at March 31, 2015				Valuation basis at December 31, 2015			
Major Surgical Benefit rider	125% of reinsurance premium rates			125% of reinsurance premium rates				
Critical Illness Accelerated and Standalone (mortality assumption) rider	Accelerated - Unearned Premium Standalone - 90% of IALM 06-08 up to age 30 , rated up by 1 year for males, and down by 1 year for females and 65% of IALM 06-08 after age 30 , rated up by 1 year for males, and down by 1 year for females			Accelerated - Unearned Premium Standalone - 90% of IALM 06-08 up to age 30 , rated up by 1 year for males, and down by 1 year for females and 65% of IALM 06-08 after age 30 , rated up by 1 year for males, and down by 1 year for females				
	Age	Males	Female	S	Age	Males	Females	8
	18-20	171%	157	%	18-20	171	% 157%	6
	21-25	149%	157	%	21-25	149	% 157%	6
Critical	26-30	165%	160	%	26-30	165	% 160%	6
Illness	31-35	175%	171	%	31-35	175	% 171%	6
Accelerated	36-40	155%	171	%	36-40	155	% 171%	6
and	41-45	157%	171	%	41-45	157	% 171%	6
Standalone	46-50	161%	166	%	46-50	161	% 166%	6
rider	51-55	144%	153	%	51-55	144	% 153%	6
	56-60	120%	140	%	56-60	120	% 140%	6
	61-65	109%	137	%	61-65	109	% 137%	6
	Based on C	IBT 93	'		Based on CIBT 93			
	90% of IAL	M 06-08 up	to age 30	, rated	90% of IALM 06-08 up to age 30 , rated up			
MediAssure	up by 1 year for males, and down by 1				ar for males,			
(mortality	,				for females and 65% of IALM 06-08 after age 30, rated up by 1 year for males, and			
assumption)	, , , ,				• • •	•	ales, and	
	males, and	down by 1	year for fer	nales	down by	1 year for fe	males	
MediAssure	100% of reinsurance premium rates			100% of reinsurance premium rates				
	% of IALM				or % of IALM 06-08 rated up by 1 year for			
	males and		•		•			
	females ba			hether		on age and	whether m	nedically
	medically underwritten or not. underwritten or i				itten or not.	ot.		
	For non-me		ases): Premium	İ	For non-medical (Jet cases):  Premium Premium			
Health Saver	ΔαΔ	<=18k	>18k		Age	<=18k	>18k	
(linked	<=30	120%	110%		<=30	120%	110%	
product)	<=45	110%	85%		<=45	110%	85%	
(mortality	>45	90%	75%		>45	90%	75%	
assumption)		<u> </u>		I				
	For medically underwritten business			ess	For med	ically underw		ss
	Δαρ	remium   I <=18k	Premium >18k		Age	Premium <=18k	Premium > 18k	
	<=30	85%	80%		<=30	85%	80%	
	<=45	85%	65%		<=45	85%	65%	
	>45	70%	55%		>45	70%	55%	
	>45	/0%	55%		>45	/0%	55%	

Product name	Valuation basis at March 31, 2015	Valuation basis at December 31, 2015		
Health Saver (linked product) (morbidity assumption)	125% of reinsurance premium rates	125% of reinsurance premium rates		
Diabetes Rider (mortality assumption)	105% of IALM 06-08 up to age 30, rated up by 1 year for males, and down by 1 year for females and 65% of IALM 06-08 after age 30, rated up by 1 year for males, and down by 1 year for females	105% of IALM 06-08 up to age 30, rated up by 1 year for males, and down by 1 year for females and 65% of IALM 06-08 after age 30, rated up by 1 year for males, and down by 1 year for females		
Diabetes Rider	145% of pricing basis	145% of pricing basis		
Diabetes Rider (modified) (mortality assumption)	105% of IALM 06-08 up to age 30, rated up by 1 year for males, and down by 1 year for females and 65% of IALM 06-08 after age 30, rated up by 1 year for males, and down by 1 year for females	105% of IALM 06-08 up to age 30, rated up by 1 year for males, and down by 1 year for females and 65% of IALM 06-08 after age 30, rated up by 1 year for males, and down by 1 year for females		
Diabetes Rider (modified)	110% of pricing basis	110% of pricing basis		
Waiver of Premium Benefits	100% of reinsurance risk rates	100% of reinsurance risk rates		
Waiver of Premium- CI	100% of reinsurance risk rates	100% of reinsurance risk rates		

# 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, 2015	Valuation basis at December 31, 2015	
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 4. Policies in the premium discontinuance state beyond revival period of post September 2010 unit linked products	475	475	
Annuity	Annual annuity payment- 989 Semi annual payment- 989 Quarterly annuity payment- 1,031 Monthly annuity payment- 1,169	Annual annuity payment- 356 Semi annual payment- 356 Quarterly annuity payment- 356 Monthly annuity payment- 356	
Riders	0	0	
Mitr, Suraksha (SP, RP), Suraksha Kavach Sarv Jan Suraksha Anmol Bachat Life Raksha	40	40	
Policies in the premium discontinuance state beyond revival period of post-September 2010 unit linked products	475	475	
Renewal expense per premiur	n		
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	0.83%	0.83%	

Type of expense (₹)	Valuation basis at March 31, 2015	Valuation basis at December 31, 2015					
Post-September unit linked							
regular premium contracts ( for							
in force policies through out the	0.83%	0.83%					
term and for premium	0.83 /6	0.83 /6					
discontinuance state policies in							
the first two years in this state)							
Claim expenses per policy (₹)							
Cancer Care							
Cancer Care Plus							
Crisis Cover							
Diabetes Care							
Diabetes Care Plus	7,369	7,369					
Diabetes Assure							
Diabetes Care Active							
Heath Assure							
Heath Assure Plus							
IProtect							
ICare	11,788	11,788					
ICare II							
Loan Protect Plus	Not applicable	10,500					
Hospital Care							
Health Saver							
MediAssure	156	156					
Suraksha Kavach (SP)							
Disability Claims							
Life Raksha	Not applicable	250					
Screening expenses per polic	Screening expenses per policy (₹)						
Diabetes Care							
Diabetes Care Plus							
Diabetes Care Active							
Cancer Care Plus	3,089	3,08					
Males (20 to 50 years)	3,089						
Males (above 51 years)							
Females (20 to 40 years)							
Females (above 41 years)							