

# Performance update: Q1-FY2019

July 24, 2018

### Agenda

Company strategy and performance

Opportunity

Industry overview



### Agenda



Opportunity

Industry overview



# Strategy: Market share + profitable growth

Objective Grow Value of New Business (VNB) Focus on retail through multi-channel distribution

**Customer centric products** 

Saving opportunity

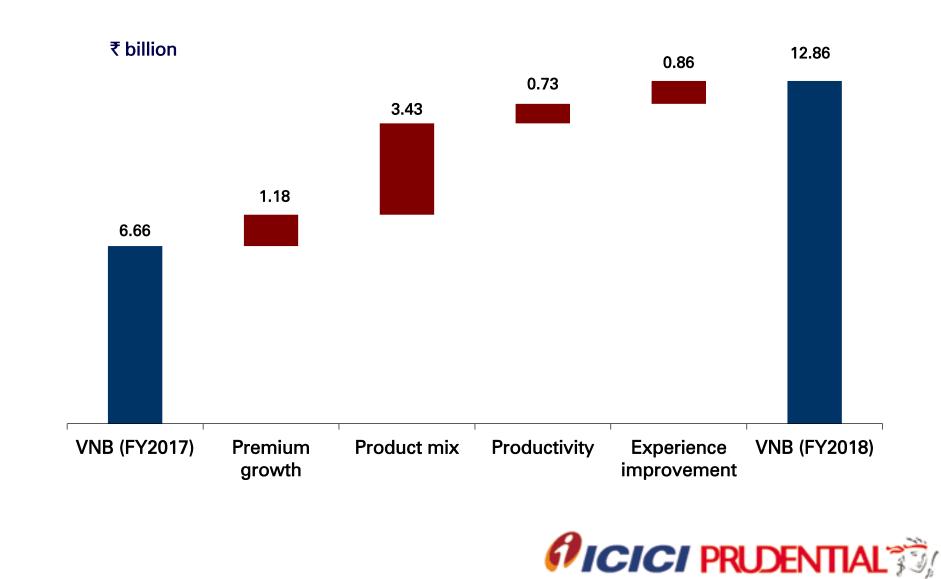
Protection opportunity

Superior business quality to deliver enhanced customer and shareholder value

Technology as business enabler



# **Drivers of VNB growth**



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# **Strategic elements**



# Strategic elements (1/4)

Premium growth

- Focus on retail for long term sustainability
- **Diversification of distribution**
- Offer customer centric products
- Unmatched on-boarding experience

#### Q1-FY2019 update:

- APE declined by 18%
- Market share of 11.3%



# Strategic elements (2/4)

Protection focus

- Meeting the needs of both income replacement and liability cover
- Comprehensive suite of products
  - New partnerships
  - Leverage technology for risk calibrated superior underwriting

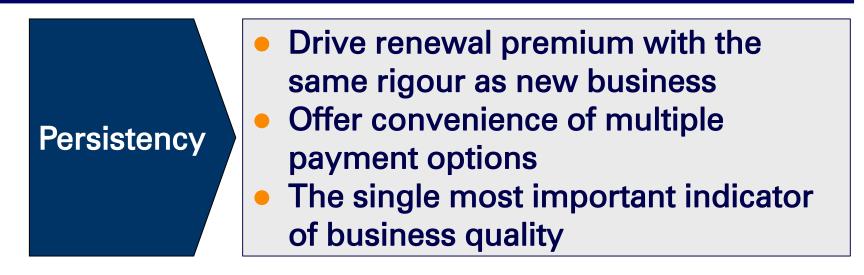
#### Q1-FY2019 update:

- Protection APE growth of 48.1%
- New micro insurance product launched



\* At June 30, 2018

# Strategic elements (3/4)



#### Q1-FY2019 update:

- Total premium growth of 13.0%
- Retail renewal premium growth of 29.1%
- 13<sup>th</sup> month persistency maintained at 85.8%\*
- Improvement across cohorts

\* As per IRDAI circular dated January 23, 2014; excluding single premium



# Strategic elements (4/4)



#### Q1-FY2019 update:

- Cost/TWRP (savings LOB) at 13.7% compared to 12.5% in Q1-FY2018
- Ratio expected to improve with growth in premium through the year

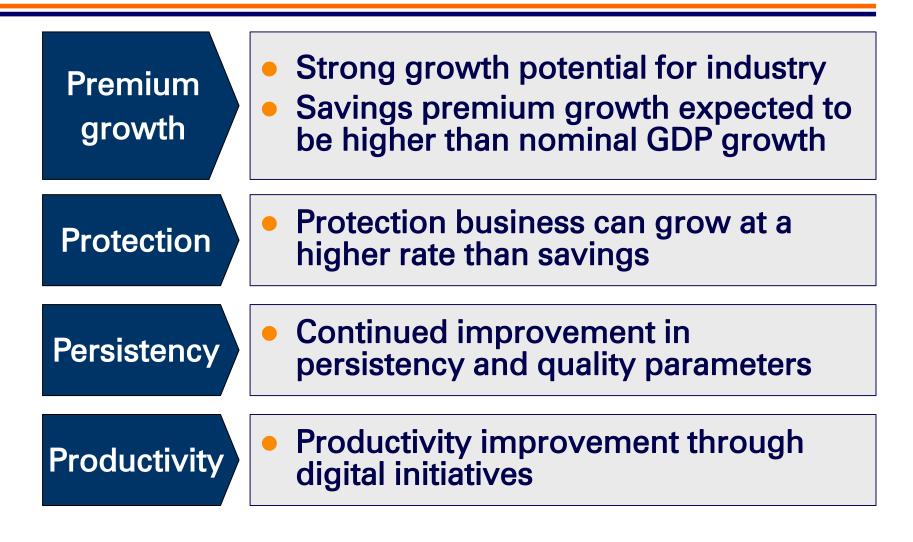


| ₹ billion                                   | FY2017 | FY2018 | Q1-FY2018 | Q1-FY2019 |
|---|--------|--------|-----------|-----------|
| Value of New<br>Business (VNB) <sup>1</sup> | 6.66   | 12.86  | 1.82      | 2.44      |
| VNB Margin                                  | 10.1%  | 16.5%  | 10.7%     | 17.5%     |
| VNB growth                                  | 61.7%  | 93.1%  | NA        | 34.1%     |

1. For full year, based on actual cost; Q1: based on management forecast of full year cost



# Outlook





#### **Company performance**



# **Categories of products**

|   | Savings  |  |  |  |  |  |
|---|--|--|--|--|--|--|
| Linked  | <ul> <li>Transparent</li> <li>Choice of asset class</li> <li>Low charges and minimal lapse risk for customers</li> </ul>                     |  |  |  |  |  |
| Par   | <ul> <li>Return upside through segment surplus<sup>1</sup> i.e. income net expense/reserve</li> <li>High lapse risk for customers</li> </ul> |  |  |  |  |  |
| Non-Par savings   | <ul> <li>Guaranteed returns</li> <li>High lapse risk for customers</li> </ul>  |  |  |  |  |  |
| Life cover ten times annual premium similar across savings products |  |  |  |  |  |  |

| Protection                |   |  |  |
|---------------------------|---|--|--|
| Individual<br>life/health | Pure mortality/morbidity risk cover             |  |  |
| Credit cover              | Pure mortality/morbidity cover to borrowers     |  |  |
| Group life                | Pure mortality cover for formal/informal groups |  |  |



1. 90% of segment surplus belongs to customers

# Saving products: persistency impact

 Significant loss for traditional saving product (Par and Non par) customers in case of discontinuance before the maturity date

| Year of   |         | Maximum surrender penalty |             |  |
|-----------|---------|---------------------------|-------------|--|
| surrender |         | Unit linked               | Traditional |  |
| Year 1    | 100,000 | 14,000                    | 100,000     |  |
| Year 2    | 200,000 | 20,000                    | 200,000     |  |
| Year 3    | 300,000 | 27,000                    | 210,000     |  |
| Year 4    | 400,000 | 32,000                    | 200,000     |  |
| Year 5    | 500,000 | Nil                       | 250,000     |  |
| Year 6    | 600,000 | Nil                       | 300,000     |  |
| Year 7    | 700,000 | Nil                       | 350,000     |  |

Notes:

- 1. Unit linked surrender penalty includes average admin charges
- 2. Actual surrender penalty for non linked could be lower for certain products
- 3. Assuming policy term greater than 10 years



# Strategy: Market share + profitable growth



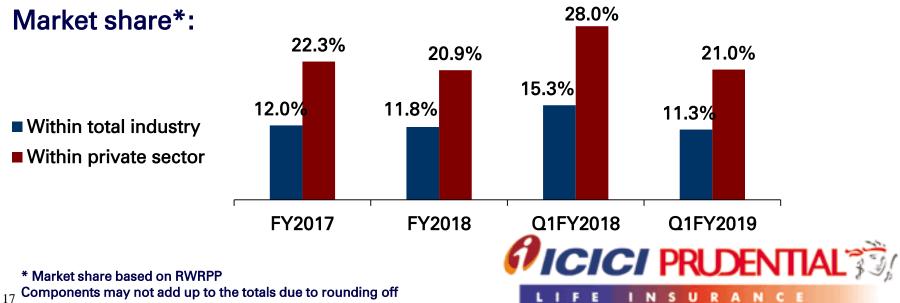
Superior business quality to deliver enhanced customer and shareholder value

Technology as business enabler



## Focus on Retail market share

| ₹bn                   | FY2017   | FY2018   | Q1-FY2018 | Q1-FY2019 | Growth  |
|-----------------------|----------|----------|-----------|-----------|---------|
| Retail APE            | 65.18    | 75.78    | 16.79     | 13.35     | (20.5%) |
| Group APE             | 1.07     | 2.13     | 0.26      | 0.61      | 134.6%  |
| Total APE             | 66.25    | 77.92    | 17.04     | 13.96     | (18.1%) |
| Retail as % Total APE | 98.4%    | 97.3%    | 98.5%     | 95.6%     |         |
| Retail AUM            | 1,083.15 | 1,235.21 | 1,118.25  | 1,275.15  | 14.0%   |
| Total AUM             | 1,229.19 | 1,395.32 | 1,265.91  | 1,426.63  | 12.7%   |
| Retail as % Total AUM | 88.1%    | 88.5%    | 88.3%     | 89.4%     |         |

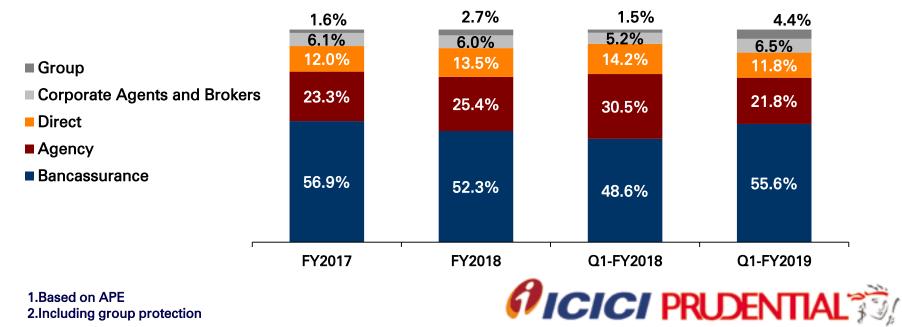


Within total industry

Within private sector

# Multi-channel distribution<sup>1</sup>

| ₹ bn                         | FY2017 | FY2018 | Q1-FY2018 | Q1-FY2019 |
|------------------------------|--------|--------|-----------|-----------|
| Bancassurance                | 37.72  | 40.75  | 8.28      | 7.76      |
| Agency                       | 15.41  | 19.79  | 5.20      | 3.04      |
| Direct                       | 7.98   | 10.54  | 2.42      | 1.64      |
| Corporate agents and brokers | 4.07   | 4.70   | 0.88      | 0.91      |
| Group <sup>2</sup>           | 1.07   | 2.13   | 0.26      | 0.61      |



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# **Customer centric products**

| ₹ bn                    | FY2017 | FY2018 | Q1-FY2018 | Q1-FY2019 |
|-------------------------|--------|--------|-----------|-----------|
| Savings                 | 63.64  | 73.45  | 16.27     | 12.82     |
| ULIP                    | 55.69  | 63.81  | 14.61     | 11.14     |
| Par                     | 6.38   | 8.46   | 1.42      | 1.36      |
| Non par                 | 0.72   | 0.40   | 0.09      | 0.13      |
| Group                   | 0.86   | 0.78   | 0.16      | 0.19      |
| Protection <sup>1</sup> | 2.60   | 4.46   | 0.77      | 1.14      |
| Total APE               | 66.25  | 77.92  | 17.04     | 13.96     |

#### Protection APE grew by 48.1% in Q1-FY2019

1. Protection includes retail and group protection products

 $_{19}$  Components may not add up to the totals due to rounding off



# Persistency<sup>1</sup> (retail excluding single premium)

| Month                  | FY2017 | FY2018 | Q1-FY2018 | 2m-FY2019 |
|------------------------|--------|--------|-----------|-----------|
| 13 <sup>th</sup> month | 84.7%  | 85.8%  | 85.8%     | 85.8%     |
| 25 <sup>th</sup> month | 73.0%  | 77.0%  | 73.9%     | 77.8%     |
| 37 <sup>th</sup> month | 65.5%  | 67.6%  | 67.0%     | 68.2%     |
| 49 <sup>th</sup> month | 58.3%  | 62.8%  | 59.2%     | 63.7%     |
| 61 <sup>st</sup> month | 53.8%  | 53.7%  | 54.3%     | 54.0%     |

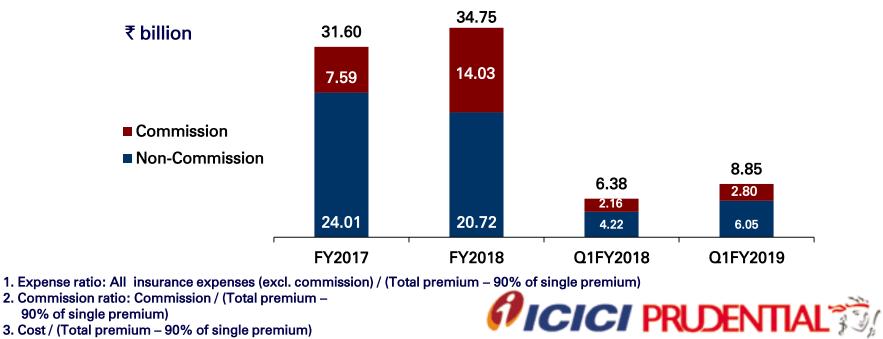
| ₹bn                          | FY2017 | FY2018 | Q1-FY2018 | Q1-FY2019 |
|------------------------------|--------|--------|-----------|-----------|
| Retail renewal premium       | 142.19 | 174.97 | 28.08     | 36.25     |
| YOY growth                   | 18.5%  | 23.1%  | 25.4%     | 29.1%     |
| Retail surrender<br>(linked) | 105.35 | 116.86 | 28.99     | 18.89     |



1. As per IRDAI circular dated January 23, 2014

# **Productivity: Cost efficiency**

|   | FY2017 | FY2018 | Q1-FY2018 | Q1-FY2019 |
|---|--------|--------|-----------|-----------|
| Expense ratio (excl. commission) <sup>1</sup> | 11.4%  | 8.2%   | 9.4%      | 12.0%     |
| Commission ratio <sup>2</sup>                 | 3.6%   | 5.5%   | 4.8%      | 5.5%      |
| Cost/TWRP <sup>3</sup>                        | 15.1%  | 13.7%  | 14.2%     | 17.5%     |
| Cost / Average AUM <sup>4</sup>               | 2.8%   | 2.6%   | 2.0%      | 2.5%      |
| Cost/TWRP (Savings LOB)                       | 13.3%  | 11.8%  | 12.5%     | 13.7%     |



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 $_{\rm 21}$  4. Annualized Cost / Average assets under management during the period

#### Technology as business enabler



# **Technology initiatives**

| Acquisition | <ul> <li>Facematch: Automated fraud detection tool for better<br/>underwriting</li> <li>API platform: Standardised data exchange platform<br/>across applications and partners (Implementation in<br/>progress)</li> </ul> |
|-------------|--|
| Operations  | <ul> <li>Robotics Process Automation (RPA): Automation of regular manual activities to reduce cost and error</li> <li>Auto OCR: Convert image to text for faster &amp; automated processing</li> </ul>                     |
| Service     | <ul> <li>Chatbots: Handling frequent queries of customers, sales team and employees</li> <li>Al &amp; Machine Learning: Automated decision making based on data analytics (Implementation in progress)</li> </ul>          |



## Outcome

| Productivity        | <ul> <li>73% of new business policies issued within 2 days in Q1-FY2019</li> <li>91% of new business applications initiated via digital platform</li> </ul>  |
|---------------------|--|
| Persistency         | <ul> <li>More than 250,000 premium payment centres across India</li> <li>61% of renewal premium receipted through electronic mediums<sup>1</sup></li> </ul>  |
| Customer<br>Service | <ul> <li>72% service transactions are self service</li> <li>99% of customer initiated payouts are processed electronically</li> <li>Claims TAT<sup>2</sup> decreased from 6 days in FY2014 to 3 days in Q1-FY2019</li> </ul> |

1. Transactions processed through online, direct debit and ECS

2. Average turn around time for non-investigated claims from receipt of last requirement



#### **Financial update**



# **Financial metrics**

| ₹bn                         | FY2017 | FY2018 | Q1-FY2018 | Q1-FY2019 | Growth  |
|-----------------------------|--------|--------|-----------|-----------|---------|
| Retail new business premium | 70.66  | 84.02  | 18.22     | 14.91     | (18.2%) |
| Retail renewal premium      | 142.19 | 174.97 | 28.08     | 36.25     | 29.1%   |
| Group premium               | 10.69  | 11.70  | 2.55      | 4.01      | 57.3%   |
| Total premium               | 223.54 | 270.69 | 48.85     | 55.18     | 13.0%   |

|  | Value of New Business<br>(VNB) <sup>1</sup> | 6.66   | 12.86  | 1.82 | 2.44 | 34.1%   |
|--|---|--------|--------|------|------|---------|
| Profit After Tax 16.82 16.20 4.06 2.82 (30.6 | Embedded Value                              | 161.84 | 187.88 | -    | -    | NA      |
|  | Profit After Tax                            | 16.82  | 16.20  | 4.06 | 2.82 | (30.6%) |

| Solvency ratio | 281%     | 252%     | 289%     | 235%     |       |
|----------------|----------|----------|----------|----------|-------|
| AUM            | 1,229.19 | 1,395.32 | 1,265.91 | 1,426.63 | 12.7% |

1. For full year: based on actual cost; Q1: based on management forecast of full year cost

Components may not add up to the totals due to rounding off



# VNB growth levers update (4P's)

| ₹ bn  | FY2016 | FY2017 | FY2018 | Q1-<br>FY2018 | Q1-<br>FY2019      | Growth  |
|---|--------|--------|--------|---------------|--------------------|---------|
| Premium<br>growth (APE) <sup>1</sup>  | 51.70  | 66.25  | 77.92  | 17.04         | 13.96              | (18.1%) |
| <b>P</b> rotection APE  | 1.39   | 2.60   | 4.46   | 0.77          | 1.14               | 48.1%   |
| Persistency <sup>2</sup><br>(13 <sup>th</sup> month<br>excluding single<br>premium) | 81.8%  | 84.7%  | 85.8%  | 85.8%         | 85.8% <sup>3</sup> |         |
| Productivity<br>(Cost/TWRP)   | 14.5%  | 15.1%  | 13.7%  | 14.2%         | 17.5%              |         |

- 1. Annualized premium equivalent
- 2. As per IRDA circular dated January 23, 2014; excluding group and single premium policies
- 3. 2M-FY2019 persistency

Components may not add up to the totals due to rounding off



## Agenda

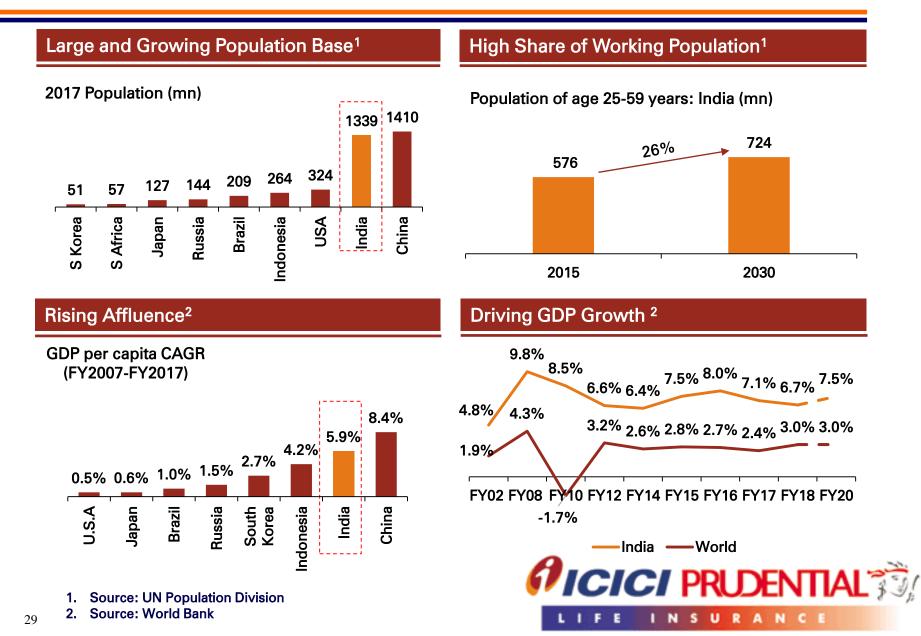
### Company strategy and performance

# Opportunity

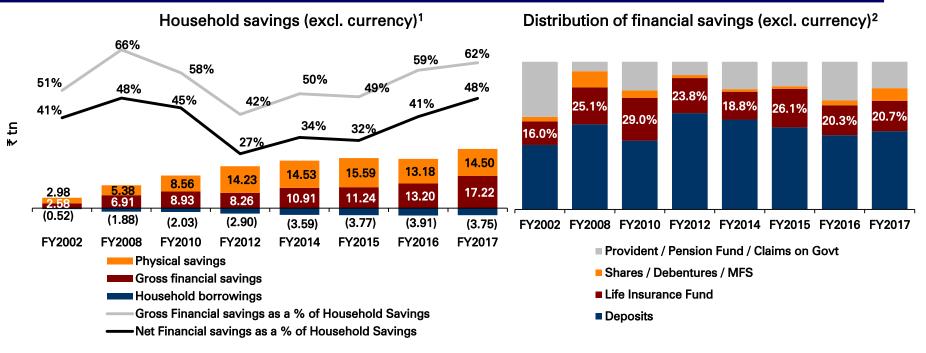
Industry overview



## Favourable demography



#### Financialisation of savings: Opportunity for insurance



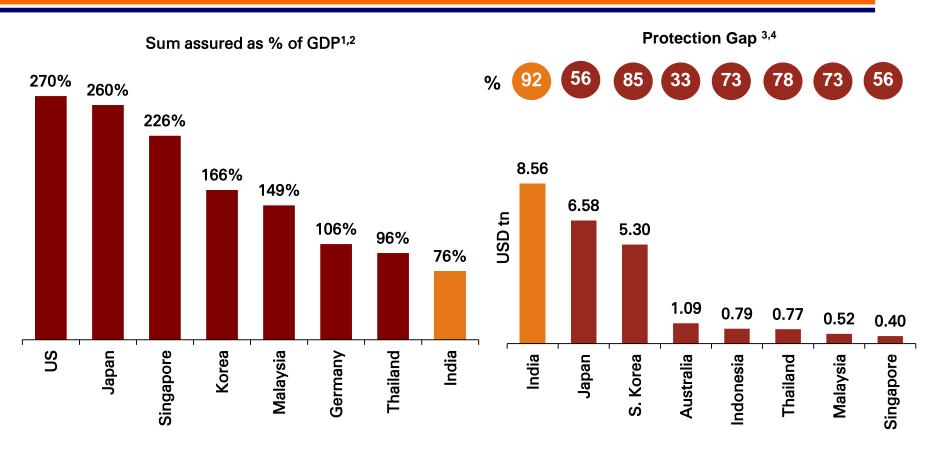
|   | FY2002 | FY2008 | FY2010 | FY2012 | FY2014 | FY2015 | FY2017 | FY2018 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Life insurance<br>premium <sup>3</sup> as<br>% of GDP | 2.1%   | 4.0%   | 4.1%   | 3.3%   | 2.8%   | 2.6%   | 2.7%   | 2.7%   |

Financialisation of savings aided by Direct Benefit Transfer, RERA and GST

- 1. Source: RBI and CSO
- 2. Source: RBI
- 3. Total life insurance industry premium including renewal; Source: IRDAI



# Protection opportunity: Income replacement



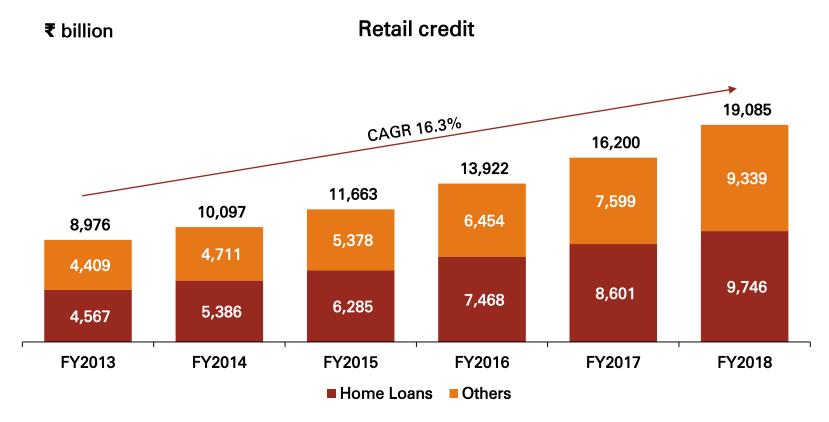
Sum assured as % of GDP low compared to other countries

#### Protection gap for India US \$ 8.56 trillion

- 1. As of FY2018 for India and FY2015 for others
- 2. Source: McKinsey analysis 2015, CIRC Annual report 2015, Life Insurance Council, CSO
- 3. Protection Gap (%): Ratio of protection lacking/protection needed
- 31 4. Source: Swiss Re, Economic Research and Consulting 2015



# Protection opportunity: Liability cover



- Retail credit has been growing at a healthy pace
- Credit life is voluntary

Source: RBI

Components may not add up to the totals due to rounding off



# **Protection opportunity**

| Gross direct premium (₹ bn) | FY2008 | FY2018 | CAGR  |
|-----------------------------|--------|--------|-------|
| Health                      | 50.45  | 378.97 | 22.3% |
| Motor                       | 130.63 | 593.14 | 16.3% |
| Motor Own Damage (OD)       | 84.19  | 263.59 | 12.1% |
| Motor Third Party (TP)      | 46.44  | 329.55 | 21.6% |

 Protection premium ~ ₹ 100 billion for life insurance industry in FY2018



### Agenda

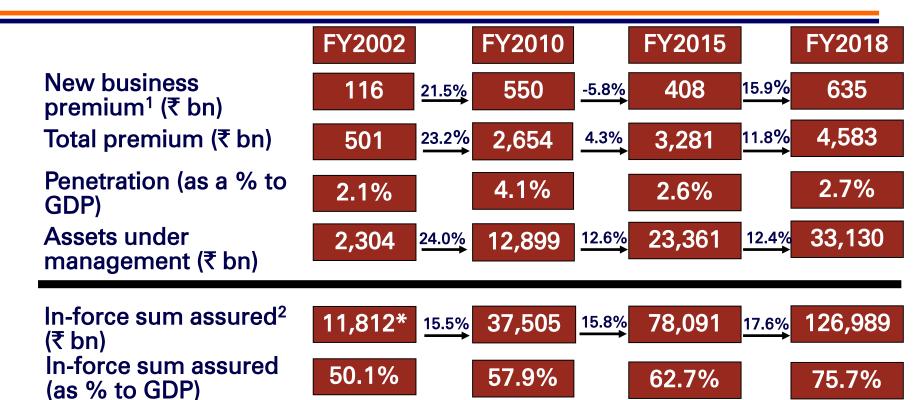
Company strategy and performance

Opportunity





# **Evolution of life insurance industry in India**



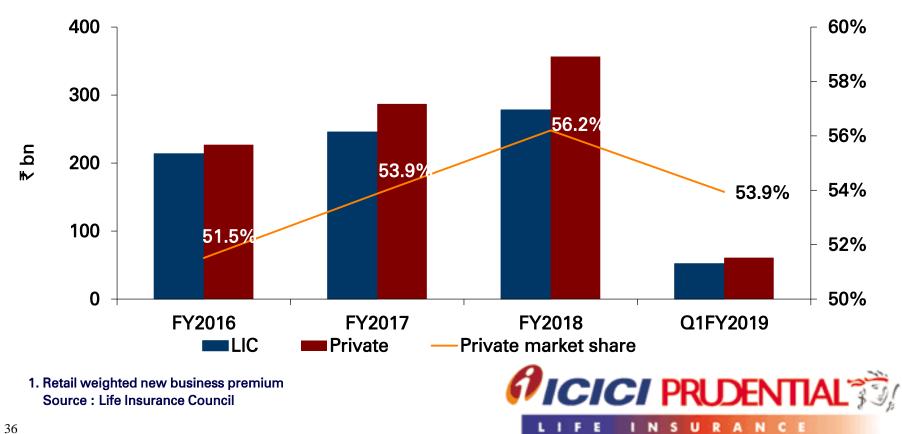
#### Industry is back to growth

1. Retail weighted received premium (RWRP) 2. Individual and Group in-force sum assured Source: IRDAI, CSO, Life Insurance Council \* Company estimate

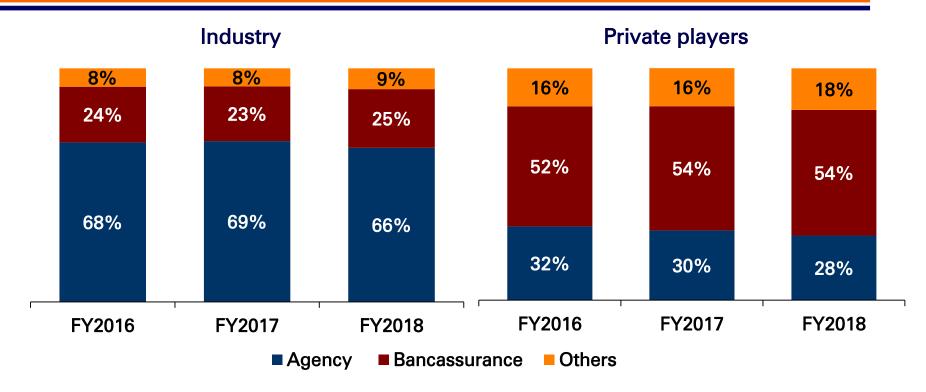


## New business<sup>1</sup>

| Growth   | FY2016 | FY2017 | FY2018 | Q1-FY2019 |
|----------|--------|--------|--------|-----------|
| Private  | 13.6%  | 26.4%  | 24.3%  | 4.5%      |
| LIC      | 2.9%   | 14.7%  | 13.2%  | 6.9%      |
| Industry | 8.1%   | 20.7%  | 19.2%  | 5.6%      |



# Channel mix<sup>1</sup>

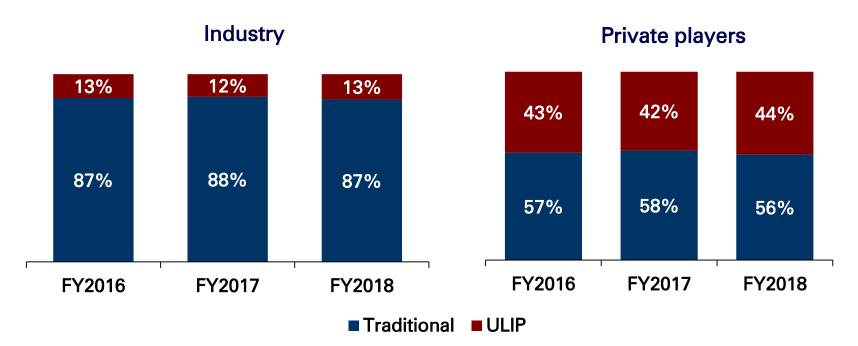


 Given a well developed banking sector, bancassurance has become largest channel for private players

1. Individual new business premium basis Source: Life Insurance Council



## Product mix<sup>1</sup>



- Strong customer value proposition of ULIPs
  - Transparent and low charges
  - Lower discontinuance charges compared to other savings products
  - Choice and flexibility of asset allocation
- 1. New business premium basis Source: Life Insurance Council

#### Annexures

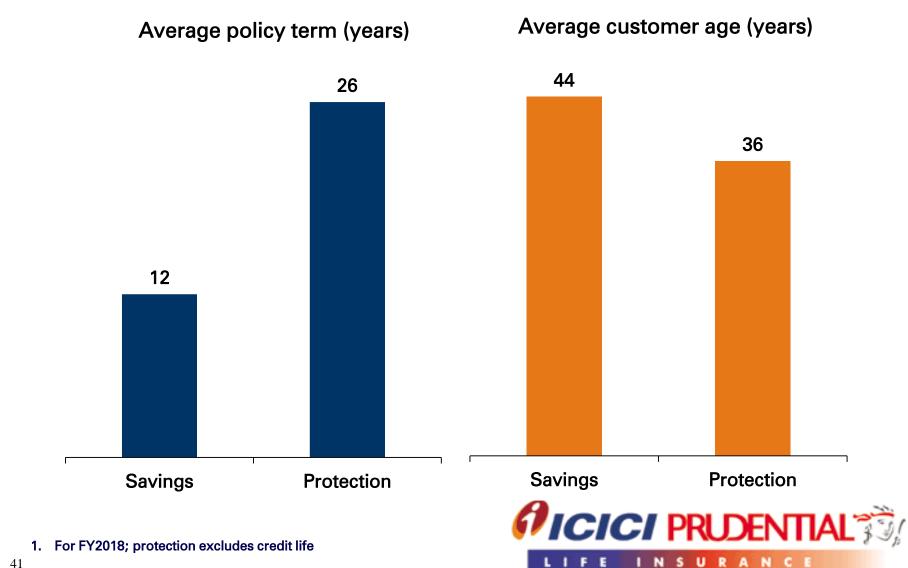


## Average APE by product categories

| Average retail<br>APE per policy (₹) | FY2015  | FY2016  | FY2017  | FY2018  |
|--------------------------------------|---------|---------|---------|---------|
| ULIP                                 | 129,087 | 149,777 | 169,701 | 180,746 |
| Par                                  | 38,430  | 44,533  | 56,325  | 62,379  |
| Non par                              | 25,233  | 23,656  | 39,153  | 54,187  |
| Protection                           | 4,408   | 10,284  | 9,815   | 9,123   |
| Total                                | 73,047  | 87,194  | 92,735  | 90,620  |



#### Policy term and customer age<sup>1</sup>



# Channel wise product mix<sup>1</sup>

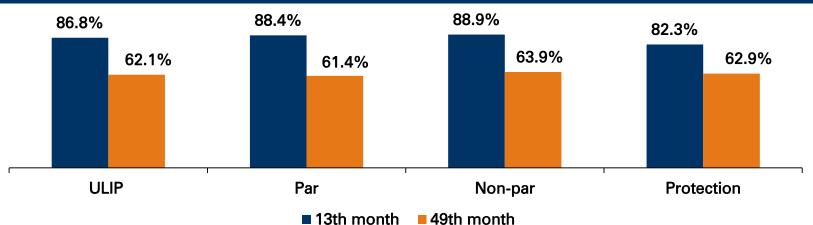
| Channel Category                | Product Category | FY2015 | FY2016 | FY2017 | FY2018 |
|---------------------------------|------------------|--------|--------|--------|--------|
|                                 | ULIP             | 88.4%  | 88.9%  | 92.1%  | 89.8%  |
|                                 | Par              | 10.0%  | 9.1%   | 5.3%   | 7.3%   |
| Bancassurance                   | Non par          | 0.0%   | 0.0%   | 0.4%   | 0.1%   |
|                                 | Protection       | 1.5%   | 2.0%   | 2.2%   | 2.7%   |
|                                 | Total            | 100.0% | 100.0% | 100.0% | 100.0% |
|                                 | ULIP             | 78.5%  | 76.4%  | 79.5%  | 81.8%  |
|                                 | Par              | 19.2%  | 19.6%  | 14.2%  | 13.5%  |
| Agency                          | Non par          | 1.0%   | 0.8%   | 2.0%   | 0.4%   |
|                                 | Protection       | 1.3%   | 3.2%   | 4.3%   | 4.3%   |
|                                 | Total            | 100.0% | 100.0% | 100.0% | 100.0% |
|                                 | ULIP             | 90.5%  | 84.3%  | 85.3%  | 88.0%  |
|                                 | Par              | 2.8%   | 7.7%   | 5.0%   | 4.3%   |
| Direct                          | Non par          | 4.7%   | 3.6%   | 3.1%   | 2.4%   |
|                                 | Protection       | 2.0%   | 4.4%   | 6.5%   | 5.3%   |
|                                 | Total            | 100.0% | 100.0% | 100.0% | 100.0% |
| Corporate Agents<br>and Brokers | ULIP             | 62.0%  | 47.4%  | 46.5%  | 36.8%  |
|                                 | Par              | 34.4%  | 49.0%  | 44.1%  | 49.9%  |
|                                 | Non par          | 2.4%   | 0.5%   | 0.4%   | 0.5%   |
|                                 | Protection       | 1.2%   | 3.1%   | 9.0%   | 12.8%  |
|                                 | Total            | 100.0% | 100.0% | 100.0% | 100.0% |

1. Retail Annualized Premium Equivalent (APE) basis

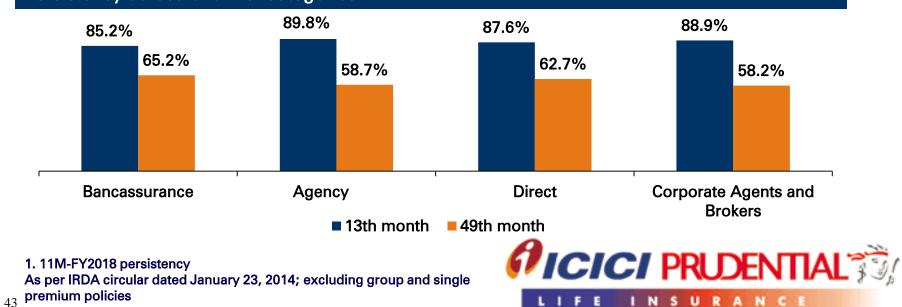


# Retail persistency excluding single premium<sup>1</sup>

#### **Persistency across Product Categories**



#### **Persistency across Channel Categories**



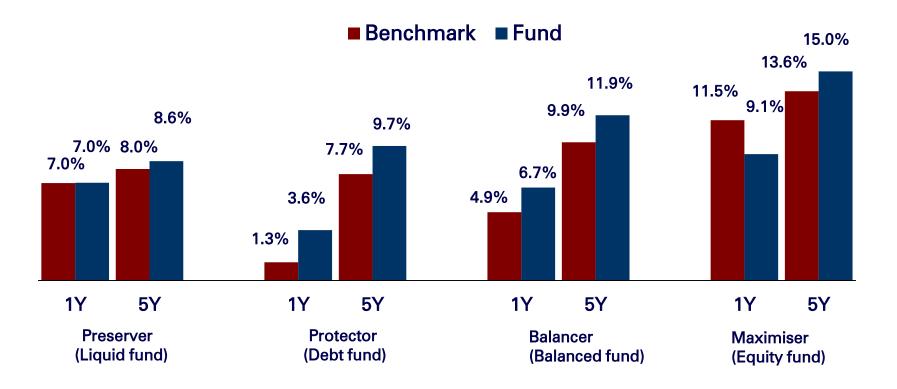
# Retail persistency (including single premium)

| Month                  | FY2016 | FY2017 | FY2018 | 2M-FY2019 |
|------------------------|--------|--------|--------|-----------|
| 13 <sup>th</sup> month | 82.4%  | 85.7%  | 86.8%  | 86.9%     |
| 25 <sup>th</sup> month | 71.2%  | 73.9%  | 78.3%  | 79.2%     |
| 37 <sup>th</sup> month | 61.6%  | 66.8%  | 68.8%  | 69.3%     |
| 49 <sup>th</sup> month | 62.2%  | 59.3%  | 64.2%  | 65.1%     |
| 61 <sup>st</sup> month | 46.0%  | 56.2%  | 54.5%  | 54.8%     |



As per IRDA circular dated January 23, 2014

# **Fund performance**



86.0% of linked portfolio out performed benchmark indices since inception



#### **Embedded Value**



#### **Embedded Value growth**

| ₹bn                         | FY2015 | FY2016 | FY2017 | FY2018 |
|-----------------------------|--------|--------|--------|--------|
| Value of In force (VIF)     | 82.88  | 84.25  | 94.28  | 117.64 |
| Adjusted Net worth          | 54.33  | 55.14  | 67.56  | 70.24  |
| Embedded Value <sup>1</sup> | 137.21 | 139.39 | 161.84 | 187.88 |

| Return on Embedded Value (ROEV) <sup>2</sup> | 15.4% | 16.2% | 16.5% | 22.7% |
|--|-------|-------|-------|-------|
| EV growth-pre dividend                       | 24.8% | 12.1% | 20.6% | 23.4% |
| EV growth-post dividend                      | 16.5% | 1.6%  | 16.1% | 16.1% |

| VNB as % of opening EV <sup>2</sup>   | 2.3% | 3.0% | 4.8% | 7.9% |
|---|------|------|------|------|
| Operating assumption<br>changes and variance as % of<br>opening EV <sup>2</sup> | 3.2% | 4.0% | 2.9% | 6.3% |

1. As per Indian Embedded Value (IEV) method

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2. Difference of FY2015 closing EV and FY2016 opening EV shown as operating assumption changes in FY2016



# Analysis of movement in EV<sup>1</sup>

| ₹bn  | FY2015 | FY2016              | FY2017 | FY2018  |
|--|--------|---------------------|--------|---------|
| Opening EV   | 117.75 | 137.21 <sup>2</sup> | 139.39 | 161.84  |
| Unwind   | 11.70  | 12.58               | 12.21  | 13.72   |
| Value of New Business (VNB)                        | 2.70   | 4.12                | 6.66   | 12.86   |
| Operating assumption changes                       | 1.60   | 1.04 <sup>2</sup>   | 1.00   | 7.64    |
| Persistency variance                               |        | 2.01                | 0.99   | 1.53    |
| Mortality and morbidity variance                   | 2.12   | 0.79                | 0.98   | 0.78    |
| Expense variance                                   | 2.12   | 0.59                | 0.35   | 0.27    |
| Other variance                                     |        | 1.09                | 0.76   | 0.00    |
| EVOP   | 18.12  | 22.23               | 22.95  | 36.80   |
| Return on embedded value (ROEV)                    | 15.4%  | 16.2%               | 16.5%  | 22.7%   |
| Economic assumption change and investment variance | 11.11  | (5.64)              | 5.82   | 1.13    |
| Net capital injection                              | (9.77) | (14.41)             | (6.32) | (11.88) |
| Closing EV   | 137.21 | 139.39              | 161.84 | 187.88  |

- 1. As per Indian Embedded Value (IEV) method
- 2. Difference of FY2015 closing EV and FY2016 opening EV shown as operating assumption changes in FY2016

<sup>48</sup> Components may not add up to the totals due to rounding off

# EV methodology ... (1/2)

 EV results prepared based on the Indian Embedded Value (IEV) methodology and principles as set out in Actuarial Practice Standard 10 (APS10) issued by the Institute of Actuaries of India (IAI)



# EV methodology (2/2)

- EV consists of Adjusted Net Worth (ANW) and Value of in-force covered business (VIF)
  - ANW is market value of assets attributable to shareholders, consisting of
    - Required Capital
    - Free Surplus
  - Value of in-force covered business (VIF) is
    - Present value of future profits; adjusted for
    - Time value of financial options and guarantees;
    - Frictional costs of required capital; and
    - Cost of residual non-hedgeable risks



#### **Components of ANW**

- Required capital (RC)
  - The level of required capital is set equal to the amount required to be held to meet supervisory requirements
  - It is net of the funds for future appropriation (FFAs)
- Free surplus (FS)
  - Market value of any assets allocated to, but not required to support, the in-force covered business



# Components of VIF (1/4)

- Present value of future profits (PVFP)
  - Present value of projected distributable profits to shareholders arising from in-force covered business
  - Projection carried out using 'best estimate' noneconomic assumptions and market consistent economic assumptions
  - Distributable profits are determined by reference to statutory liabilities



# Components of VIF (2/4)

- Frictional Cost of required capital (FC)
  - FCs represent investment management expenses and taxation costs associated with holding the Required capital
  - Investment costs reflected as an explicit reduction to the gross investment return



# Components of VIF (3/4)

- Time value of financial options and guarantees (TVFOG)
  - TVFOG represents additional cost to shareholders that may arise from the embedded financial options and guarantees
  - Stochastic approach is adopted with methods and assumptions consistent with the underlying embedded value



## Components of VIF (4/4)

- Cost of residual non-hedgeable risk (CRNHR)
  - CRNHR is an allowance for risks to shareholder value to the extent not already allowed for in the TVFOG or the PVFP
  - Allowance has been made for asymmetric risks of operational, catastrophe mortality / morbidity and mass lapsation risk
  - CRNHR determined using a cost-of-capital approach
  - Allowance has been made for diversification benefits among the non-hedgeable risks, other than the operational risk
  - 4% annual charge applied to capital required



# Components of EV movement (1/2)

- Operating assumption changes
  - Impact of the update of non-economic assumptions both on best estimate and statutory bases to those adopted in the closing EV
- Expected return on existing business (unwind)
  - Expected investment income at opening reference rate on VIF and ANW
  - Expected excess 'real world' investment return over the opening reference rate on VIF and ANW
- Value of new business
  - Additional value to shareholders created through new business during the period



# Components of EV movement (2/2)

- Operating experience variance
  - Captures impact of any deviation of actual experience from assumed in the opening EV during the intervaluation period
- Economic assumption changes and Investment variance
  - Impact of the update of the reference rate yield curve, inflation and valuation economic assumptions from opening EV to closing EV
  - Captures the difference between the actual investment return and the expected 'real world' assumed return
- Net capital injection
  - Reflects any capital injected less any dividends paid out

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# Key assumptions underlying EV (1/2)

- Discount rate and Fund earning rates
  - Set equal to reference rates which is proxy for risk free rates
  - Reference rates derived on the basis of zero coupon yield curve published by the Clearing Corporation of India Limited
- Expenses and commission
  - Based on the Company's actual expenses during FY2018 with no anticipation for productivity gains or cost efficiencies
  - Commission rates are based on the actual commission payable to the distributors



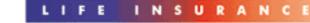
# Key assumptions underlying EV (2/2)

- Mortality and morbidity
  - Based on Company's experience with an allowance for future improvements in respect of annuities
- Persistency
  - Based on Company's experience
- Taxation
  - Taxation costs reflect the reduction in costs due to dividend income being tax exempt



# Sensitivity analysis (FY2018)

| Scenario                                   | % change<br>in EV | % change<br>in VNB |
|--|-------------------|--------------------|
| Increase in 100 bps in the reference rates | (2.1)             | (4.9)              |
| Decrease in 100 bps in the reference rates | 2.2               | 5.2                |
| 10% increase in the discontinuance rates   | (1.3)             | (8.6)              |
| 10% decrease in the discontinuance rates   | 1.4               | 9.1                |
| 10% increase in mortality/ morbidity rates | (1.0)             | (5.4)              |
| 10% decrease in mortality/ morbidity rates | 1.0               | 5.5                |
| 10% increase in acquisition expenses       | Nil               | (9.2)              |
| 10% decrease in acquisition expenses       | Nil               | 9.2                |
| 10% increase in maintenance expenses       | (1.0)             | (3.5)              |
| 10% decrease in maintenance expenses       | 1.0               | 3.5                |
| Tax rates increased to 25%                 | (4.6)             | (7.9)              |



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## **Economic assumptions underlying EV**

| Tenor (years) | Reference Rates   |                   |                  |  |
|---------------|-------------------|-------------------|------------------|--|
|               | March 31,<br>2017 | March 31,<br>2018 | June 30,<br>2018 |  |
| 1             | 6.35%             | 6.57%             | 7.13%            |  |
| 5             | 7.78%             | 8.21%             | 8.69%            |  |
| 10            | 8.02%             | 8.31%             | 8.46%            |  |
| 15            | 8.03%             | 8.11%             | 8.31%            |  |
| 20            | 8.03%             | 7.97%             | 8.27%            |  |
| 25            | 8.03%             | 7.91%             | 8.26%            |  |
| 30            | 8.03%             | 7.88%             | 8.26%            |  |



#### Glossary

- Annualized Premium Equivalent (APE) Annualized Premium Equivalent (APE) is the sum of annualized first year premiums on regular premium policies, and ten percent of single premiums, from both individual and group customers
- Assets under management (AUM) AUM refers to the carrying value of investments managed by the company and includes loans against policies and net current assets pertaining to investments
- Embedded Value (EV) Embedded Value (EV) represents the present value of shareholders' interests in the earnings distributable from the assets allocated to the business after sufficient allowance for the aggregate risks in the business
- Embedded Value Operating Profit (EVOP) Embedded Value Operating Profit (EVOP) is a measure of the increase in the EV during any given period due to matters that can be influenced by management
- **Retail Weighted Received Premium (RWRP)** Premiums actually received by the insurers under individual products and weighted at the rate of ten percent for single premiums
- **Total weighted received premium (TWRP)** Measure of premiums received on both retail and group products and is the sum of first year and renewal premiums on regular premium policies and ten percent of single premiums received during any given period
- Persistency Ratio Persistency ratio is the percentage of policies that have not lapsed and is expressed as 13th month, 49th month persistency etc. depicting the persistency level at 13th month (2nd year) and 49th month (5th year) respectively, after issuance of contract



#### Safe harbor

Except for the historical information contained herein, statements in this release which contain words or phrases such as 'will', 'would', 'indicating', 'expected to' etc., and similar expressions or variations of such expressions constitute 'forward-looking statements'. These forward-looking mav statements involve a number of risks, uncertainties and other factors that could cause actual results to differ materially from those suggested by the forward-looking statements. These risks and uncertainties include, but are not limited to our ability to successfully implement our strategy, our growth and expansion in business, the impact of any acquisitions, technological implementation and changes, the actual growth in demand for insurance products and services, investment income, cash flow projections, our exposure to market risks, policies and actions of regulatory authorities; impact of competition; experience with regard to mortality and morbidity trends, lapse rates and policy renewal rates; the impact of changes in capital, solvency or accounting standards, tax and other legislations and regulations in the jurisdictions as well as other risks detailed in the reports filed by ICICI Bank Limited, our holding company, with the United States Securities and Exchange Commission. ICICI Prudential Life Insurance undertakes no obligation to update forward-looking statements to reflect events or circumstances after the date thereof. **FICICI PRUDENTIAL** 

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# Thank you

