

**Presentation Material** 

# Consolidated Financial Results for the Three Months Ended June 30, 2017 and Sony Life's MCEV as of June 30, 2017

Sony Financial Holdings Inc. August 9, 2017

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\*Unless otherwise indicated, in these materials figures less than the indicated unit have been truncated, while ratios and percentage changes have been rounded. Also, a "-" is used where percentage changes exceed 1,000% and in cases where one or both comparisons are negative.

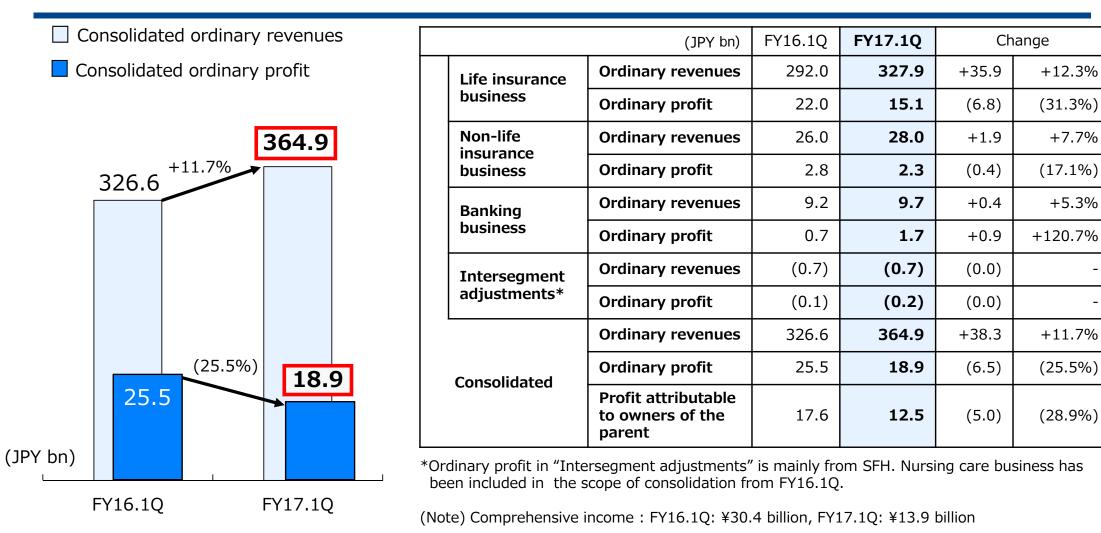
\* "Lifeplanner" is a registered trademark of Sony Life.



## Consolidated Operating Results for the Three Months Ended June 30, 2017 (FY17.1Q)

## Highlights of Consolidated Operating Performance (1)





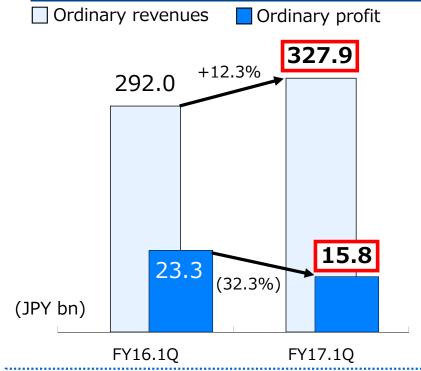
(JPY bn)		Mar. 17	Jun. 17	Change from Mar. 17	
Consolidated	Net assets	601.1	591.2	(9.9)	(1.7%)
consolidated	Total assets	11,471.8	11,806.8	+334.9	+2.9%



- Life Insurance Business : Ordinary revenues increased year on year, due to an improvement of investment performance in the separate account following a recovery in the financial market conditions. Investment gains were recorded in FY17.1Q compared with investment losses in FY16.1Q. Ordinary profit decreased year on year due to a deterioration in net gains/losses on derivative transactions to hedge market risks for available-for-sale securities and lower gains on sale of securities in the general account.
- Non-life Insurance Business: Ordinary revenues expanded year on year, owing mainly to an increase in net premiums written for mainstay automobile insurance. Ordinary profit decreased year on year due primarily to lower gains on sale of securities.
- Banking Business : Ordinary revenues increased year on year due to an increase in interest income on loans in line with a favorably growing balance of mortgage loans. Ordinary profit increased year on year, due to a decrease in operating expenses, especially in advertising expenses for the card loan business.
- Consolidated ordinary revenues increased 11.7% year on year, to ¥364.9 billion, owing to increases in ordinary revenues from all the businesses: life insurance, non-life insurance and banking businesses. Consolidated ordinary profit decreased 25.5% year on year, to ¥18.9 billion. By business segment, ordinary profit from the life insurance and the non-life insurance businesses decreased, whereas ordinary profit from the banking business increased. Profit attributable to owners of the parent was down 28.9% year on year, to ¥12.5 billion due to the decrease in consolidated ordinary profit.

## Highlights of Operating Performance: Sony Life (Non-consolidated)





- Ordinary revenues increased but ordinary profit decreased year on year.
- Income from insurance premiums was flat year on year due to a decrease in sales of single premium whole life insurance although policy amount in force increased steadily.
- Investment income increased due to an improvement of investment performance in the separate account following a recovery in the financial market conditions. Investment gains were recorded in FY17.1Q compared with investment losses in FY16.1Q.
- Ordinary profit decreased, due to a deterioration in net gains/losses on derivative transactions to hedge market risks for available-for-sale securities and lower gains on sale of securities in the general account.

				<i></i>	1
	(JPY bn)	FY16.1Q	FY17.1Q	Ch	ange
0	dinary revenues	292.0	327.9	+35.9	+12.3%
	Income from insurance premiums	241.1	241.1	+0.0	+0.0%
	Investment income	46.8	83.1	+36.2	+77.5%
	Interest income and dividends		38.8	+2.8	+8.0%
	Income from money held in trust, net	1.1	1.1	+0.0	+0.9%
	Gains on sale of securities	0.9	0.0	(0.9)	(100.0%)
	Gains on derivatives, net	8.8	-	(8.8)	(100.0%)
	Gains on separate accounts, net	-	43.0	+43.0	-
0	Ordinary expenses		312.1	+43.4	+16.2%
	Insurance claims and other payments	85.6	96.7	+11.1	+13.0%
	Provision for policy reserves and others	93.9	165.5	+71.6	+76.2%
	Investment expenses	48.7	8.9	(39.8)	(81.7%)
	Losses on derivatives, net	-	7.0	+7.0	-
	Losses on separate accounts, net	43.9	-	(43.9)	(100.0%)
	Operating expenses	33.7	33.2	(0.4)	(1.3%)
0	dinary profit	23.3	15.8	(7.5)	(32.3%)
N	et income	16.6	10.1	(6.5)	(39.1%)
	(JPY bn)	Mar. 17	Jun. 17	Change fr	om Mar. 17
Se	curities	8,093.1	8,247.7	+154.5	+1.9%
Рс	Policy reserves		8,095.5	+165.5	+2.1%
N	et assets	473.5	461.5	(11.9)	(2.5%)
	Net unrealized gains on other securities		128.7	+0.9	+0.8%
Тс	tal assets	8,873.6	9,071.9	+198.2	+2.2%
	Separate account assets	989.6	1,046.9	+57.3	+5.8%

## **Overview of Operating Performance: Sony Life (Non-consolidated)**



(JPY bn)	FY16.1Q	FY17.1Q	Change	
New policy amount	1,260.0	1,115.8	(11.4%)	
Lapse and surrender amount	479.8	451.5	(5.9%)	
Lapse and surrender rate	1.11%	1.00%	(0.11pt)	
Policy amount in force	43,634.2	45,771.5	+4.9%	
Annualized premiums from new policies	20.5	16.1	(21.2%)	←
Of which, third-sector products	4.1	3.1	(25.9%)	
Annualized premiums from insurance in force	790.8	826.9	+4.6%	
Of which, third-sector products	182.2	188.7	+3.6%	

#### <Reasons for changes>

- Decreased due mainly to lower sales of family income insurance and term life insurance despite favorable sales of U.S. dollardenominated insurance.
- Decreased due mainly to lower sales of living benefit insurance and endowment insurance despite favorable sales of U.S. dollar-denominated insurance.

Notes:

1. Figures for new policy amount, lapse and surrender amount, lapse and surrender rate, policy amount in force, annualized premiums from new policies and annualized premiums from insurance in force are calculated as the total of individual life insurance and individual annuities.

2. The lapse and surrender rate shows the ratio derived by dividing the amount of lapses and surrenders, not adjusted for policy amount decreases, increases, and reinstatements, by the policy amount in force at the beginning of the fiscal year.

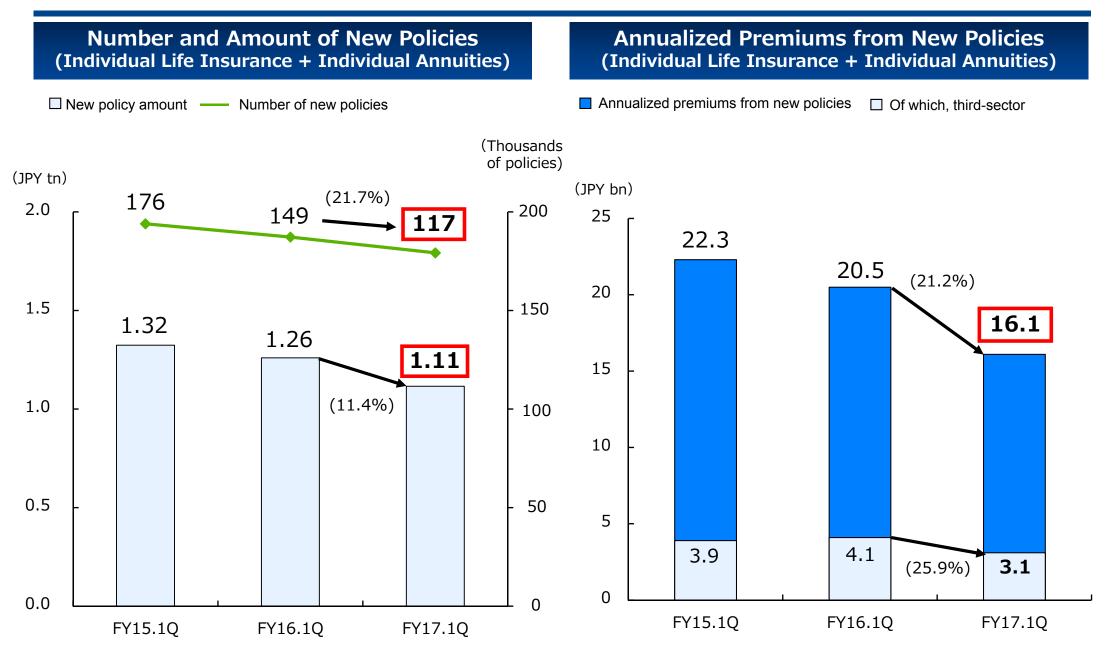
(JPY bn)	FY16.1Q	FY17.1Q	Change
Gains from investment, net (General account)	41.9	311	(25.9%)
Core profit	14.0	249	+77.7%
Positive spread	3.2	45	+40.6%
			Change
			Change

	Mar. 17	Jun. 17	Change from Mar. 17
Non-consolidated solvency margin ratio	2,568.8%	2,620.4%	+51.6pt

Increased due to a decline in the provision of policy reserves for minimum guarantees for variable life insurance led by a recovery in the financial market conditions.

## **Operating Performance : Sony Life (Non-consolidated) (1)**





## **Operating Performance : Sony Life (Non-consolidated) (2)**

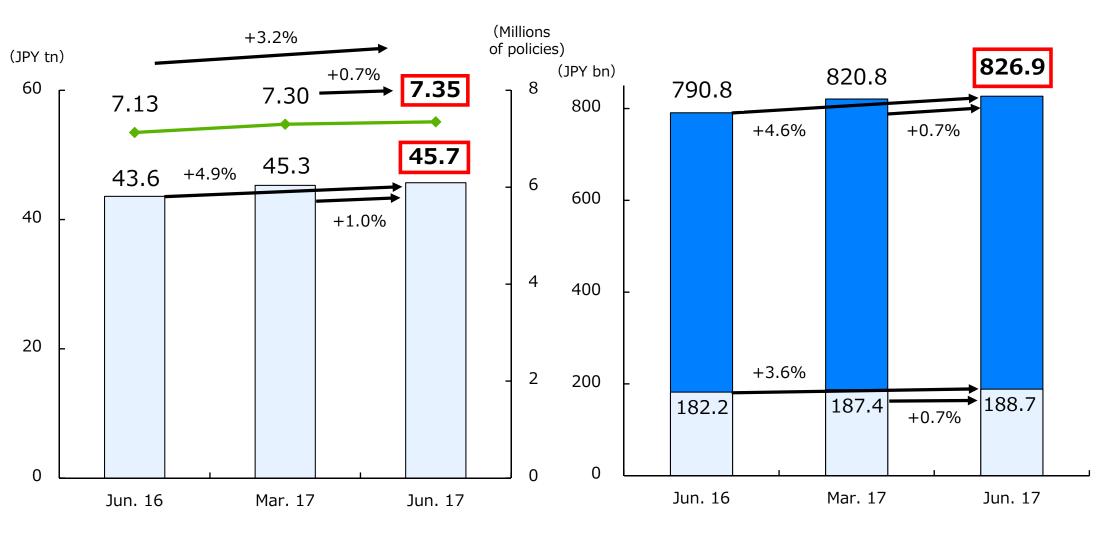
Policy amount in force — Number of policies in force



#### Number and Amount of Policies in Force (Individual Life Insurance + Individual Annuities)

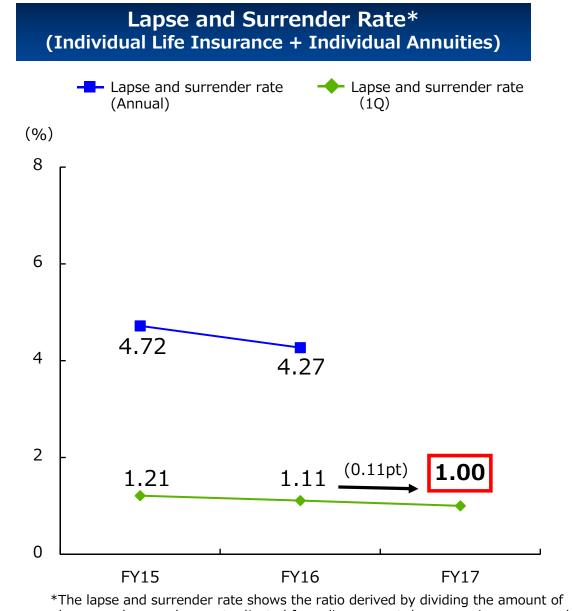
#### Annualized Premiums from Insurance in Force (Individual Life Insurance + Individual Annuities)

 $\square$  Annualized premiums from insurance in force  $\square$  Of which, third-sector



## Operating Performance : Sony Life (Non-consolidated) (3)





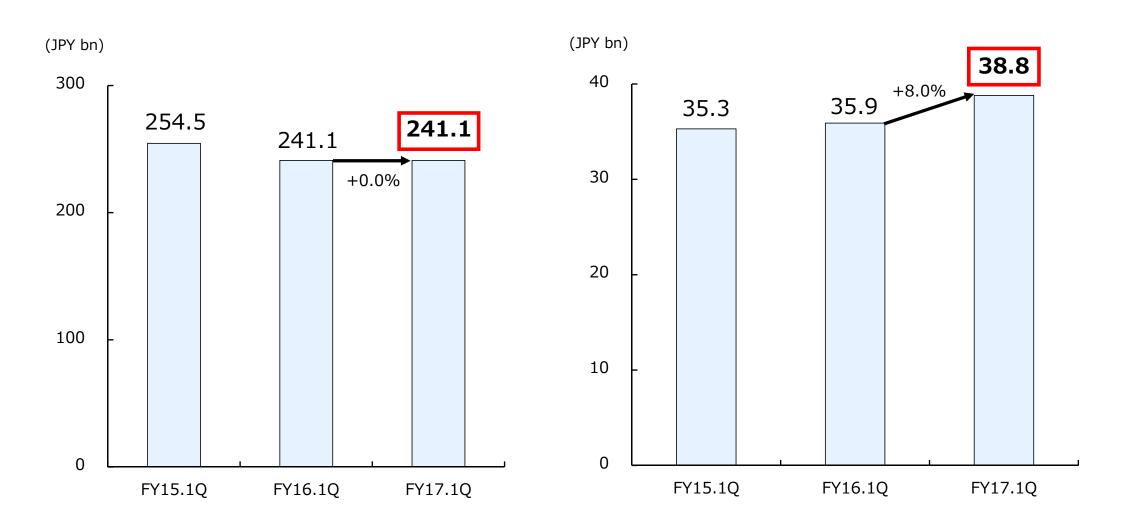
lapses and surrenders, not adjusted for policy amount decreases, increases, and reinstatements, by the policy amount in force at the beginning of the fiscal year.

## Operating Performance : Sony Life (Non-consolidated) (4)



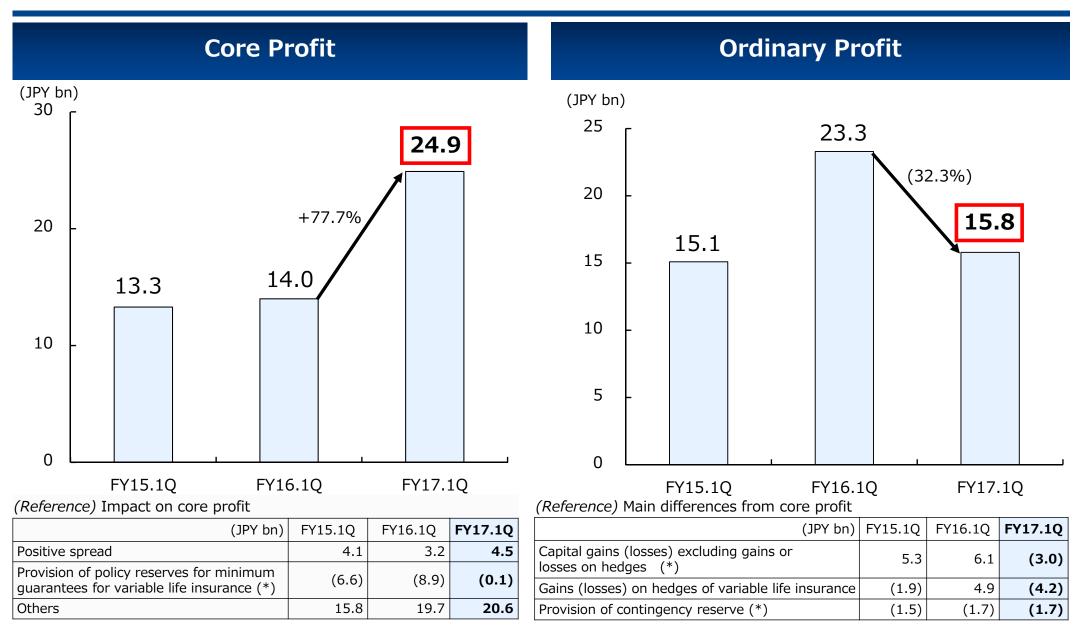


**Interest Income and Dividends** 



## **Operating Performance : Sony Life (Non-consolidated) (5)**

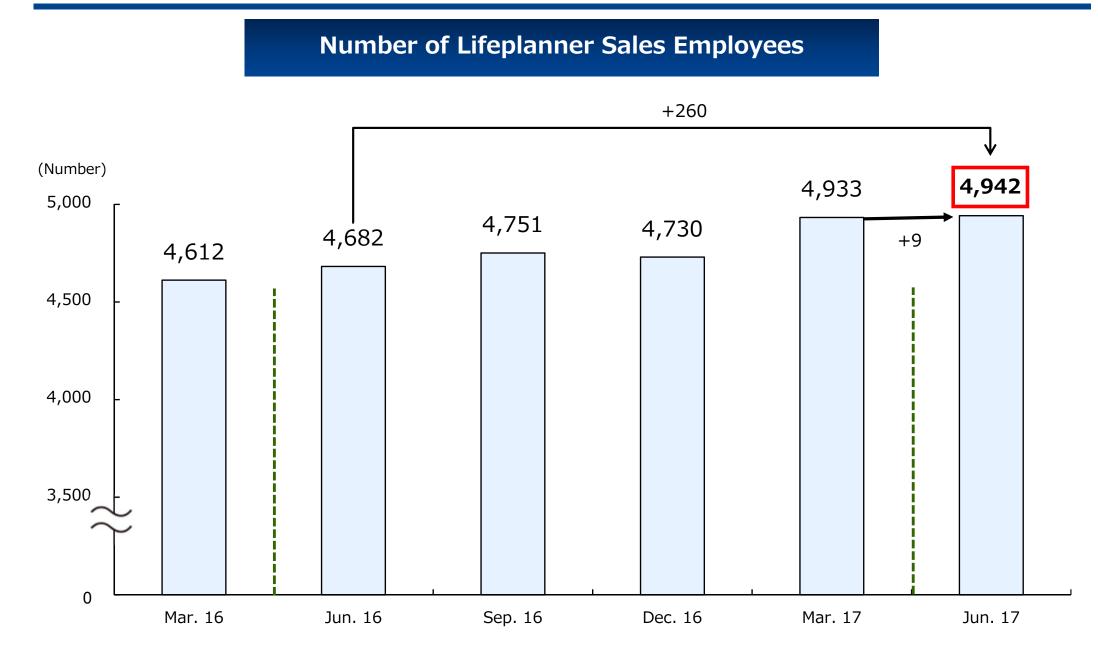




\*"Provision of policy reserves for minimum guarantees for variable life insurance" and "Provision of contingency reserve" are described as negative amount. Capital gains (losses) exclude gains or losses on hedges of variable life insurance.

## **Operating Performance : Sony Life (Non-consolidated) (6)**





## Operating Performance : Sony Life (Non-consolidated) (7)

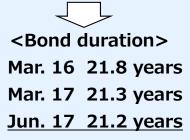


## **Breakdown of General Account Assets**

	Mar. 17		Jun.	17
(JPY bn)	Amount	%	Amount	%
Japanese bonds (including JGBs)	6,828.7	86.6%	6,909.2	86.1%
Japanese stocks	37.6	0.5%	33.5	0.4%
Foreign bonds	274.3	3.5%	300.2	3.7%
Foreign stocks	31.5	0.4%	32.4	0.4%
Money held in trust	273.8	3.5%	271.0	3.4%
Policy loans	180.3	2.3%	181.2	2.3%
Real estate*	117.5	1.5%	117.1	1.5%
Cash and call loans	40.8	0.5%	60.2	0.8%
Others	99.1	1.3%	120.0	1.5%
Total	7,884.0	100.0%	8,024.9	100.0%

#### <Asset management review>

We have continued to accumulate ultralong-term bonds to match the liability characteristics of insurance policies with long-term maturities with the aim of reducing interest rate risk.



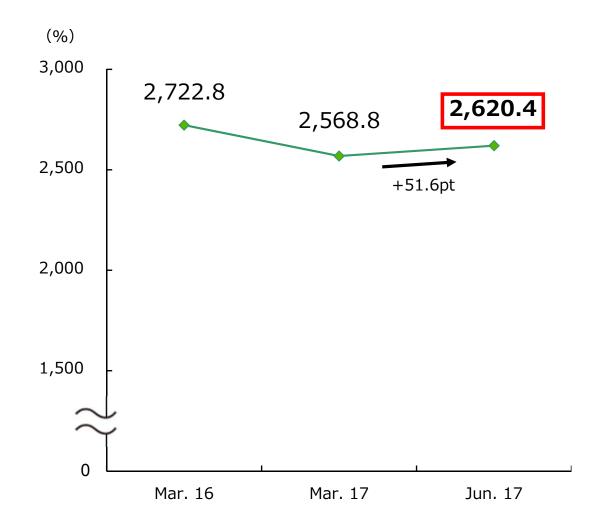
Investment in the money held in trust is mainly into Japanese bonds.

■ The holding ratio on the real status of Japanese bonds including those invested in money held in trust in the general account : Jun. 17 • • • 89.5% (Mar. 17 • • • 90.1%)

\*Real estate is the total of land, buildings, and construction in progress.



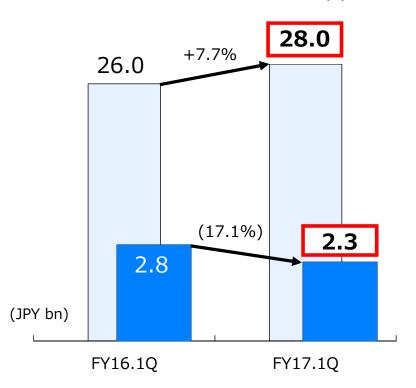
## Non-consolidated Solvency Margin Ratio



## **Highlights of Operating Performance: Sony Assurance**



] Ordinary revenues 📘 Ordinary profit



(JPY bn)		FY16.1Q	FY17.1Q	Change	
Ordinary revenues		26.0	28.0	+1.9	+7.7%
	Underwriting income	25.0	27.5	+2.5	+10.0%
	Investment income	0.9	0.4	(0.5)	(53.0%)
Ordinary expenses		23.1	25.6	+2.4	+10.7%
	Underwriting expenses	17.0	19.0	+1.9	+11.6%
	Operating general and administrative expenses	6.1	6.6	+0.5	+8.5%
Ordinary profit		2.8	2.3	(0.4)	(17.1%)
Net income		2.0	1.6	(0.3)	(17.5%)

- Ordinary revenues increased but ordinary profit decreased year on year.
- Ordinary revenues expanded owing mainly to an increase in net premium written for mainstay automobile insurance.
- Ordinary profit decreased due primarily to lower gains on sale of securities.

(JPY bn)	Mar. 17	Jun. 17	Change from Mar. 17	
Underwriting reserves	106.1	110.3	+4.1	+3.9%
Net assets	29.4	29.2	(0.1)	(0.5%)
Total assets	186.5	188.6	+2.1	+1.2%

## **Overview of Operating Performance: Sony Assurance**



(JPY bn)	FY16.1Q	FY17.1Q	Change	<reasons changes="" for=""></reasons>
Direct premiums written	24.7	27.2	+10.0%	Increased mainly in its mainstay
Net premiums written	25.0	27.5	+10.0%	automobile insurance.
Net losses paid	11.7	12.1	+3.8%	
Underwriting profit	1.8	1.9	+1.0%	
Net loss ratio	54.1%	50.8%	(3.3pt)	Declined due to a proper control
Net expense ratio	26.2%	25.9%	(0.3pt)	<ul> <li>on overall operating expenses.</li> </ul>
Combined ratio	80.3%	76.7%	(3.6pt)	

Notes:

Net loss ratio = (Net losses paid + Loss adjustment expenses ) / Net premiums written Net expense ratio = Expenses related to underwriting / Net premiums written

	FY16.1Q	FY17.1Q	Change	
E. I. loss ratio	59.0%	58.6%	(0.4pt)	<ul> <li>Declined due to a persistently low car accident ratio in</li> </ul>
E. I. loss ratio + Net expense ratio	85.2%	84.5%	(0.7pt)	automobile insurance.

Notes:

E.I. loss ratio = (Net losses paid + Provision for reserve for outstanding losses + Loss adjustment expenses) / Earned premiums [Earthquake insurance and compulsory automobile liability insurance are excluded from the above calculation.]

	Mar. 17	Jun. 17	Change from	n Mar. 17
Number of policies in force	1.89 mn	1.95 mn	+0.06 mn	+3.5%
Non-consolidated solvency margin ratio	730.8%	767.6%	+36.8pt	

Note: The number of policies in force is the total of automobile insurance and medical insurance policies.

## Sony Assurance's Underwriting Performance by Type of Policy



#### **Direct Premiums Written**

(JPY mn)	FY16.1Q	FY17.1Q	Change
Fire	62	52	(15.4%)
Marine	_	-	-
Personal accident	2,190	2,178	(0.6%)
Voluntary automobile	22,533	25,029	+11.1%
Compulsory automobile liability	_	-	_
Total	24,785	27,260	+10.0%

#### **Net Premiums Written**

(JPY mn)	FY16.1Q	FY17.1Q	Change
Fire	6	4	(40.6%)
Marine	(1)	(0)	_
Personal accident	2,281	2,229	(2.3%)
Voluntary automobile	22,468	24,969	+11.1%
Compulsory automobile liability	293	352	+20.4%
Total	25,048	27,556	+10.0%

#### Net losses paid

(JPY mn)	FY16.1Q	FY17.1Q	Change
Fire	0	0	+43.3%
Marine	(12)	2	_
Personal accident	609	645	+5.9%
Voluntary automobile	10,813	11,219	+3.8%
Compulsory automobile liability	324	311	(3.7%)
Total	11,734	12,180	+3.8%

\*Medical insurance is included in personal accident.

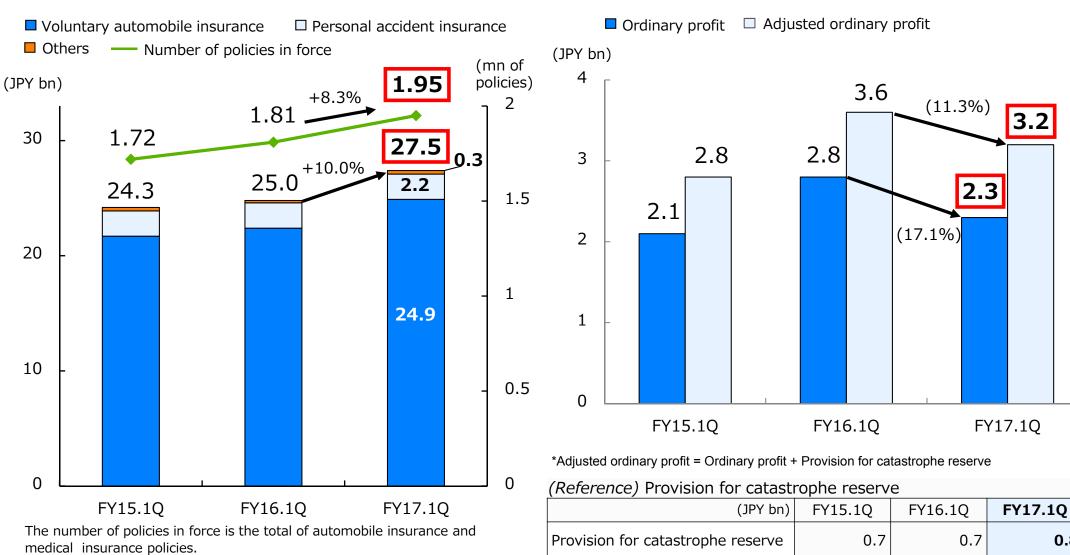
## **Operating Performance:** Sony Assurance (1)



### **Net Premiums Written and Number of Policies in Force**

**Ordinary Profit and Adjusted Ordinary Profit** 

\*Provision for catastrophe reserve is described as positive amount.



Most of personal accident insurance is medical insurance.

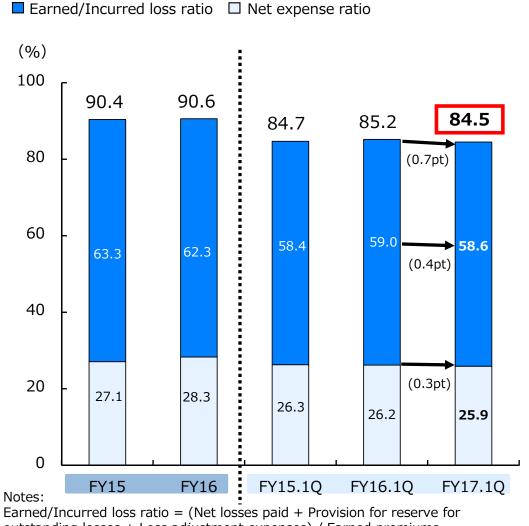
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## **Operating Performance: Sony Assurance (2)**



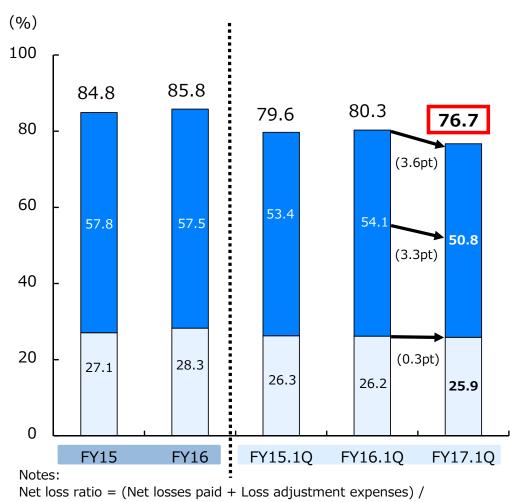
### Earned/Incurred Loss Ratio + Net Expense Ratio



outstanding losses + Loss adjustment expenses) / Earned premiums [Earthquake insurance and compulsory automobile liability insurance are excluded from the above calculation.]

#### (Reference) Combined Ratio (Net Loss Ratio+ Net Expense Ratio)

■ Net loss ratio ■ Net expense ratio



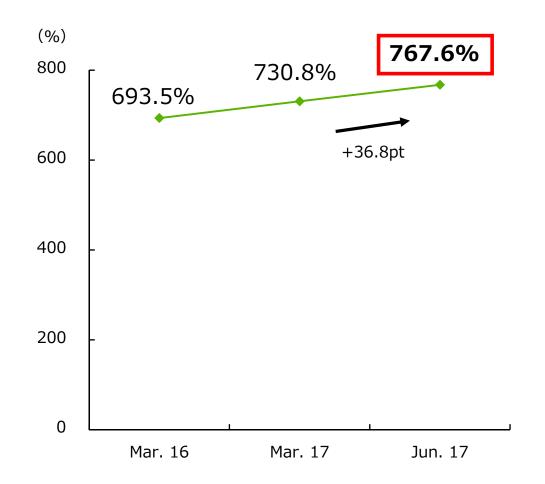
Net premiums written

Net expense ratio = Expenses related to underwriting / Net premiums written

## **Operating Performance: Sony Assurance (3)**

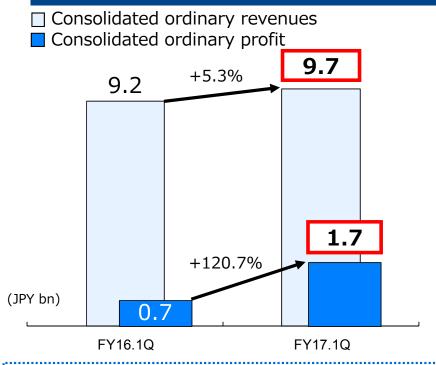


Non-consolidated Solvency Margin Ratio



## Highlights of Operating Performance: Sony Bank (Consolidated/Non-consolidated)





#### <Consolidated>

Ordinary revenues increased due to an increase in interest income on loans in line with a favorably growing balance of mortgage loans. Ordinary profit increased due to a decrease in operating expenses, especially in advertising expenses for the card loan business.

#### <Non-consolidated>

- $\blacklozenge$  Both gross operating profit and net operating profit increased.
- Net interest income increased due to an increase in interest income on loans and interest income and dividends on securities.
- Net fees and commissions decreased due mainly to lower fees and commissions on mortgage loans.
- Net other operating income increased due to an increase in gains on sales of bonds.

FY16.1Q	FY17.1Q	Change	
9.2	9.7	+0.4 +5.3	
0.7	1.7	+0.9	+120.7%
0.5	1.1	+0.6	+125.0%
-			
FY16.1Q	FY17.1Q	Cha	ange
8.4	8.8	+0.4	+5.1%
5.0	5.3	+0.3	+6.5%
4.1	4.9	+0.7	+18.2%
(0.1)	(0.7)	(0.5)	_
1.0	1.1	+0.1	+12.9%
4.2	3.8	(0.4)	(9.9%)
0.7	1.5	+0.7	+98.5%
0.7	1.5	+0.8	+116.5%
0.4	1.0	+0.5	+117.3%
Mar. 17	Jun. 17		ge from r. 17
81.3	81.1	(0.2)	(0.3%)
4.7	5.0	+0.2	+5.1%
2,424.2	2,552.3	+128.1	+5.3%
	9.2 0.7 0.5 FY16.1Q 8.4 5.0 4.1 (0.1) 1.0 4.2 0.7 0.7 0.7 0.7 0.7 0.4 Mar. 17 81.3 4.7	9.2       9.7         0.7       1.7         0.5       1.1         0.5       1.1         FY16.1Q       FY17.1Q         8.4       8.8         5.0       5.3         4.1       4.9         (0.1)       (0.7)         1.0       1.1         4.1       4.9         (0.1)       (0.7)         1.0       1.1         4.2       3.8         0.7       1.5         0.7       1.5         0.7       1.5         0.7       1.5         0.7       1.5         0.4       1.0         Mar. 17       Jun. 17         81.3       81.1         4.7       5.0	9.2       9.7       +0.4         0.7       1.7       +0.9         0.5       1.1       +0.6         FY16.1Q       FY17.1Q       Chara         8.4       8.8       +0.4         5.0       5.3       +0.3         4.1       4.9       +0.7         (0.1)       (0.7)       (0.5)         1.0       1.1       +0.1         4.2       3.8       (0.4)         0.7       1.5       +0.7         0.1       +0.5       +0.8         0.4       1.0       +0.5         Mar. 17       Jun. 17       Chang Ma         81.3       81.1       (0.2)         4.7       5.0       +0.2



	(JPY bn)	Jun. 16	Mar. 17	Jun. 17		je from <sup>-</sup> . 17	
Cı	ustomer assets	2,013.6	2,227.1	2,263.0	+35.9	+1.6%	
	Deposits	1,908.1	2,112.9	2,147.8	+34.8	+1.7%	
	Yen	1,580.6	1,764.9	1,794.3	+29.4	+1.7%	
	Foreign currencies	327.4	348.0	353.5	+5.4	+1.6%	
	Investment trusts	105.4	114.1	115.1	+1.0	+0.9%	
Lc	bans	1,395.6	1,539.6	1,552.0	+12.4	+0.8%	
	Mortgage loans	1,289.3	1,452.4	1,467.0	+14.5	+1.0%	$] \setminus$
	Card loans	13.2	18.0	18.5	+0.4	+2.6%	
	Others	93.0	69.0	<b>66.4</b> <sup>*1</sup>	(2.5)	(3.7)	
Ca	on-consolidated apital adequacy ratio <sup>*2</sup> lomestic criteria)	9.90%	9.75%	9.37%	(0.3	38pt)	

#### <Reasons for changes>

- Increased due mainly to an increase in newly accumulated funds via the increased number of accounts, as well as the conversion from foreign currencies backed by yen depreciation.
- Increased due to a favorable exchange rate even after the negative impact of the conversion from foreign currencies into yen led by a shift in the trend from yen appreciation to yen depreciation.
- Rose due to a steady increase in mortgage loans, despite a leveling off in demand for refinancing these loans.

\*1 Loans in others include corporate loans of ¥66.4 billion

\*2 Please refer to the graph of the non-consolidated capital adequacy ratio (domestic criteria) on page 26. Capital adequacy ratios has been calculated by applying fundamental internal rating based approach (FIRB) from March 31, 2017.

## **Overview of Operating Performance: Sony Bank (Non-consolidated) (2)**



#### <*Reference*> On Managerial Accounting Basis

	(JPY bn)	FY16.1Q	FY17.1Q	Change	
Gr	ross operating profit	5.0	5.3	<b>3</b> +0.3 +6.6%	
	Net interest income <sup>*1</sup> ①	4.7	5.5	+0.8	+16.9%
1	Net fees and commissions <sup>*2</sup> ②	(0.0)	(0.6)	(0.5)	—
1	Net other operating income <sup>*3</sup>	0.2	0.4	+0.1	+38.4%
	ross operating profit (core profit) a) = (1 + 2)	4.7	4.9	+0.2	+4.6%
-	perating expenses and other (penses ③	4.2	3.8	(0.4)	(9.9%)
	et operating profit (core profit) = $(A) - 3$	0.4	1.0	+0.6	+143.6%

#### Managerial accounting basis

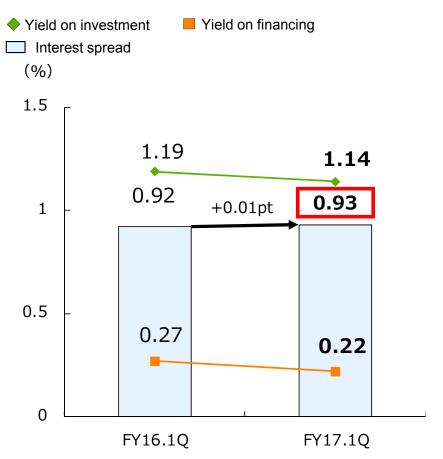
The following adjustments are made to the figures on a financial account for profits and losses more appropriately.

- \*1: Net interest income: Includes profits and losses associated with fund investment recorded in net other operating income, including gains or losses from currency swap transactions.
- \*2: Net fees and commissions: Includes profits and losses for customer dealings in foreign currency transactions recorded in net other operating income.
- \*3: Net other operating income: After the above adjustments (\*1 and \*2), mainly consists of profits and losses for bond and derivative dealing transactions.

#### ■ Core profit

Profits and losses exclude net other operating income, which includes those on bond and derivative dealing transactions, and stands for Sony Bank's basic profits.

### <Reference> Interest Spread (Managerial Accounting Basis)



Note: Interest spread=(Yield on investment)-(Yield on financing)

## Operating Performance: Sony Bank (Non-consolidated) (1)

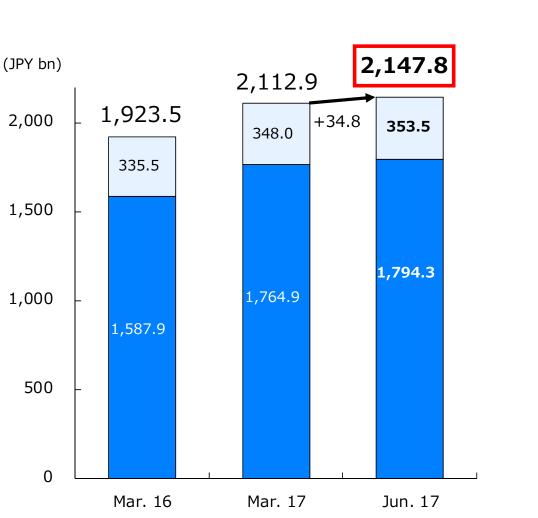


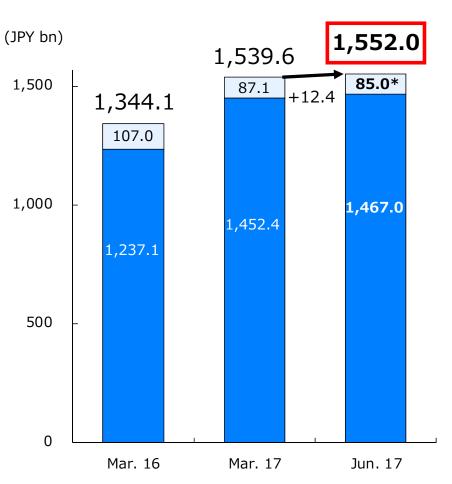
## Deposits

■ Yen Deposits □ Foreign currency deposits

■ Mortgage loans □ Others

Loans

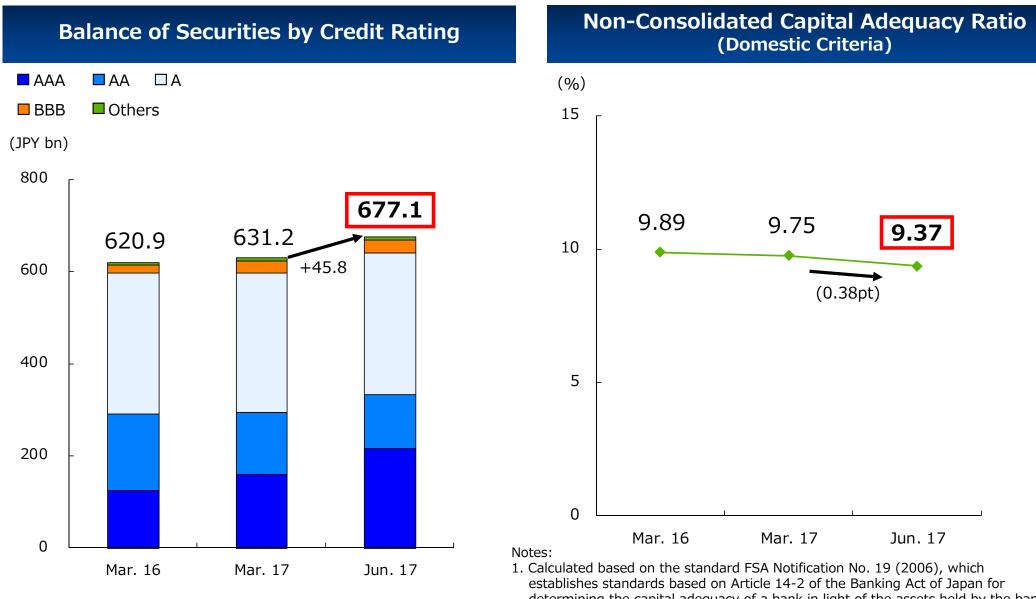




\*Corporate loans of ¥66.4 billion. Card loans of ¥18.5 billion.

## Operating Performance: Sony Bank (Non-consolidated) (2)





determining the capital adequacy of a bank in light of the assets held by the bank.2. Capital adequacy ratios has been calculated by applying fundamental internal rating based approach (FIRB) from March 31, 2017.



# Forecast of Consolidated Financial Results for the Fiscal Year Ending March 31, 2018 (FY17)

## **Forecast of Consolidated Financial Results for FY17**



Forecast of consolidated financial results for FY17 is unchanged from the forecast announced on April 28, 2017						
(JPY bn)	FY16 (Actual)	FY17 (Forecast)	Changes		FY17.1Q (3M Actual)	Progress rate
Consolidated ordinary revenues	1,381.6	1,430.0	+3.5%		364.9	25.5%
<u>Life insurance business</u> <u>Non-life insurance business</u> <u>Banking business</u>	1,243.9 102.3 38.5	1,276.1 108.9 40.6	+2.6% +6.4% +5.4%		327.9 28.0 9.7	25.7% 25.8% 24.0%
Consolidated ordinary profit	66.3	67.0	+1.0%		18.9	28.4%
<u>Life insurance business</u> <u>Non-life insurance business</u> <u>Banking business</u>	56.8 5.0 5.0	56.4 4.6 6.6	(0.7%) (8.0%) +30.6%		15.1 2.3 1.7	26.9% 51.6% 25.8%
Profit attributable to owners of the parent	41.6	42.0	+0.9%		12.5	29.9%

#### <Segment information for ordinary revenues and ordinary profit>

#### ■ Life insurance business

In FY17.1Q (3M), ordinary revenues exceeded our initial expectations, as an improved market environment prompted an increase in investment income in the separate account.

Ordinary profit exceeded our initial expectations due to a period shift in operating expenses, despite a deterioration in net gains/losses on derivative transactions to hedge market risks for available-for-sale securities and lower gains on sale of securities in the general account. We maintain our forecast for the full year, taking into consideration the business environment from FY17.2Q onward.

#### ■ Non-life insurance business

In FY17.1Q (3M), ordinary revenues were essentially in line with our expectations. Ordinary profit exceeded our expectations at the start of the period, as the loss ratio was lower than expected.

We maintain our forecast for the full year, as we believe revenue trends will need to be monitored from FY17.2Q onward.

#### Banking business

In FY17.1Q (3M), ordinary revenues and ordinary profit were essentially in line with our expectations, so we maintain our full-year forecasts.



# Sony Life's MCEV and ESR as of June 30, 2017

A part of the calculations of MCEV adopted simplified method for that as of June 30, 2017. Please keep in mind that the validity of these calculations has not been verified by outside specialists.

\*In this part, figures, ratios and percentages changes have been rounded.

## Sony Life's MCEV



	(JPY bn)	Mar. 17	Jun. 17	Change from Mar. 17
M	ICEV	1,441.1	1,478.2	+37.2
	Adjusted net worth	1,657.7	1,624.2	(33.5)
	Value of existing business	(216.7)	(146.0)	+70.6
	(JPY bn)	FY16.4Q (3M)	FY17.1Q (3M)	
N	ew business value	14.1	12.2	
N	ew business margin	3.8%	4.6%	

Notes:

- 1. Calculated MCEV as of June 30, 2017 by using updated economic assumptions and lapse and surrender rate from March 31, 2017.
- 2. New business value is calculated accumulating new business value for each month based on economic assumptions at the end of each month.

## Reasons for changes in MCEV

• MCEV as of June 30, 2017 increased ¥37.2 billion form March 31, 2017, due to an acquisition of new policies and a rise in interest rates in Japanese yen.

## New business value/ New business margin

- New business value for FY17.1Q(3M) was ¥12.2 billion, down ¥1.9 billion form FY16.4Q(3M), due to lower acquisition of new policies.
- New business margin for FY17.1Q(3M) was up 0.7pt from FY16.4Q(3M), due mainly to a change in product mix.

\*Please refer to the appendix page 46 for trend on JGB yields.

## Sony Life's ESR



(JPY bn)	Mar. 17	Jun. 17
Insurance risk*	937.5	933.6
Market-related risk	405.1	349.3
Of which, interest rate risk**	308.9	263.1
Operational risk	28.1	28.1
Counter party risk	1.9	2.5
Variance effect	(392.0)	(372.2)
The risk amount based on economic value	980.6	941.3

(\* ) Risk amount excluding the variance effect within Life module and Health module.

(\*\*) Risk amount excluding the variance effect within market-related risk.

(JPY bn)	Mar. 17	Jun. 17
MCEV + Frictional costs	1,476.6	1,505.1
ESR	151%	160%

Notes:

1. The risk amount based on economic value refers to the total amount of Sony Life's risks comprehensively examined by a market consistent approach, including insurance risk and market-related risk.

2. The solvency risk capital on an economic value basis is calibrated at VaR (99.5) over one year and based on the internal model, which is a similar but modified model based on the EU Solvency II standard method.

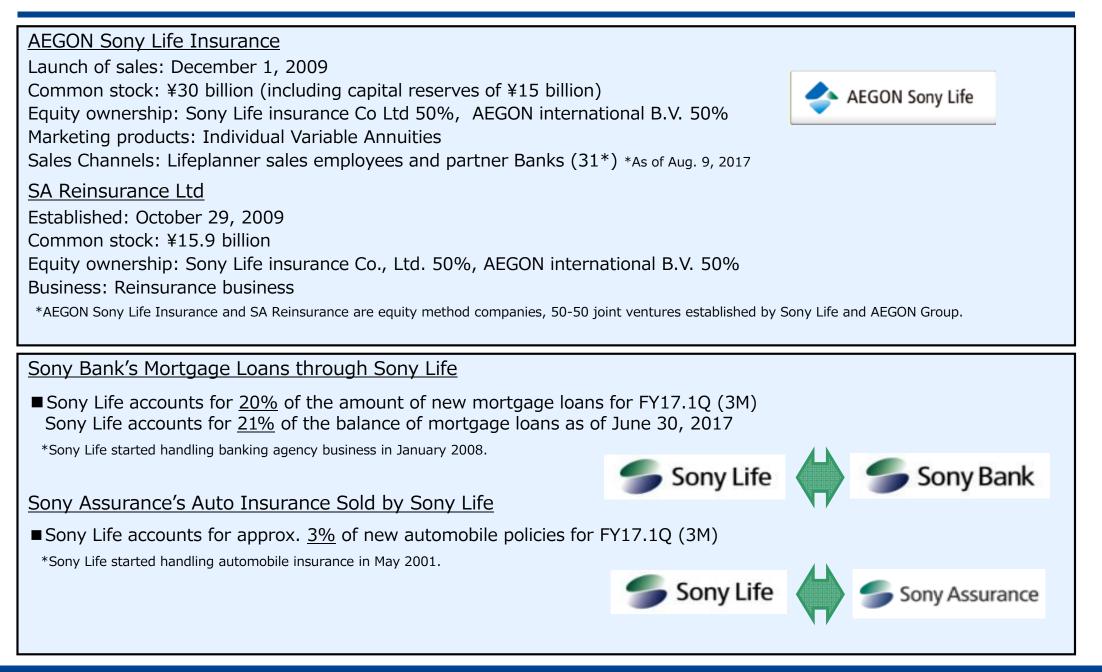
3. ESR=(MCEV + Frictional costs) / Risk amount based on economic value.

The risk amount based on economic value as of June 30, 2017 amounted to ¥941.3 billion, down ¥39.2 billion from March 31, 2017, due mainly to a revision in the risk factors of market-related risk. (Please refer to page 44)
 ESR as of June 30, 2017 was 160%, up 9pt from March 31, 2017.



# Appendix





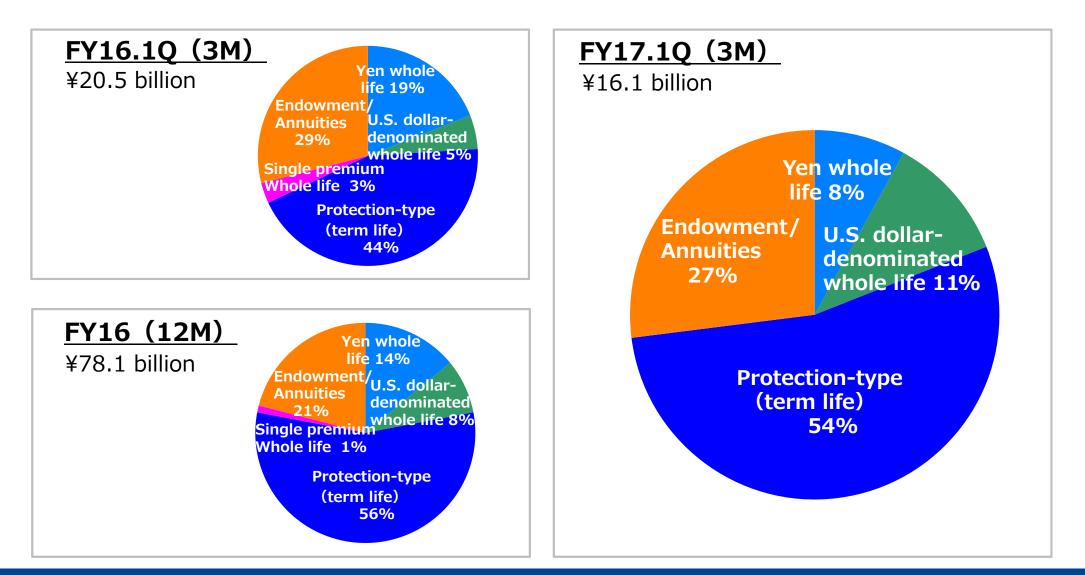


## <Highlights on and after FY17.1Q>

Sony Life commenced sale of new product: "Living Benefit Decreasing Term Life Insurance (Living Standard Type / Non-Participating Type)"
Sony Life upgraded "Quick Claims Payment Service" by changing credit limit of claim payment from ¥5 million to ¥10 million.
Sony Bank began offering a simulation tool that suggests ways to save money for asset management customers.
SFH announced an introduction of restricted stock compensation plan and changes in terms and conditions of stock acquisition rights as stock-type compensation stock options
Sony Lifecare Group opened its second newly built nursing care home "SONARE Urawa" in Saitama Prefecture
Sony Bank announced to relocate its "Housing Loan Plaza" to Ginza CONSULTING PLAZA on Sep. 1, 2017.
Sony Bank changed its President, Representative Director
SFH, Sony Life , Sony Assurance and Sony Bank has formulated and disclosed "Customer-First Business Operation Policy"
Sony Life announced to set up a local subsidiary in Singapore and establish a joint venture with Starts Securities Co., Ltd.
Sony Life began providing Web policy guides and agreements
Sony Lifecare converted Yuuai Holdigns Co., Ltd. to a wholly owned subsidiary (Yuuai Holding changed its corporate name to Proud Life Inc. on Aug. 1, 2017)
Sony Bank began providing cloudfunding platform "Sony Bank GATE"

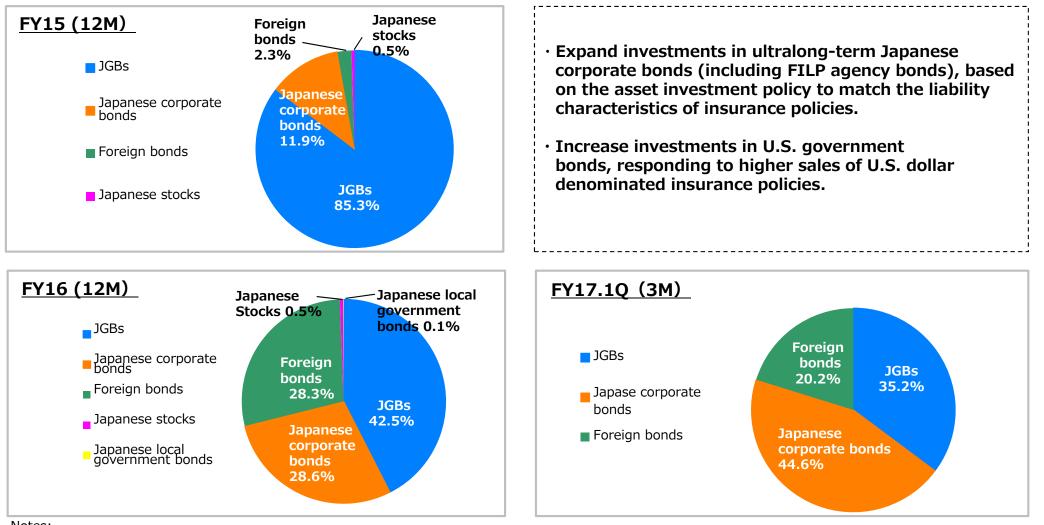


Annualized Premiums from New Policies by Product





#### Diversify Asset Management under the Negative Interest Rate Environment (purchase securities in the general account)



- Notes:
- 1. Japanese corporate bonds include FILP agency bonds and Government-guaranteed bonds.
- 2. The graphs above are asset allocation for the relevant period. Total invested amount for the relevant period as 100%. (excluding, investment in subsidiaries and affiliates, and strategic investments)

# Sony Life: Fair Value Information on Securities (General Account Assets)



## **Fair Value Information on Securities**

## Fair value information on securities with market value (except trading-purpose securities)

Mar. 16		Mar. 17			Jun. 17				
(JPY bn)	Carrying amount	Fair value	Net unrealized	Carrying amount	Fair value	Net unrealized	Carrying amount	Fair value	Net unrealized
Held-to-maturity securities	5,383.9	7,410.1	2,026.2	6,068.6	7,514.2	1,445.5	6,164.4	7,577.5	1,413.1
Policy reserve matching bonds	251.2	292.5	41.3	277.3	303.3	25.9	291.5	316.7	25.1
Available-for-sale securities	887.9	1,091.6	203.6	896.5	1,069.9	173.3	893.6	1,067.8	174.2
Japanese bonds (including JGBs)	854.3	1,040.3	186.0	852.6	1,013.3	160.7	847.3	1,004.9	157.6
Japanese stocks	13.6	25.6	12.0	13.6	27.0	13.3	13.6	29.1	15.4
Foreign securities	19.8	25.2	5.4	30.0	29.1	(0.8)	32.4	33.4	0.9
Other securities	0.1	0.3	0.1	0.1	0.3	0.1	0.1	0.3	0.1
Total	6,523.1	8,794.3	2,271.1	7,242.5	8,887.5	1,644.9	7,349.6	8,962.1	1,612.5

Note: The above table includes money held in trust other than trading-purpose securities.

## Valuation gains (losses) on trading-purpose securities

(JPY bn)

Mar. 16		Mar	: 17	Jun. 17		
Balance sheet amount	Net valuation gains (losses) recorded in income	Balance sheet amount	Net valuation gains (losses) recorded in income	Balance sheet amount	Net valuation gains (losses) recorded in income	
2.2	0.1	2.0	(0.1)	-	(0.0)	

Note: The above chart includes trading-purpose securities included in "money held in trust", etc



(JPY mn)	FY16.1Q	FY17.1Q	Change
Cash and deposits	0		(100.0%)
Japanese bonds (including JGBs)	29,862	30,865	+3.4%
Japanese stocks	62	66	+5.2%
Foreign securities	1,698	3,434	+102.2%
Other securities	25	7	(71.8%)
Loans	1,572	1,627	+3.5%
Real estate	2,703	2,719	+0.6%
Others	23	96	+307.5%
Total	35,948	38,817	+8.0%

# Sony Life's Capital Gains/Losses



		FY	′16		FY17	
(JPY mn)	1Q (3M)	2Q (6M)	3Q (9M)	4Q (12M)	1Q (3M)	
Capital gains	14,501	11,796	25,628	16,114	124	
Income from money held in trust, net	·	- '	- '		]	
Income from trading securities, net	7	49	103	134	11	Total of gains on sale of
Gains on sale of securities	917	1,301	1,306	1,308	0	securities and foreign exchange gains on sale of foreign bonds:
Gains on derivatives, net	8,821	4,577	_	-		FY17.1Q: ¥0 million
Gains on hedges of variable life insurance	4,955	1,042	-	-	-	FY16.1Q: ¥2,599 million.
Gains on hedges of available-for-sale securities	3,021	1,386	-	-	-	
Foreign exchange gains, net	-	-	24,218	14,670	49	
Gains (losses) on sale of foreign bonds	-	-	2,375	2,375	- '	
Other capital gains	4,754	5,868	-	· _ '	63	
Capital losses	3,407	5,688	39,882	32,276	7,441	
Losses on money held in trust, net	-	-	_	-		
Losses on trading securities, net	-	-	-	-	-	
Losses on sale of securities	-	_	_	_	-	
Devaluation losses on securities	-	_	_	-'	_	
Losses on derivatives, net	-	_	34,275	30,050	7,015	
Losses on hedges of variable life insurance	-	· - '	14,292	15,666	-	
Losses on hedges of available-for-sale securities	-	- '	2,265	2,460	1,713	
Foreign exchange losses, net	3,139	5,023	-	-	-	
Losses on sale of foreign bonds*	(1,681)	(2,375)	-	-		* (losses) represents positive figur
Other capital losses	267	665	5,606	2,226	426	
Net capital gains (losses)	11,094	6,108	(14,253)	(16,162)	(7,316)	

Notes on Sony Life's Capital Gains/Losses are disclosed in page 40.



(Note1)

 Foreign exchange gains, net for FY17.1Q (3M) include foreign exchange losses of ¥242 million relating to U.S. dollar-denominated insurance. Losses on derivatives, net include foreign exchange losses relating to U.S. dollar-denominated insurance of ¥515 million. Moreover, other capital losses include the reversal of policy reserves for U.S. dollar-denominated insurance of ¥63 million relating to foreign exchange fluctuation.

(Note 2)

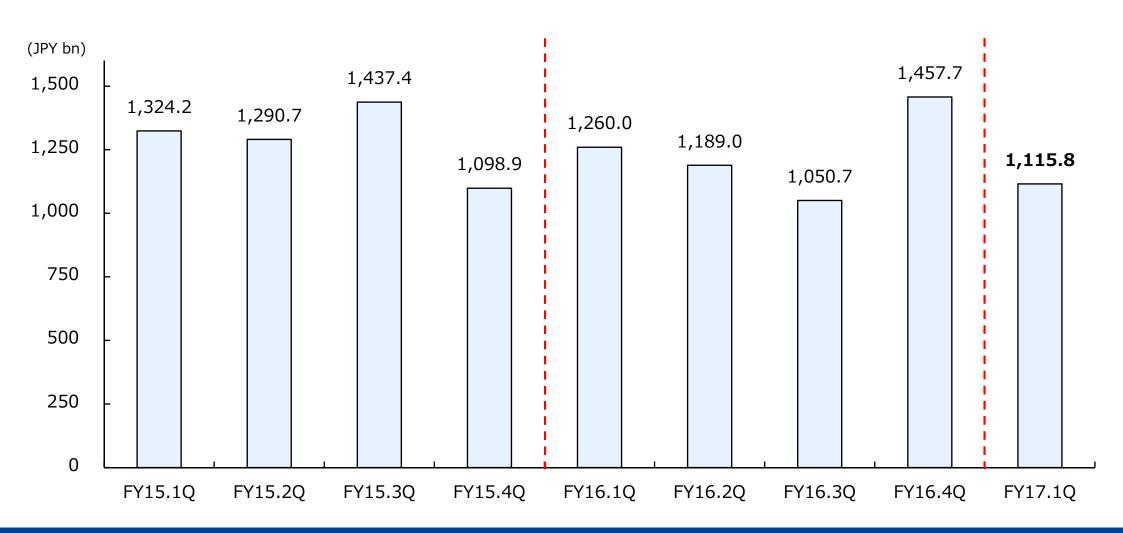
- Foreign exchange losses, net for FY16.1Q (3M) include foreign exchange losses of ¥4,280 million relating to U.S. dollar-denominated insurance. Moreover, other capital gains include the reversal of policy reserves for U.S. dollar-denominated insurance of ¥4,754 million relating to foreign exchange fluctuation.
- Foreign exchange losses, net for FY16.2Q (6M) include foreign exchange losses of ¥6,720 million relating to U.S. dollar-denominated insurance. Gains on derivatives, net include foreign exchange gains relating to U.S. dollar-denominated insurance of ¥1,337 million. Moreover, other capital gains include the reversal of policy reserves for U.S. dollar-denominated insurance of ¥5,868 million relating to foreign exchange fluctuation.
- Foreign exchange gains, net for FY16.3Q (9M) include foreign exchange gains of ¥21,805 million relating to U.S. dollar-denominated insurance. Losses on derivatives, net include foreign exchange losses relating to U.S. dollar-denominated insurance of ¥17,445 million. Moreover, other capital losses include the provision of policy reserves for U.S. dollar-denominated insurance of ¥4,941 million relating to foreign exchange fluctuation.
- Foreign exchange gains, net for FY16.4Q (12M) include foreign exchange gains of ¥12,389 million relating to U.S. dollar-denominated insurance. Losses on derivatives, net include foreign exchange losses relating to U.S. dollar-denominated insurance of ¥12,010 million. Moreover, other capital losses include the provision of policy reserves for U.S. dollar-denominated insurance of ¥1,560 million relating to foreign exchange fluctuation.

(Note3)

• The figures of income (losses) from money held in trust, net, income (losses) from trading securities, net, gains (losses) on derivatives and foreign exchange gains (losses), net were recorded after offsetting gains and losses of each item.

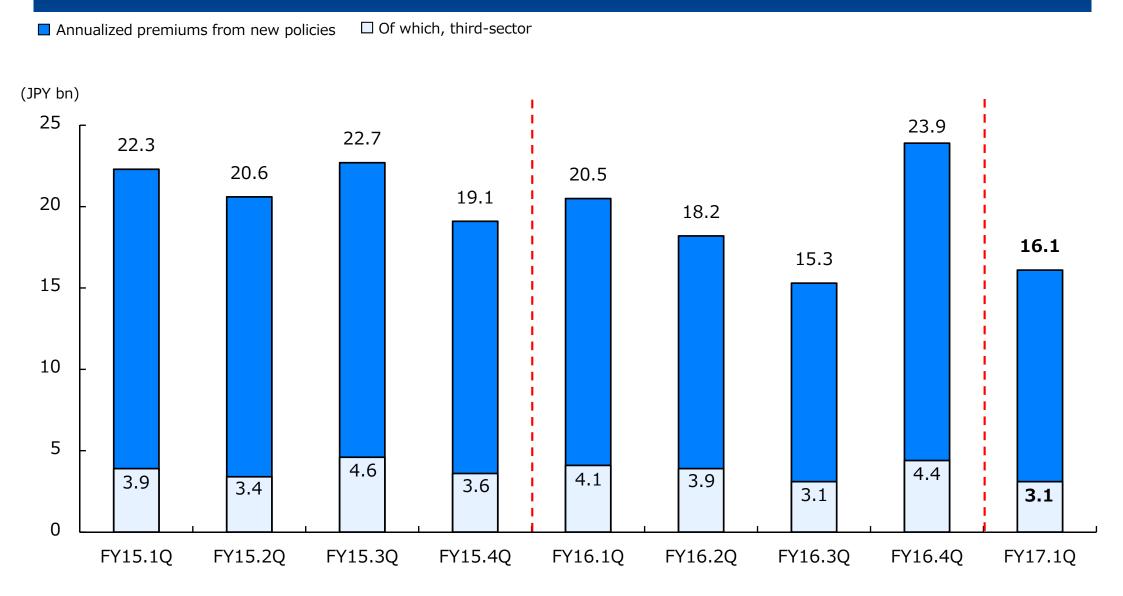


**Quarterly Trend on New Policy Amount** 

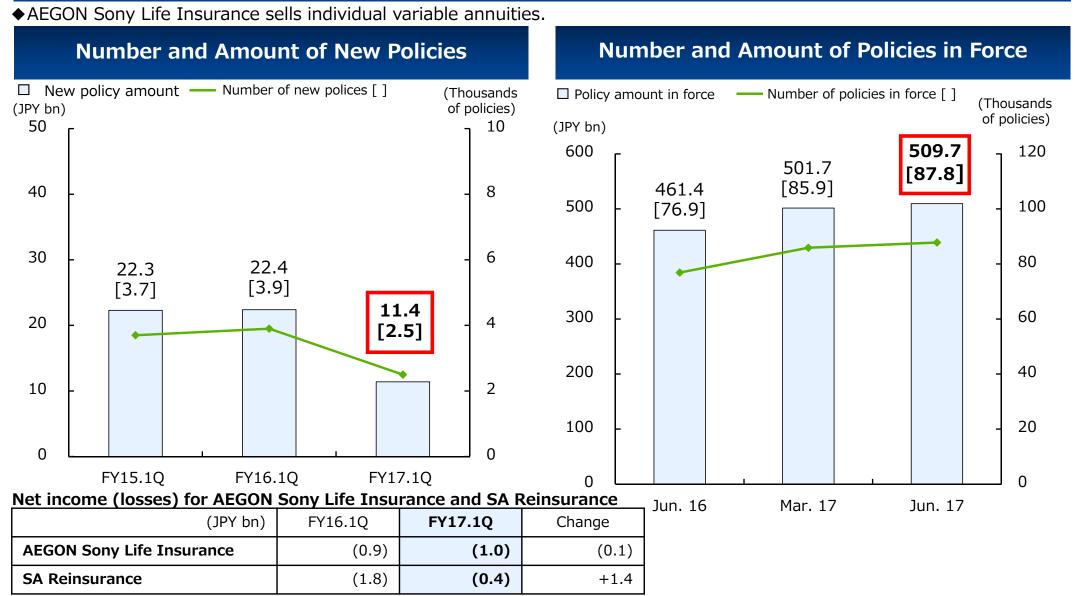




## Quarterly Trend on Annualized Premiums from New Policies







AEGON Sony Life Insurance and SA Reinsurance are equity method companies, 50-50 joint venture established by Sony Life and AEGON Group. SA Reinsurance prepares its financial statements in accordance with U.S. GAAP. 50% of the net income (losses) for AEGON Sony Life Insurance and SA Reinsurance are recognized as investment profit (losses) on equity method in the SFH's consolidated net income.

# Method of Measuring Risk Amount Based on Economic Value (1)



#### Market-related Risk<sup>\*1</sup>

	Sony Life	(Reference) EU Solvency II Implementing Measures (Delegated Regulation)
Interest rate risk Fluctuations in net asset value based on economic value in response to the shocks in the right columns. The same applies below.	Percentage increases or decreases differ for each currency and term. As for measuring interest rate risk in Japanese yen, introduced principal component analysis, where yield curve changes are disaggregated into three components, parallel shift, twist and butterfly, and the yield curve is shocked by each component. (Example) For Yen 30-year, 64% decrease (parallel shift), 19% decrease (twist), 4% decrease (butterfly)	Different percentage changes in interest rates are set for each term, from one year to 20 years. For terms longer than 20 years and through 90 years, percentage changes are set using linear interpolation, with negative 29% as the percentage change for 20 years and negative 20% as the percentage change for 90 years
Equity risk	Listed equities 45%, Other securities 70%	Global 39%, Others 49% *2
Real estate risk	Actual real estate 25%	Same as on the left
Credit risk	Credit risk = (market value) x (risk coefficient for each credit rating) x duration Note that durations have caps and floors, depending on credit ratings. (Example) Rating A: Risk coefficient (1.4%), cap (23), floor (1)	Credit risk = (market value) x (risk coefficient for each credit rating and duration) (Example) Rating A: Duration (Dur): 5-10 years Risk coefficient=7.0% + 0.7% x (Dur – 5)
Currency risk	35% downside fluctuation	25% downside fluctuation

#### Revision in the risk factors of market-related risk

• In FY17.1Q, we partially revised the risk factors of market-related risk.

 Regarding interest rate risk in Japanese yen, the rate of change in interest rates for 40 years or less was updated based on recent market data, and the rate of change in interest rates beyond 40 years was revised, taking into account such factors as ICS<sup>(\*3)</sup> deliberations. The main result was a decrease in interest rate risk compared with March 31, 2017, due mainly to a decrease in the rate of change in Japanese yen beyond 40 years.

#### Notes

\* 1. Principal items as of June 30, 2017.

\* 2. Symmetric adjustment (an adjustment of ±10% of the average value of the stock price index during a defined period in the past) is applied.

\*3. Capital requirements for internationally active insurance groups (IAIGs) being formulated by the International Association of Insurance Supervisors (IAIS).



## Insurance Risk\*1

	Sony Life	(Reference) EU Solvency II Implementing Measures (Delegated Regulation)		
Mortality risk	Mortality rate increases by 15% for each year elapsed	Same as on the left		
Longevity risk	Mortality rate decreases by 20% for each year elapsed	Same as on the left		
Lapse risk	The largest amount of these; *2	The largest amount of these;		
	<ul> <li>Lapse rate increases by 50% for each year elapsed</li> <li>Lapse rate decreases by 50% for each year elapsed</li> </ul>	<ul> <li>Increases by 50% in the assumed rates of lapsation for Life module, 50% for Health module</li> </ul>		
	30% of policies on which surrender value is in excess of best estimate liability are immediately	<ul> <li>Decreases by 50% in the assumed rates of lapsation for Life module, 50% for Health module</li> </ul>		
	surrendered	<ul> <li>40% of policies (70% for group annuities, etc.) on which surrender value is in excess of best estimate liability are immediately surrendered</li> </ul>		
Expense risk	Operating expenses increase by 10% for each year elapsed Rate of inflation rises by 1%	Same as on the left		
Disability risk	Rate of occurrence increases by 35% in the first fiscal year, rising by 25% for each year thereafter	Rate of occurrence increases by 35% in the first fiscal year, rising by 25% for each year thereafter. Recovery rate decreases by 20%.		

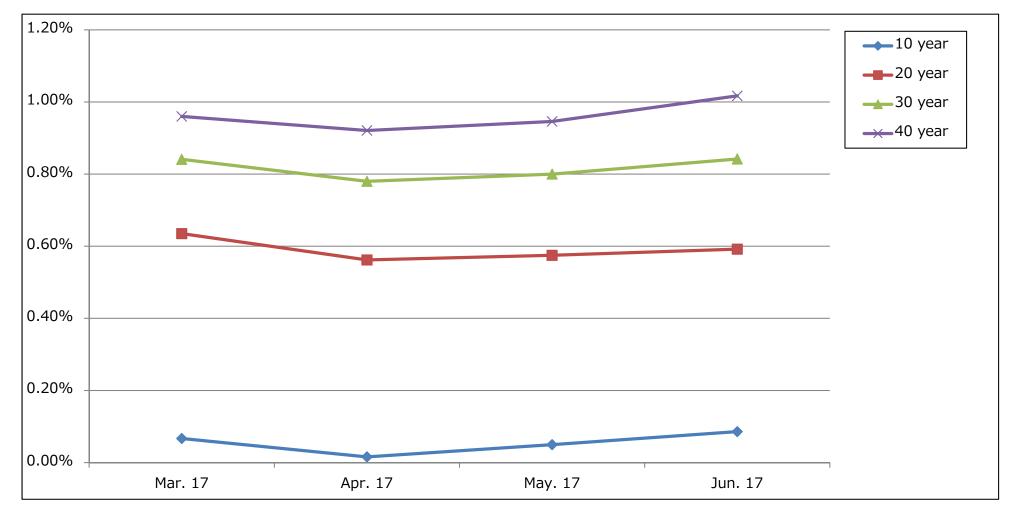
Notes

\* 1. Principal items as of June 30, 2017.

\*2. At Sony Life, lapse risk is calculated by computing and adding together the largest amount of three options for each insurance policy.

## Trend on JGB Yields (Par rate)

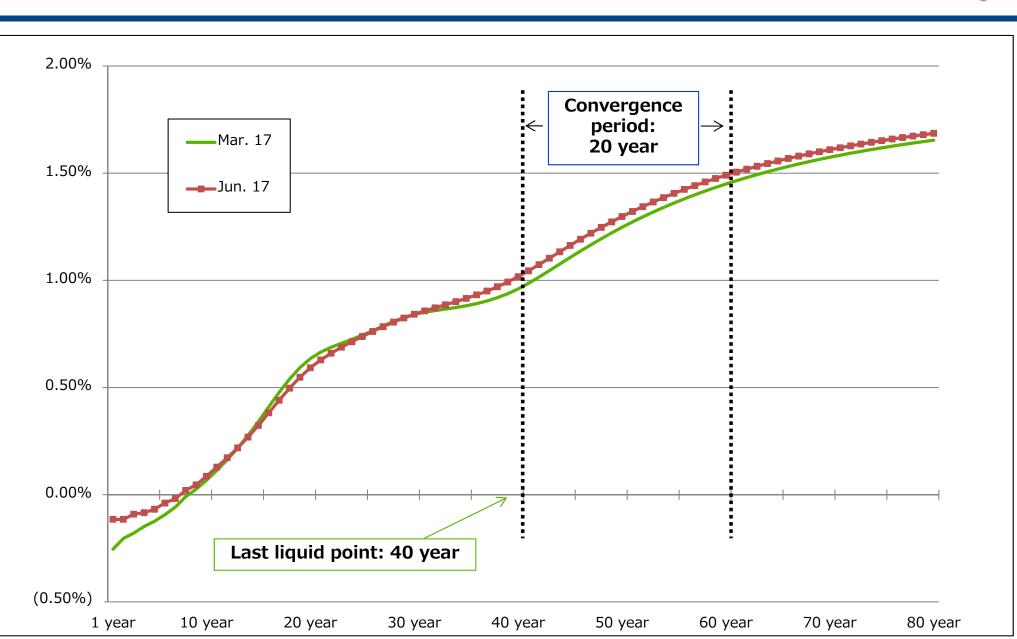




As of the end o	of each month
-----------------	---------------

	Mar. 17	Apr. 17	May 17	Jun. 17
10 year	0.07%	0.02%	0.05%	0.09%
20 year	0.64%	0.56%	0.58%	0.59%
30 year	0.84%	0.78%	0.80%	0.84%
40 year	0.96%	0.92%	0.95%	1.02%

# Trend on Risk-free Rate (Japanese yen/ Par rate)



\*For above risk-free rate, we employ the Smith-Wilson method for extrapolation so that the 60-year forward rate will coverage on the UFR (3.5%).







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