MIZUHO FINANCIAL GROUP INC Form 6-K January 30, 2017 Table of Contents

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

### FORM 6-K

#### REPORT OF FOREIGN PRIVATE ISSUER

PURSUANT TO RULE 13a-16 OR 15d-16

#### UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of January 2017

Commission File Number 001-33098

## Mizuho Financial Group, Inc.

(Translation of registrant s name into English)

5-5, Otemachi 1-chome

Chiyoda-ku, Tokyo 100-8176

Japan

(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F. Form 20-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934. Yes No

If Yes is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b):82-

#### **SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: January 30, 2017

Mizuho Financial Group, Inc.

By: /s/ Koichi Iida Name: Koichi Iida

Title: Managing Executive Officer / Group CFO

#### **Table of Contents**

The following is the English translation of excerpt regarding the Basel Pillar 3 disclosures and the relevant information from our Japanese language disclosure material published in January 2017.

The Japanese regulatory disclosure requirements are fulfilled with the Basel Pillar 3 disclosures and Japanese GAAP is applied to the relevant financial information.

In this report, we, us, and our refer to Mizuho Financial Group, Inc. and, unless the context indicates otherwise, its consolidated subsidiaries. Mizuho Financial Group refers to Mizuho Financial Group, Inc.

#### **Status of Capital Adequacy**

Status of Major Liquid Assets

Capital adequacy requirement highlights	2
Capital adequacy ratio	
Risk weighted assets	3
Status of Mizuho Financial Group s consolidated capital adequacy	4
Scope of consolidation  (1) Scope of consolidation for calculating consolidated capital adequacy ratio	4
Composition of capital  (2) Composition of capital, etc.	5
Risk-based capital  (3) Required capital by portfolio classification	15
Credit risk  (4) Credit risk exposure, etc.	16
Methods for credit risk mitigation  (5) Credit risk mitigation by portfolio classification	30
Counterparty risk in derivatives transactions and long-settlement transactions  (6) Status of counterparty risk in derivatives transactions and long-settlement transactions	31
Securitization exposure  (7) Quantitative disclosure items for securitization exposure	33
<u>Market ris</u> k	51
Equity exposure in banking book  (8) Status of equity exposure in banking book	53
Composition of Leverage Ratio Status of Sound Management of Liquidity Risk	55
Liquidity Coverage Ratio	56

Table of Contents 4

57

1

#### Capital adequacy requirement highlights

The Basel Framework, based on the International Convergence of Capital Measurement and Capital Standards: A Revised Framework issued by the Basel Committee on Banking Supervision, requires the disclosure of capital adequacy information to ensure the enhanced effectiveness of market discipline. Our disclosure is made under the Matters Separately Prescribed by the Commissioner of the Financial Services Agency Regarding Capital Adequacy Conditions, etc. pursuant to Article 19-2, Paragraph 1, Item 5, Subitem (d), etc. of the Ordinance for Enforcement of the Banking Law (Ministry of Finance Ordinance No. 10 of 1982) (the FSA Notice No. 7 of 2014.).

With respect to the calculation of capital adequacy ratio, we have applied the international standard and adopted (a) the advanced internal ratings-based approach as a method to calculate the amount of credit risk weighted assets and (b) the advanced measurement approach as a method to calculate the amount equivalent to the operational risk.

#### Capital adequacy ratio

#### (1) Summary of capital adequacy ratio

#### Mizuho Financial Group (Consolidated)

	As of Contombon 20, 2015	(Billions of yen) As of September 30, 2016
Total capital ratio (International standard)	As of September 30, 2015 15.40%	15.84%
•		
Tier 1 capital ratio	12.42%	12.94%
Common equity Tier 1 capital ratio	10.17%	10.98%
Total capital	9,596.1	9,767.8
Tier 1 capital	7,742.3	7,982.5
Common equity Tier 1 capital	6,338.8	6,769.3
	,	,
Risk weighted assets	62,309.2	61,648.4
Credit risk	57,249.5	56,576.9
Market risk	1,982.7	1,917.2
Operational risk	3,076.9	3,154.3
•		
Mizuho Bank (Consolidated)		

	As of September 30, 2015	(Billions of yen) As of September 30, 2016
Total capital ratio (International standard)	16.01%	16.01%
Tier 1 capital ratio	13.06%	13.22%
Common equity Tier 1 capital ratio	10.83%	11.02%
Total capital	9,097.2	9,012.1
Tier 1 capital	7,420.5	7,440.1
Common equity Tier 1 capital	6,151.9	6,202.3
Risk weighted assets	56,790.8	56,261.3
Credit risk	53,234.2	53,098.7
Market risk	1,420.2	878.1
Operational risk	2,136.3	2,284.4

(Billions of yen)

#### Mizuho Bank (Non-Consolidated)

		(Billions of yen)
	As of September 30, 2015	As of September 30, 2016
Total capital ratio (International standard)	16.06%	16.37%
Tier 1 capital ratio	12.93%	13.39%
Common equity Tier 1 capital ratio	10.65%	11.06%
Total capital	8,936.3	8,846.2
Tier 1 capital	7,196.8	7,238.5
Common equity Tier 1 capital	5,928.9	5,976.5
Risk weighted assets	55,639.4	54,032.8
Credit risk	52,363.8	51,520.2
Market risk	1,390.7	627.9
Operational risk	1,884.8	1,884.6
Mizuho Trust & Banking (Consolidated)		
	As of September 30, 2015	(Billions of yen) As of September 30, 2016
Total capital ratio (International standard)	21.13%	19.95%
Tier 1 capital ratio	19.10%	18.80%
Common equity Tier 1 capital ratio	19.10%	18.80%
Common equity Tier 1 capital ratio	19.00%	18.80%
Total capital	502.1	479.1
Tier 1 capital	453.8	451.6
Common equity Tier 1 capital	452.9	451.6
Risk weighted assets	2,376.1	2,401.3
Credit risk	2,111.3	2,125.7
Market risk	17.3	13.0
Operational risk	247.4	262.5
Mizuho Trust & Banking (Non-consolidated)		
		(D.W.)
	As of September 30, 2015	(Billions of yen) As of September 30, 2016
Total capital ratio (International standard)	21.22%	20.16%
Tier 1 capital ratio	19.18%	19.05%
Common equity Tier 1 capital ratio	19.18%	19.05%
Total capital	491.6	488.5
		161.6
Tier 1 capital	444.3	461.6
Common equity Tier 1 capital	444.3	461.6
Risk weighted assets	2,315.9	2,422.8
Credit risk	2,092.0	2,184.4
Market risk	15.8	11.3
Operational risk	208.1	227.1
Operational flox	200.1	221.1

2

Risk weighted assets

(1) Credit risk weighted assets by asset class and ratings segment

Mizuho Financial Group (Consolidated)

	As of September 30, 2015 Credit risk			(Billions of As of September 30, 2016 Credit risk		
	ELD	weighted	Risk	ELD	weighted	Risk
Internal ratings-based approach	EAD 192,002.1	assets 50,906.6	Weight(%) 26.51	EAD 184,252.0	assets 49,590.8	Weight(%) 26.91
internal ratings-based approach	192,002.1	30,900.0	20.51	104,232.0	49,390.0	20.91
Corporate, etc.	165,597.6	31,370.5	18.94	159,867.8	31,109.7	19.45
Corporate (except specialized lending)	77,672.1	28,057.1	36.12	74,556.7	28,326.4	37.99
Ratings A1-B2	55,685.6	14,407.0	25.87	52,669.8	14,471.9	27.47
Ratings C1-D3	19,911.7	11,987.8	60.20	19,719.8	11,915.4	60.42
Ratings E1-E2	1,025.6	1,302.8	127.02	1,155.8	1,577.9	136.51
Ratings E2R-H1	1,049.1	359.4	34.26	1,011.2	361.1	35.71
Sovereign	79,782.9	1,219.3	1.53	78,802.5	1,067.1	1.35
Ratings A1-B2	79,637.5	1,140.1	1.43	78,683.1	991.9	1.26
Ratings C1-D3	142.2	77.7	54.64	118.9	74.3	62.52
Ratings E1-E2	3.0	1.4	48.23	0.4	0.7	181.13
Ratings E2R-H1	0.1	0.0	62.90	0.0	0.0	62.70
Bank	7,920.2	1,830.6	23.11	6,358.3	1,557.8	24.50
Ratings A1-B2	7,108.0	1,386.9	19.51	5,814.0	1,225.7	21.08
Ratings C1-D3	804.5	433.1	53.83	537.4	320.5	59.63
Ratings E1-E2	4.2	9.6	224.78	4.1	10.7	258.09
Ratings E2R-H1	3.4	1.0	29.81	2.6	0.7	30.20
Specialized lending	222.2	263.3	118.48	150.2	158.1	105.31
Retail	13,192.5	5,058.4	38.34	12,530.7	4,726.6	37.72
Residential mortgage	10,027.3	3,362.9	33.54	9,562.8	3,195.3	33.41
Qualifying revolving loan	527.4	342.1	64.86	588.6	383.2	65.10
Other retail	2,637.6	1,353.3	51.31	2,379.3	1,148.0	48.25
Equities	4,951.9	7,921.2	159.96	4,359.0	7,386.0	169.44
PD/LGD approach	4,430.4	6,219.8	140.39	3,715.4	5,298.7	142.61
Market-based approach	521.5	1,701.4	326.22	643.6	2,087.2	324.29
Regarded-method exposure	2,015.1	4,335.6	215.15	1,871.5	4,223.2	225.65
Securitizations	3,583.9	288.4	8.05	3,439.9	269.6	7.83
Others	2,660.8	1,932.1	72.61	2,182.9	1,875.5	85.92
	,	ŕ		,	,	
Standardized approach	9,184.5	3,565.4	38.82	13,081.9	3,575.8	27.33
Summan and appround	>,10 He	0,00011	20.02	10,0010	0,07010	27.000
CVA risk	n.a.	2,555.1	n.a.	n.a.	3,188.2	n.a.
Central counterparty-related	n.a.	222.3	n.a.	n.a.	221.9	n.a.
Total	201,186.6	57,249.5	28.46	197,334.0	56,576.9	28.67

#### Notes:

<sup>1.</sup> Corporate does not include specialized lending exposure under supervisory slotting criteria.

2. Specialized lending is specialized lending exposure under supervisory slotting criteria. <Analysis>

Risk weighted assets decreased mainly by Equities.

The decrease of Equities is mainly due to sale of some stocks and decline of stock prices in our portfolio.

3

Status of Mizuho Financial Group s consolidated capital adequacy

Scope of consolidation

- (1) Scope of consolidation for calculating consolidated capital adequacy ratio
- (A) Difference from the companies included in the scope of consolidation based on consolidation rules for preparation of consolidated financial statements (the scope of accounting consolidation )

None as of September 30, 2015 and 2016.

(B) Number of consolidated subsidiaries

As of September 30, 2015 As of September 30, 2016 Consolidated subsidiaries 147 142

Our major consolidated subsidiaries (and their main businesses) are Mizuho Bank, Ltd. (banking business), Mizuho Trust & Banking Co., Ltd. (trust business and banking business) and Mizuho Securities Co., Ltd. (securities business).

(C) Corporations providing financial services for which Article 9 of the FSA Notice No. 20 is applicable

None as of September 30, 2015 and 2016.

(D) Companies that are in the bank holding company s corporate group but not included in the scope of accounting consolidation and companies that are not in the bank holding company s corporate group but included in the scope of accounting consolidation

None as of September 30, 2015 and 2016.

 $(E) \ Restrictions \ on \ transfer \ of \ funds \ or \ capital \ within \ the \ bank \ holding \ company \ \ s \ corporate \ group$ 

None as of September 30, 2015 and 2016.

(F) Names of any other financial institutions, etc., classified as subsidiaries or other members of the bank holding company that are deficient in regulatory capital

None as of September 30, 2015 and 2016.

4

#### Composition of capital

(2) Composition of capital, etc.

#### (A) Composition of capital disclosure

Composition of capital disclosure (International standard)

Basel III template			As of Septem	ber 30, 2015 Amounts excluded under transitional arrangements		Millions of yen) nber 30, 2016 Amounts excluded under transitional arrangements
Common equity Tier	1 capital: instruments and reserves	(1)				
1a+2-1c-26	Directly issued qualifying common share capital plus related stock surplus and retained earnings		6,128,579	/	6,730,792	/
1a	of which: capital and stock surplus		3,223,128	/	3,367,574	/
2	of which: retained earnings		3,004,162	/	3,463,490	/
1c	of which: treasury stock (-)		4,031	/	5,098	/
26	of which: national specific regulatory adjustments					
26	(earnings to be distributed) (-)		94,680	/	95,173	/
	of which: other than above			/		/
1b	Subscription rights to common shares		2,762	/	1,754	/
	Accumulated other comprehensive income and other		,		ĺ	
3	disclosed reserves		683,133	1,024,700	856,425	570,950
_	Common share capital issued by subsidiaries and held		,	, , , , , , , , ,	,	,
5	by third parties (amount allowed in group CET1)		11,789	1	14,954	/
	Total of items included in common equity Tier 1		11,702	•	1 .,>0 .	·
	capital: instruments and reserves subject to phase-out					
	arrangements		52,353	/	33,263	/
	of which: amount allowed in group CET1 capital		32,333	,	33,203	,
	subject to phase-out arrangements on common share					
	capital issued by subsidiaries and held by third parties		52,353	/	33,263	/
	Common equity Tier 1 capital: instruments and		32,333	,	33,203	,
6	reserves	(A)	6,878,618	/	7,637,189	/
Common equity Tier	1 capital: regulatory adjustments	(2)	0,070,010	,	7,037,107	,
Common equity Tier	Total intangible assets (net of related tax liability,	(2)				
8+9	excluding those relating to mortgage servicing rights)		205,731	308,597	383,779	255,853
			203,731	300,371	363,119	233,633
8	of which: goodwill (net of related tax liability,		16.064	24.006	20.506	20.227
	including those equivalent)		16,064	24,096	30,506	20,337
9	of which: other intangibles other than goodwill and		100 667	204.500	252 272	225 515
	mortgage servicing rights (net of related tax liability)		189,667	284,500	353,273	235,515
10	Deferred tax assets that rely on future profitability					
10	excluding those arising from temporary differences		4.721	7.007	25 461	22 (41
	(net of related tax liability)		4,731	7,097	35,461	23,641
11	Deferred gains or losses on derivatives under hedge		22.642	25.462	100.016	66.001
10	accounting		23,642	35,463	100,246	66,831
12	Shortfall of eligible provisions to expected losses		16,047	23,976	40,278	26,855
13	Securitization gain on sale		40	61	46	30
14	Gains and losses due to changes in own credit risk on					
	fair valued liabilities		516	774	1,047	698
15	Net defined benefit asset		209,811	314,717	280,679	187,119
16	Investments in own shares (excluding those reported in the net assets section)		930	1,395	1,594	1,062

17	Reciprocal cross-holdings in common equity					
18	Investments in the capital of banking, financial and insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions, where the bank does not own more than 10% of the issued share capital (amount above the 10% threshold)		78,353	117,530	24,658	16,438
19+20+21	Amount exceeding the 10% threshold on specified items					
19	of which: significant investments in the common stock of financials					
20	of which: mortgage servicing rights					
21	of which: deferred tax assets arising from temporary differences (net of related tax liability)					
22	Amount exceeding the 15% threshold on specified items					
23	of which: significant investments in the common stock of financials					
24	of which: mortgage servicing rights					
25	of which: deferred tax assets arising from temporary differences (net of related tax liability)					
27	Regulatory adjustments applied to common equity Tier 1 due to insufficient additional Tier 1 and Tier 2 to cover deductions			/		/
28	Common equity Tier 1 capital: regulatory adjustments	(B)	539,805	1	867,792	/
Common equity Tier						
29	Common equity Tier 1 capital (CET1) ((A)-(B))	(C)	6,338,812	/	6,769,396	/

Basel III	template	As of Septem	aber 30, 2015 Amounts excluded under transitional arrangements		Millions of yen) aber 30, 2016 Amounts excluded under transitional arrangements
		3)	Ü		Ü
30	Directly issued qualifying additional Tier 1 instruments plus related stock surplus of which: classified as equity under applicable accounting standards and the breakdown		1		1
30	31b Subscription rights to additional Tier 1 instruments		/		/
30	Directly issued qualifying additional Tier 1 instruments plus related stock surplus of which: classified as liabilities under applicable accounting standards Qualifying additional Tier 1 instruments plus related	300,000	/	760,000	1
30	stock surplus issued by special purpose vehicles and other equivalent entities		/		/
34-35	Additional Tier 1 instruments issued by subsidiaries and held by third parties (amount allowed in group AT1)	29,117	1	30,890	I
33+35	capital: instruments	1,193,555	/	577,500	/
33	of which: directly issued capital instruments subject to phase out from additional Tier 1	1,193,555	/	577,500	/
35	of which: instruments issued by subsidiaries subject to phase out		/	ŕ	/
	Total of items included in additional Tier 1 capital: instruments subject to phase-out arrangements of which: foreign currency translation adjustments	(26,251) (26,251)	/	(34,360) (34,360)	/
36	Additional Tier 1 capital: instruments (I		/	1,334,030	/
	Tier 1 capital: regulatory adjustments	7) 1,490,421	,	1,334,030	,
37	Investments in own additional Tier 1 instruments				
38	Reciprocal cross-holdings in additional Tier 1				
36	instruments Investments in the capital of banking, financial and				
39	insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions, where the bank does not own more than 10% of the issued common share capital of the entity (amount above 10% threshold)	177	265	66	44
		1//	203	00	44
40	Significant investments in the capital of banking, financial and insurance entities that are outside the scope of regulatory consolidation (net of eligible short positions)	58,370	87,555	88,200	58,800
	Total of items included in additional Tier 1 capital: regulatory adjustments subject to phase-out				
	arrangements	34,349	/	32,630	/
	of which: goodwill equivalent	5,487	/	9,078	1
	of which: intangible fixed assets recognized as a result of a merger	16,764	/	10,095	/
	of which: capital increase due to securitization				
	transactions	61	/	30	/
	of which: 50% of excess of expected losses relative to eligible reserves by banks adopting internal ratings-based approach	12,035	/	13,426	/

42	Regulatory adjustments applied to additional Tier 1 due to insufficient Tier 2 to cover deductions			/		/
43	Additional Tier 1 capital: regulatory adjustments	(E)	92,896	/ 1	20,897	/

6

Basel III template			As of Septen	nber 30, 2015 Amounts excluded under transitional arrangements		Millions of yen) nber 30, 2016 Amounts excluded under transitional arrangements
Additional Tier 1 ca						
44	Additional Tier 1 capital ((D)-(E))	(F)	1,403,524	/	1,213,132	/
Tier 1 capital (T1 =						
45	Tier 1 capital $(T1 = CET1 + AT1) ((C)+(F))$	(G)	7,742,337	/	7,982,529	/
Tier 2 capital: instr	uments and provisions	(4)				
46	Directly issued qualifying Tier 2 instruments plus related stock surplus of which: classified as equity under applicable accounting standards and the breakdown			1		,
46	Subscription rights to Tier 2 instruments			/		1
70	Directly issued qualifying Tier 2 instruments plus			,		,
46	related stock surplus of which: classified as liabilities under applicable accounting standards		200,000	1	495,840	/
46	Tier 2 instruments plus related stock surplus issued by					
40	special purpose vehicles and other equivalent entities		179,955	/	151,680	/
48-49	Tier 2 instruments issued by subsidiaries and held by					
40-47	third parties (amount allowed in group Tier 2)		9,190	/	10,481	/
47+49	Eligible Tier 2 capital instruments subject to phase-out arrangements included in Tier 2: instruments and provisions		1,031,810	/	884,083	/
	of which: directly issued capital instruments subject to		, ,		ĺ	
47	phase out from Tier 2		179,955	1	151,680	/
40	of which: instruments issued by subsidiaries subject to		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,,,,,,,	
49	phase out		851,855	/	732,403	/
	Total of general allowance for loan losses and eligible		001,000	•	702,100	•
50	provisions included in Tier 2		5,321	/	5,726	/
50a	of which: general allowance for loan losses		5,321	,	5,726	,
50b	of which: eligible provisions		3,321	,	3,720	,
300	Total of items included in Tier 2 capital: instruments			,		,
	and provisions subject to phase-out arrangements		595,993	1	333,124	/
	of which: 45% of unrealized gains on other securities		537,310	,	294,596	,
	of which: 45% of revaluation reserve for land		58,683	,	38,527	,
51	Tier 2 capital: instruments and provisions	(H)	2,022,270	/	1,880,935	/
Tier 2 capital: regul		(11)	2,022,270	,	1,000,233	,
52	Investments in own Tier 2 instruments		400	600	209	139
53	Reciprocal cross-holdings in Tier 2 instruments		100	000	20)	137
54	Investments in the capital of banking, financial and insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions, where the bank does not own more than 10% of the issued common share capital of the entity					
	(amount above the 10% threshold)		47,465	71,198	11,541	7,694
55	Significant investments in the capital banking, financial and insurance entities that are outside the scope of regulatory consolidation (net of eligible short positions)		·	·	·	ŕ
	Total of items included in Tier 2 capital: regulatory			-		
	adjustments subject to phase-out arrangements		120,639	/	83,844	/
	of which: investments in the capital banking, financial		400 101			
	and insurance entities		108,603	/	70,418	/
	of which: 50% of excess of expected losses relative to eligible reserves by banks adopting internal		12,035	/	13,426	/

		ratings-based approach					
	57	Tier 2 capital: regulatory adjustments	(I)	168,504	/	95,596	/
Ti	er 2 capital (T2)						
	58	Tier 2 capital (T2) ((H)-(I))	(J)	1,853,765	/	1,785,339	/
Total capital ( $TC = T1 + T2$ )							
	59	Total capital (TC = T1 + T2) $((G)+(J))$	(K)	9,596,102	/	9,767,868	/

Basel III template			As of Septemb	oer 30, 2015 Amounts excluded under transitional arrangements	(I As of Septembe	Millions of yen) or 30, 2016 Amounts excluded under transitional arrangements
Risk weighted ass		(5)				
	Total of items included in risk weighted assets subject to phase-out arrangements		859,464	/	473,144	1
	of which: intangible assets (net of related tax liability, excluding those relating to mortgage servicing rights)		267,735	1	225,420	,
	of which: deferred tax assets that rely on future profitability excluding those arising from temporary differences (net of related tax liability)		7,097		23,641	,
	of which: net defined benefit asset		314,717	,	187,119	/
	of which: investments in the capital banking, financial and insurance entities		269,913	/	36,963	/
60	Risk weighted assets	(L)	62,309,276	/	61,648,482	/
Capital ratio (con						
61	Common equity Tier 1 capital ratio (consolidated) ((C)/(L))		10 170	,	10.98%	1
62	Tier 1 capital ratio (consolidated) ((G)/(L))		10.17% 12.42%	/	12.94%	/
63	Total capital ratio (consolidated) ((K)/(L))		15.40%	,	15.84%	,
Regulatory adjust		(6)		·		·
72	Non-significant investments in the capital of other financials that are below the thresholds for deduction (before risk weighting)		669,722	/	676,959	/
73	Significant investments in the common stock of financials that are below the thresholds for deduction (before risk weighting)		152,389	1	117,422	/
74	Mortgage servicing rights that are below the thresholds for deduction (before risk weighting)		132,309	,	117,122	,
75	Deferred tax assets arising from temporary differences that are below the thresholds for deduction (before risk weighting)		76,167	/	122,634	/
Provisions includ	ed in Tier 2 capital: instruments and provisions	(7)				
76	Provisions (general allowance for loan losses)		5,321	/	5,726	1
77	Cap on inclusion of provisions (general allowance for loan losses)		46,560	/	46,690	1
78	Provisions eligible for inclusion in Tier 2 in respect of exposures subject to internal ratings-based approach (prior to application of cap) (if the amount is negative, report as nil )			/		/
79	Cap for inclusion of provisions in Tier 2 under internal ratings-based approach		304,483	,	296,588	,

Basel III template		(0)	As of Septen	nber 30, 2015 Amounts excluded under transitional arrangements	As of Septeml	Millions of yen) ber 30, 2016 Amounts excluded under transitional arrangements
Capital instruments	subject to phase-out arrangements	(8)				
82	Current cap on AT1 instruments subject to phase-out arrangements		1,458,197	/	1,249,883	/
83	Amount excluded from AT1 due to cap (excess over cap after redemptions and maturities) (if the amount is negative, report as nil )			/		/
84	Current cap on T2 instruments subject to phase-out arrangements		1,180,942	/	1,012,236	/
85	Amount excluded from T2 due to cap (excess over cap after redemptions and maturities) (if the amount is negative, report as nil )			/		/

Notes:

- 1. The above figures are calculated based on International standard applied on a consolidated basis under the FSA Notice No. 20.
- 2. In calculating the consolidated capital adequacy ratio, we underwent an examination following the procedures agreed with Ernst & Young ShinNihon LLC, on the basis of Treatment in implementing examination by agreed-upon procedures for calculating capital adequacy ratio (Industry Committee Practical Guideline No. 30 of the Japanese Institute of Certified Public Accountants). Note that this is not a part of the accounting audit performed on our consolidated financial statements. This consists of an examination under agreed-upon procedures performed by Ernst & Young ShinNihon LLC on a portion of the internal control structure concerning the calculation of the capital adequacy ratio and a report of the results to us. As such, they do not represent an opinion regarding the capital adequacy ratio itself nor the internal controls related to the calculation of the capital adequacy ratio.

9

#### (B) Explanation of (A) Composition of capital disclosure

Reconciliation between Consolidated balance sheet and items of consolidated balance sheet and Composition of capital disclosure

Items	Consolidated ba in published statem As of September 30As	l financial ents	Cross- reference to Appended	Reference # of Basel III template under the Composition of capital
	2015	2016	template	disclosure
(Assets)	27.101.701	12 = 1 = 201		
Cash and due from banks	35,194,504	42,715,384		
Call loans and bills purchased	453,546	899,865		
Receivables under resale agreements	8,618,422	9,258,984		
Guarantee deposits paid under securities borrowing transactions	3,900,412	3,195,977		
Other debt purchased	2,907,399	2,527,270		
Trading assets	11,565,875	12,511,953	6-a	
Money held in trust	145,940	227,975		
Securities	39,996,490	32,705,104	2-b, 6-b	
Loans and bills discounted	74,276,839	73,030,669	6-c	
Foreign exchange assets	1,657,373	1,452,483		
Derivatives other than for trading assets	2,958,859	2,957,197	6-d	
Other assets	3,537,663	4,272,085	6-e	
Tangible fixed assets	1,078,339	1,071,524		
Intangible fixed assets	706,610	869,070	2-a	
Net defined benefit asset	773,296	673,562	3	
Deferred tax assets	37,174	77,011	4-a	
Customers liabilities for acceptances and guarantees	4,901,887	4,675,296		
Reserves for possible losses on loans	(463,886)	(441,438)		
Total assets	192,246,749	192,679,978		
(Liabilities)				
Deposits	100,595,584	110,171,994		
Negotiable certificates of deposit	15,455,822	9,568,325		
Call money and bills sold	5,738,107	1,791,651		
Payables under repurchase agreements	19,677,206	17,739,258		
Guarantee deposits received under securities lending transactions	2,115,663	1,314,573		
Commercial paper	628,445	827,552		
Trading liabilities	8,964,612	9,878,751	6-f	
Borrowed money	7,406,585	7,243,394	8-a	
Foreign exchange liabilities	560,551	582,971		
Short-term bonds	776,296	408,033		
Bonds and notes	6,235,233	7,131,121	8-b	
Due to trust accounts	1,954,690	4,053,768		
Derivatives other than for trading liabilities	2,653,017	2,001,471	6-g	
Other liabilities	4,649,335	5,755,737	J	
Reserve for bonus payments	43,964	47,174		
Reserve for variable compensation	,	1,488		
Net defined benefit liability	48,948	52,668		
Reserve for director and corporate auditor retirement benefits	1,567	1,376		
Reserve for possible losses on sales of loans	220	3		
Reserve for contingencies	6,870	4,889		
Reserve for reimbursement of deposits	16,684	15,828		
Reserve for reimbursement of debentures	42,905	35,273		
or removablement of described	12,703	33,273		

Reserves under special laws	1,848	2,219		
Deferred tax liabilities	433,970	337,644	4-b	
Deferred tax liabilities for revaluation reserve for land	71,897	67,247	4-c	
Acceptances and guarantees	4,901,887	4,675,296		
Total liabilities	182,981,918	183,709,717		
(Net assets)				
Common stock and preferred stock	2,255,790	2,256,275	1-a	
Capital surplus	1,111,410	1,111,299	1-b	
Retained earnings	3,004,969	3,464,082	1-c	
Treasury stock	(4,031)	(5,098)	1-d	
Total shareholders equity	6,368,139	6,826,558		
Net unrealized gains (losses) on other securities	1,386,622	1,134,348		
Deferred gains or losses on hedges	59,105	167,078	5	
Revaluation reserve for land	145,446	146,794		
Foreign currency translation adjustment	(43,751)	(85,900)		
Remeasurements of defined benefit plans	160,410	65,055		
Total accumulated other comprehensive income	1,707,834	1,427,376		3
Stock acquisition rights	2,762	1,754		1b
Non-controlling Interests	1,186,094	714,572	7	
-				
Total net assets	9,264,830	8,970,260		
Total liabilities and net assets	192,246,749	192,679,978		

#### Note:

The regulatory scope of consolidation is the same as the accounting scope of consolidation.

#### Appended template

1. Shareholders equity

(1) Consolidated balance sheet

Ref.	Consolidated balance sheet items	As of September 30, 2015	(Millions of yen) As of September 30, 2016	Remarks
1-a	Common stock and preferred stock	2,255,790	2,256,275	Including eligible Tier 1 capital instruments subject to phase-out arrangements (for the balance as of September 30, 2015)
1-b	Capital surplus	1,111,410	1,111,299	Including eligible Tier 1 capital instruments subject to phase-out arrangements (for the balance as of September 30, 2015)
1-c	Retained earnings	3,004,969	3,464,082	
1-d	Treasury stock	(4,031)	(5,098)	
	Total shareholders equity	6,368,139	6,826,558	

#### (2) Composition of capital

asel III mplate	Composition of capital disclosure	As of September 30, 2015	(Millions of yen) As of September 30, 2016	Remarks
	Directly issued qualifying common share capital plus related stock surplus and retained earnings	6,223,259	6,825,966	Shareholders equity attributable to common shares (before adjusting national specific regulatory adjustments (earnings to be distributed))
1a	of which: capital and stock surplus	3,223,128	3,367,574	
2	of which: retained earnings	3,004,162	3,463,490	
1c	of which: treasury stock (-)	4,031	5,098	
	of which: other than above			
31a	Directly issued qualifying additional Tier 1 instruments plus related stock surplus of which: classified as equity under applicable accounting standards and the breakdown			Shareholders equity attributable to preferred shares with a loss absorbency clause upon entering into effectively bankruptcy

#### 2. Intangible fixed assets

(1) Consolidated balance sheet

Ref.	Consolidated balance sheet items	As of September 30, 2015	(Millions of yen) As of September 30, 2016	Remarks
2-a	Intangible fixed assets	706,610	869,070	
2-b	Securities	39,996,490	32,705,104	
	of which: share of goodwill of companies accounted for using the equity method			Share of goodwill of companies accounted for
		31,016	28,147	using the equity method

Income taxes related to above

(223,297)

(257,585)

11

#### (2) Composition of capital

			(Millions of yen)	
Basel III		As of September 30,	As of September 30,	
template	Composition of capital disclosure	2015	2016	Remarks
8	Goodwill (net of related tax liability, including those			
G	equivalent)	40,161	50,844	
9	Other intangibles other than goodwill and mortgage			
,	servicing rights (net of related tax liability)	474,167	588,788	Software and other
	Mortgage servicing rights (net of related tax liability)			
20	Amount exceeding the 10% threshold on specified			
20	items			
24	Amount exceeding the 15% threshold on specified			
2 <del>4</del>	items			
74	Mortgage servicing rights that are below the thresholds for deduction (before risk weighting)			

#### 3. Net defined benefit asset

#### (1) Consolidated balance sheet

		(Millions of yen) As of September 30, As of September 30,			
Ref.	Consolidated balance sheet items	2015	2016	Remarks	
3	Net defined benefit asset	773,296	673,562		
	Income taxes related to above	(248,767)	(205,762)		

#### (2) Composition of capital

		(Millions of yen)			
Basel III		As of September 30, As of September 30,			
template	Composition of capital disclosure	2015	2016	Remarks	
15	Net defined benefit asset	524,528	467,799		

#### 4. Deferred tax assets

#### (1) Consolidated balance sheet

	(Millions of yen) As of September 30, As of September 30,				
Ref.	Consolidated balance sheet items	2015	2016	Remarks	
4-a	Deferred tax assets	37,174	77,011		
4-b	Deferred tax liabilities	433,970	337,644		
4-c	Deferred tax liabilities for revaluation reserve for land	71,897	67,247		
	Tax effects on intangible fixed assets	223,297	257,585		
	Tax effects on net defined benefit asset	248,767	205,762		

(2) Composition of capital

Basel III		As of Sontombor 20	(Millions of yen) As of September 30,	
template	Composition of capital disclosure	2015	2016	Remarks
10	Deferred tax assets that rely on future profitability excluding those arising from temporary differences (net of related tax liability)	11,829	59,102	This item does not agree with the amount reported on the consolidated balance sheet due to offsetting of assets and liabilities.
	Deferred tax assets that rely on future profitability arising from temporary differences (net of related tax liability)	76,167	122,634	This item does not agree with the amount reported on the consolidated balance sheet due to offsetting of assets and liabilities.
21	Amount exceeding the 10% threshold on specified items			
25	Amount exceeding the 15% threshold on specified items			
75	Deferred tax assets arising from temporary differences that are below the thresholds for deduction (before risk weighting)		122,634	

- 5. Deferred gains or losses on derivatives under hedge accounting
- (1) Consolidated balance sheet

	(Millions of yen)					
	As of September 30, As of September 30,					
Ref.	Consolidated balance sheet items	2015	2016	Remarks		
5	Deferred gains or losses on hedges	59,105	167,078			

#### (2) Composition of capital

			(Millions of yen)			
Basel III	As of September 30, As of September 30,					
template	Composition of capital disclosure	2015	2016	Remarks		
11	Deferred gains or losses on derivatives under hedge					
11	accounting	59,105	167,078			

- 6. Items associated with investments in the capital of financial institutions
- (1) Consolidated balance sheet

		(Millions of yen) As of September 30, As of September 30,				
Ref.	Consolidated balance sheet items	2015	2016	Remarks		
6-a	Trading assets	11,565,875	12,511,953	Including trading account securities and derivatives for trading assets		
6-b	Securities	39,996,490	32,705,104	Č		
6-c	Loans and bills discounted	74,276,839	73,030,669	Including subordinated loans		
6-d	Derivatives other than for trading assets	2,958,859	2,957,197			
6-e	Other assets	3,537,663	4,272,085	Including money invested		
6-f	Trading liabilities	8,964,612	9,878,751	Including trading account securities sold		
6-g	Derivatives other than for trading liabilities	2,653,017	2,001,471			

#### (2) Composition of capital

			(Millions of yen)					
Basel III	II As of September 30, As of September 30,							
template	Composition of capital disclosure	2015	2016	Remarks				
	Investments in own capital instruments	3,325	3,006					
16	Common equity Tier 1 capital	2,325	2,657					
37	Additional Tier 1 capital							
52	Tier 2 capital	1,000	348					
	Reciprocal cross-holdings in the capital of banking,							
	financial and insurance entities							
17	Common equity Tier 1 capital							
38	Additional Tier 1 capital							
53	Tier 2 capital							
	Investments in the capital of banking, financial and	984,712	737,403					
	insurance entities that are outside the scope of							
	•							

	regulatory consolidation, net of eligible short			
	positions, where the bank does not own more than			
	10% of the issued share capital (amount above 10%			
	threshold)			
18	Common equity Tier 1 capital	195,883	41,097	
39	Additional Tier 1 capital	442	110	
54	Tier 2 capital	118,664	19,236	
	Non-significant investments in the capital of other			
72	financials that are below the thresholds for deduction			
	(before risk weighting)	669,722	676,959	
	Significant investments in the capital of banking,			
	financial and insurance entities that are outside the			
	scope of regulatory consolidation, net of eligible short			
	positions	298,315	264,422	
10	Amount exceeding the 10% threshold on specified			
19	items			
22	Amount exceeding the 15% threshold on specified			
23	items			
40	Additional Tier 1 capital	145,926	147,000	
55	Tier 2 capital			
	Significant investments in the common stock of			
73	financials that are below the thresholds for deduction			
	(before risk weighting)	152,389	117,422	
	, , , , , , , , , , , , , , , , , , ,		·	

- 7. Non-controlling Interests
- (1) Consolidated balance sheet

		(Millions of yen) As of September 30,As of September 30,				
Ref.	Consolidated balance sheet items	2015	2016	Remarks		
7	Non-controlling Interests	1,186,094	714,572			

#### (2) Composition of capital

Basel III		As of September 30, As of	Millions of yen) of September 30.	
template	Composition of capital disclosure	2015	2016	Remarks
5	Common share capital issued by subsidiaries and held be third parties (amount allowed in group CET1)	у 11,789	14,954	After reflecting amounts eligible for inclusion (non-controlling interest after adjustments)
30-31ab-32	Qualifying additional Tier 1 instruments plus related stock surplus issued by special purpose vehicles and other equivalent entities			After reflecting amounts eligible for inclusion (non-controlling interest after adjustments)
34-35	Additional Tier 1 instruments issued by subsidiaries and held by third parties (amount allowed in group AT1)	1 29,117	30,890	After reflecting amounts eligible for inclusion (non-controlling interest after adjustments)
46	Tier 2 instruments plus related stock surplus issued by special purpose vehicles and other equivalent entities	179,955	151,680	After reflecting amounts eligible for inclusion (non-controlling interest after adjustments)
48-49	Tier 2 instruments issued by subsidiaries and held by third parties (amount allowed in group Tier 2)	9,190	10,481	After reflecting amounts eligible for inclusion (non-controlling interest after adjustments)

#### 8. Other capital instruments

(1) Consolidated balance sheet

			(Millions of yen) As of September 30,As of September 30,				
Ref.	Consolidated balance sheet items	As of September 30, As 2015	2016	Remarks			
8-a	Borrowed money	7,406,585	7,243,394				
8-b	Bonds and notes	6,235,233	7,131,121				
	Total	13.641.818	14.374.515				

#### (2) Composition of capital

			(Millions of yen)				
Basel III	As	As of September 30, As of September 30,					
template	Composition of capital disclosure	2015	2016	Remarks			
	Directly issued qualifying additional Tier 1 instruments						
32	plus related stock surplus of which: classified as						
	liabilities under applicable accounting standards	300,000	760,000				
	Directly issued qualifying Tier 2 instruments plus related						
46	stock surplus of which: classified as liabilities under						
	applicable accounting standards	200,000	495,840				

#### Note:

Amounts in the Composition of capital disclosure are based on those before considering amounts under transitional arrangements and include Amounts excluded under transitional arrangements disclosed in (A) Composition of capital disclosure as well as amounts included as regulatory capital. In addition, items for regulatory purposes under transitional arrangements are excluded from this table.

#### Risk-based capital

#### (3) Required capital by portfolio classification

		ember 30, 2015	(Billions of yen) As of September 30, 2016		
	EAD	Required capital	EAD	Required capital	
Credit risk	201,186.6	5,273.9	197,334.0	5,130.6	
Internal ratings-based approach	192,002.1	4,766.5	184,252.0	4,571.8	
Corporate (except specialized lending)	69,867.6	2,361.3	68,405.7	2,436.8	
Corporate (specialized lending)	3,951.9	335.6	3,573.4	233.1	
Sovereign	79,523.8	97.0	78,539.5	85.1	
Bank	7,886.8	152.7	6,345.7	129.7	
Retail	13,192.5	549.8	12,530.7	508.5	
Residential mortgage	10,027.3	348.3	9,562.8	325.5	
Qualifying revolving loan	527.4	40.4	588.6	45.1	
Other retail	2,637.6	161.0	2,379.3	137.8	
Equities	4,951.9	633.7	4,359.0	590.8	
PD/LGD approach	4,430.4	497.5	3,715.4	423.9	
Market-based approach (simple risk weight method)	521.5	136.1	643.6	166.9	
Market-based approach (internal models approach)					
Regarded-method exposure	2,015.1	347.5	1,871.5	338.8	
Purchase receivables	4,367.2	127.0	3,003.3	94.1	
Securitizations	3,583.9	23.0	3,439.9	21.5	
Others	2,660.8	138.4	2,182.9	132.9	
	,		,		
Standardized approach	9,184.5	285.2	13,081.9	286.0	
Sovereign	4,502.1	7.7	8,030.9	10.4	
Bank	1,587.1	30.5	2,047.8	37.4	
Corporate	2,412.8	182.0	2,280.3	173.4	
Residential mortgage					
Securitizations	22.0	6.3	19.5	3.6	
Others	660.3	58.4	703.2	61.0	
CVA risk	n.a.	204.4	n.a.	255.0	
Central counterparty-related	n.a.	17.7	n.a.	17.7	
•					
Market risk	n.a.	158.6	n.a.	153.3	
Standardized approach	n.a.	72.1	n.a.	83.2	
Interest rate risk	n.a.	43.3	n.a.	45.6	
Equities risk	n.a.	15.3	n.a.	27.4	
Foreign exchange risk	n.a.	8.8	n.a.	4.4	
Commodities risk	n.a.	4.6	n.a.	5.5	
Option transactions	n.a.		n.a.		
Internal models approach	n.a.	86.4	n.a.	70.1	
Operational risk	n.a.	246.1	n.a.	252.3	
Advanced measurement approach	n.a.	204.5	n.a.	211.2	

Basic indicator approach n.a. 41.6 n.a. 41.0

Total required capital (consolidated) n.a. 4,984.7 n.a. 4,931.8

#### Notes:

- 1. EAD: Exposure at default.
- 2. PD: Probability of default.
- 3. LGD: Loss given default.
- 4. Required capital: For credit risk, the sum of (i) 8% of credit risk-weighted assets, (ii) expected losses and (iii) deductions from capital. For market risk, the market risk equivalent amount. For operational risk, the operational risk equivalent amount.
- 5. Total required capital (consolidated): 8% of the denominator of the capital adequacy ratio.
- 6. The major exposures included in each portfolio classification of internal ratings-based approach are as follows:

Corporate (except specialized lending)	Credits to corporations and sole proprietors (excluding credits to retail customers)
Corporate (specialized lending)	Credits which limit interest and principal repayment sources to cash flow derived from specific real estate, chattel, businesses, etc, including real estate non-recourse loan, ship finance and project finance, etc.
Sovereign	Credits to central governments, central banks and local governmental entities
Bank	Credits to banks and securities companies, etc.
Retail	Housing loans (residential mortgage), credit card loans (qualifying revolving retail loan) and other individual consumer loans and loans to business enterprises with total credit amount of less than ¥100 million, etc. (other retail).
Equities	Capital stock, preferred securities, perpetual subordinated debt, etc. (excluding trading assets)
	Either the PD/LGD approach or the market-based approach is applied to equities following the termination of the transitional measurement.
Regarded-method exposure	Investment trusts and funds, etc.
Purchase receivables	Receivables purchased from third parties excluding securities (excluding securitizations)
Securitizations	Transactions in the form of non-recourse and having a senior/subordinated structure, etc. (excluding specialized lending).

- 7. EAD calculated using the standardized approach for credit risk represents the amount before the deduction of specific reserve for possible losses on loans, reserve for possible losses on loans to restructuring countries and partial direct write-offs.
- 8. From the fiscal year ended March 31, 2016, we have been calculating EAD using the internal ratings-based approach for credit risk by taking into account the amount of collateral for derivatives transactions. EAD as of September 30, 2015 represents the amount adjusted to retroactively reflect this method.

#### Credit risk

**Domestic** 

Overseas

North America

Central and South America

Asia

#### (4) Credit risk exposure, etc.

We exclude regarded-method exposure and securitization exposure from the amount of credit risk exposure.

The outstanding balance is based on exposure at default.

No significant difference exists between period-end credit risk position and the average credit risk position during the twelve months ended September 30, 2015 and 2016.

#### Status of credit risk exposure

#### (A) Breakdown by geographical area

	Loans, commitments and other non-derivative off-balance-sheet	As o	of September 30, 2	2015	(Billions of yen)
	exposures	Securities	Derivatives	Others	Total
Domestic	69,792.9	25,739.1	1,264.1	29,659.3	126,455.5
Donicon	02,174.9	20,107.1	1,207.1	47,057.5	120,455.5
Overseas	38,481.8	10,889.7	3,148.3	7,427.4	59,947.4
Asia	9,250.8	2,199.3	443.1	1,771.8	13,665.1
Central and South America	3,238.5	58.5	137.4	521.4	3,956.0
North America	15,960.7	6,512.3	854.1	4,478.7	27,806.0
Eastern Europe	390.3	,	1.9	7.3	399.6
Western Europe	6,018.1	1,777.8	1,437.9	455.5	9,689.5
Other areas	3,623.1	341.6	273.6	192.4	4,430.9
Total	108,274.7	36,628.9	4,412.4	37,086.8	186,402.9
Exempt portion	n.a.	n.a.	n.a.	n.a.	9,162.4
		As o	of September 30, 2	2016	(Billions of yen)
	Loans, commitments and other non-				
	derivative				
	off-balance-sheet				
		~			

Table of Contents 32

exposures

68,313.7

34,707.5

8,303.1

2,879.4

14,036.2

Securities

19,716.7

9,962.2

1,969.2

6,115.7

53.8

**Derivatives** 

1,594.5

2,741.8

399.8

138.4

756.6

Others

34,363.5

7,540.4

1,445.3

5,159.4

442.0

**Total** 

123,988.6

54,952.0

12,117.6

3,513.7

26,068.1

Eastern Europe	254.8		0.3	6.0	261.1
Western Europe	5,988.7	1,374.7	1,246.0	319.4	8,928.9
Other areas	3,244.9	448.6	200.4	168.1	4,062.2
Total	103,021.2	29,678.9	4,336.4	41,903.9	178,940.6
Exempt portion	n.a.	n.a.	n.a.	n.a.	13,062.3

#### Notes:

- 1. Exempt portion represents the amount before the deduction of specific reserve for possible losses on loans, reserve for possible losses on loans to restructuring countries and partial direct write-offs, calculated using the standardized approach for business units and asset classes that are immaterial for the purpose of calculating credit risk-weighted assets.
- 2. Exposure to non-Japanese residents is included in Overseas.
- 3. Others include cash, deposits, call loans, other debt purchased, money held in trust, foreign exchange assets, other assets, etc.

16

#### (B) Breakdown by industry

	(Billions of yen)
As of September 30, 2015	

Loans, commitments and other

	non-derivative				
	off-balance-sheet exposures	Securities	Derivatives	Others	Total
Manufacturing	19,983.6	2,461.8	552.2	682.2	23,679.9
Construction	1,478.3	204.5	12.1	37.2	1,732.2
Real estate	8,217.5	552.5	69.0	16.2	8,855.4
Service industries	4,960.3	382.3	75.8	60.6	5,479.1
Wholesale and retail	8,800.6	738.0	120.1	978.9	10,637.7
Finance and insurance	13,167.3	3,329.7	2,609.3	1,800.4	20,906.8
Individuals	11,836.7		0.3	10.4	11,847.5
Other industries	26,348.1	9,406.1	963.6	8,539.0	45,256.9
Japanese Government; Bank of Japan	13,482.1	19,553.8	9.7	24,961.5	58,007.2
Total	108,274.7	36,628.9	4,412.4	37,086.8	186,402.9
Exempt portion	n.a.	n.a.	n.a.	n.a.	9,162.4

(Billions of yen)

As of September 30, 2016

Loans,
commitments and
other
non-derivative

	non acrivative				
	off-balance-sheet				
	exposures	Securities	Derivatives	Others	Total
Manufacturing	18,941.2	2,189.3	568.9	611.5	22,311.0
Construction	1,335.8	195.4	13.6	42.2	1,587.1
Real estate	8,443.5	561.7	105.3	21.8	9.132.4
Service industries	4,805.7	367.1	97.4	58.9	5,329.2
Wholesale and retail	8,147.0	699.4	190.9	867.5	9,905.0
Finance and insurance	11,058.2	3,035.4	2,046.9	1,708.9	17,849.6
Individuals	11,300.9		0.7	9.6	11,311.3
Other industries	25,087.3	8,794.4	1,283.4	8,274.4	43,439.7
Japanese Government; Bank of Japan	13,901.2	13,835.9	28.9	30,308.6	58,074.8
Total	103,021.2	29,678.9	4,336.4	41,903.9	178,940.6
10001	100,021.2	25,576.5	.,550.4	11,500.5	170,540.0
Exempt portion	n.a	n.a	n.a	n.a	13,062.3

#### Notes:

<sup>1.</sup> Exempt portion represents the amount before the deduction of specific reserve for possible losses on loans, reserve for possible losses on loans to restructuring countries and partial direct write-offs, calculated using the standardized approach for business units and asset classes that are immaterial for the purpose of calculating credit risk-weighted assets.

2. Others include cash, deposits, call loans, other debt purchased, money held in trust, foreign exchange assets, other assets, etc.

17

#### (C) Breakdown by residual contractual maturity

	As of September 30, 2015  Loans, commitments and other non-derivative				(Billions of yen)
	off-balance-sheet				
	exposures	Securities	Derivatives	Others	Total
Less than one year	28,690.8	4,482.3	797.1	5,404.1	39,374.5
From one year to less than three years	20,419.9	12,996.6	2,113.8	519.8	36,050.2
From three years to less than five years	18,655.4	7,053.6	645.0	16.5	26,370.7
Five years or more	27,544.6	7,292.0	853.2	40.8	35,730.7
Other than above	12,963.9	4,804.1	3.1	31,105.4	48,876.6
Total	108,274.7	36,628.9	4,412.4	37,086.8	186,402.9
Exempt portion	n.a.	n.a.	n.a.	n.a.	9,162.4

(Billions of yen)

As of September 30, 2016

Loans, commitments and other

non-derivative

	non-ucrivative				
	off-balance-sheet				
	exposures	Securities	Derivatives	Others	Total
Less than one year	26,916.3	4,998.9	795.3	4,742.9	37,453.6
From one year to less than three years	18,402.2	9,757.2	1,578.6	558.4	30,296.4
From three years to less than five years	18,442.1	2,961.1	678.5	20.9	22,102.7
Five years or more	27,232.4	7,631.2	1,262.5	15.1	36,141.4
Other than above	12,028.0	4,330.3	21.3	36,566.4	52,946.2
Total	103.021.2	29,678.9	4,336.4	41,903.9	178,940.6
		•	,	·	
Exempt portion	n.a.	n.a.	n.a.	n.a.	13,062.3
1 1					,

#### Notes:

- 1. Exempt portion represents the amount before the deduction of specific reserve for possible losses on loans, reserve for possible losses on loans to restructuring countries and partial direct write-offs, calculated using the standardized approach for business units and asset classes that are immaterial for the purpose of calculating credit risk-weighted assets.
- 2. Others include cash, deposits, call loans, other debt purchased, money held in trust, foreign exchange assets, other assets, etc.

Status of exposure past due three months or more or in default

## (D) Breakdown by geographical area

(Billions of yen)

As of September 30, 2015

Loans, commitments and other non-derivative

off-balance-sheet

	on-parance-snee	L			
	exposures	Securities	Derivatives	Others	Total
Domestic	977.6	81.4	2.5	24.4	1,086.1
Overseas	291.3	1.9	8.1	7.3	308.7
Asia	50.8	0.0	0.5	0.9	52.3
Central and South America	75.0	0.0	3.9	0.0	79.1
North America	18.2	1.9		2.3	22.5
Eastern Europe	5.1		0.0		5.2
Western Europe	73.1	0.0	3.4	3.7	80.3
Other areas	68.9			0.1	69.0
Total	1,268.9	83.4	10.6	31.7	1,394.8
Exempt portion	n.a.	n.a.	n.a.	n.a.	4.8

(Billions of yen)

As of September 30, 2016

Loans, commitments and other non-derivative

	off-balance-sheet exposures	Securities	Derivatives	Others	Total
Domestic	1,004.0	76.2	3.4	13.0	1,096.8
Overseas	200.7	2.8	7.7	2.5	213.8
Asia	49.9	0.0	0.5	0.4	50.9
Central and South America	54.8	0.0	3.0	0.0	57.8
North America	20.2	2.8		1.3	24.4
Eastern Europe	1.4		0.0		1.5
Western Europe	53.0	0.0	4.2	0.5	57.7
Other areas	21.2			0.1	21.3
Total	1,204.7	79.1	11.2	15.5	1,310.7
Exempt portion	n.a.	n.a.	n.a.	n.a.	3.6

## Notes:

<sup>1.</sup> Exempt portion represents the amount before the deduction of specific reserve for possible losses on loans, reserve for possible losses on loans to restructuring countries and partial direct write-offs, calculated using the standardized approach for business units and asset classes that are immaterial for the purpose of calculating credit risk-weighted assets.

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- 2. Exposure to non-Japanese residents is included in Overseas.
- 3. Others include deposits, call loans, other debt purchased, money held in trust, foreign exchange assets, other assets, etc.

19

## (E) Breakdown by industry

	Loans, commitments and other non-derivative	As of September 30, 2015			lions of yen)
	off-balance-sheet	Securities	Derivatives	Others	Total
Manufacturing	exposures 408.7	73.9	1.5	5.8	490.0
Construction	20.6	0.1	110	0.5	21.2
Real estate	89.3	0.7	0.1	0.2	90.4
Service industries	93.5	0.6	0.5	2.7	97.5
Wholesale and retail	200.0	1.3	0.3	14.0	215.7
Finance and insurance	14.4	4.9	0.0	3.6	23.0
Individuals	117.5			1.2	118.8
Other industries	324.5	1.6	8.1	3.5	337.8
Total	1,268.9	83.4	10.6	31.7	1,394.8
Exempt portion	n.a.	n.a.	n.a.	n.a.	4.8

(Billions of yen)

As of September 30, 2016

Loans, commitments and other non-derivative

	off-balance-shee	t			
	exposures	Securities	Derivatives	Others	Total
Manufacturing	529.9	72.9	1.8	4.1	608.9
Construction	15.1	0.0		0.4	15.6
Real estate	67.5	0.5	0.1	0.2	68.4
Service industries	83.5	0.4	0.7	1.6	86.4
Wholesale and retail	187.9	2.1	0.7	5.1	195.9
Finance and insurance	10.1	2.5	1.0	1.8	15.5
Individuals	103.1			1.1	104.2
Other industries	207.4	0.3	6.7	0.8	215.4
Total	1,204.7	79.1	11.2	15.5	1,310.7
Exempt portion	n.a.	n.a.	n.a.	n.a.	3.6

## Notes:

- 1. Exempt portion represents the amount before the deduction of specific reserve for possible losses on loans, reserve for possible losses on loans to restructuring countries and partial direct write-offs, calculated using the standardized approach for business units and asset classes that are immaterial for the purpose of calculating credit risk-weighted assets.
- 2. Others include deposits, call loans, other debt purchased, money held in trust, foreign exchange assets, other assets, etc.

20

## Status of reserves for possible losses on loans

The amounts associated with regarded-method exposure and securitization exposure are excluded.

## (F) Period-end balances of reserves for possible losses on loans and changes during the six-month period

(after partial direct write-offs)

	As of, or	(Billions of yen)
	for	As of, or for
	the six months ended, September 30, 2015	the six months ended, September 30, 2016
General reserve for possible losses on loans		
Beginning balance	344.4	304.8
Increase during the six-month period	300.1	287.8
Decrease during the six-month period	344.4	304.8
Ending balance	300.1	287.8
Specific reserve for possible losses on loans	180.3	154.6
Beginning balance Increase during the six-month period	163.6	153.5
Decrease during the six-month period	180.3	154.6
Ending balance	163.6	153.5
Reserve for possible losses on loans to restructuring countries		
Beginning balance	0.6	0.0
Increase during the six-month period	0.0	0.0
Decrease during the six-month period	0.6	0.0
Ending balance	0.0	0.0
Total		
Beginning balance	525.4	459.5
Increase during the six-month period	463.8	441.4
Decrease during the six-month period	525.4	459.5
Ending balance	463.8	441.4

#### Note:

General reserve for possible losses on loans in the above table represents the amount recorded in our consolidated balance sheet, and the amounts associated with regarded-method exposure and securitization exposure are not excluded.

# $(G)\ Specific\ reserve\ for\ possible\ losses\ on\ loans\ by\ geographical\ area\ and\ industry$

			(Billions of yen)
	As of March 31, 2015	As of September 30, 2015	Change
Domestic	120.0	106.4	(13.5)
Manufacturing	29.5	27.3	(2.2)
Construction	5.5	4.0	(1.5)

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Real estate	5.0	3.4	(1.5)
Service industries	11.4	11.6	0.1
Wholesale and retail	35.0	32.7	(2.2)
Finance and insurance	0.8	0.9	0.1
Individuals	25.6	20.2	(5.4)
Other industries	6.9	6.0	(0.8)
Overseas	49.9	46.9	(3.0)
Exempt portion	10.4	10.3	(0.0)
Total	180.3	163.6	(16.7)

			(Billions of yen)
	As of March 31, 2016	As of September 30, 2016	Change
Domestic	96.2	97.3	1.1
Manufacturing	27.2	31.4	4.1
Construction	3.1	2.0	(1.0)
Real estate	2.3	1.9	(0.3)
Service industries	11.5	11.2	(0.2)
Wholesale and retail	28.8	29.9	1.0
Finance and insurance	0.6	0.6	(0.0)
Individuals	17.3	16.2	(1.1)
Other industries	5.0	3.8	(1.2)
Overseas	49.1	46.9	(2.1)
			, ,
Exempt portion	93	9.2	(0.0)
Exempt person	7.5	, <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	(0.0)
Total	154.6	153.5	(1.1)
Service industries Wholesale and retail Finance and insurance Individuals Other industries	11.5 28.8 0.6 17.3 5.0	11.2 29.9 0.6 16.2 3.8	(0.3 (0.2 1.0 (0.0 (1.1 (1.2 (2.1

# Note:

Exempt portion represents the amount calculated using the standardized approach for business units and asset classes that are immaterial for purposes of calculating credit risk-weighted assets.

#### (H) Write-offs of loans by industry

Manufacturing Construction Real estate Service industries Wholesale and retail	For the six months ended September 30, 2015  0.3  0.2  0.5  0.9  4.2	(Billions of yen) For the six months ended September 30, 2016 0.4 0.2 0.4 1.7 1.4
Finance and insurance Individuals Other industries	2.6 5.1	2.2 3.7
Exempt portion  Total	0.0 14.2	0.0

#### Notes:

- 1. The above table represents the breakdown of losses on write-offs of loans recorded in our consolidated statement of income after excluding the amounts associated with regarded-method exposure and securitization exposure.
- 2. Exempt portion represents the amount calculated using the standardized approach for business units and asset classes that are immaterial for purposes of calculating credit risk-weighted assets.
- 3. Other industries include overseas and non-Japanese resident portions.

Status of exposure to which the standardized approach is applied

## (I) Exposure by risk weight category after applying credit risk mitigation

(Billions of yen) As of September 30, 2015

Risk weight	On-balance sheet	Off-balance sheet	Total	With external rating
0%	3,552.9	642.4	4,195.4	83.0
10%	211.8		211.8	
20%	660.1	799.1	1,459.3	35.5
35%				
50%	66.4	22.0	88.4	30.3
100%	2,111.1	1,041.4	3,152.5	69.1
150%	1.3		1.3	0.1
250%	53.2		53.2	
350%				
625%		0.2	0.2	
937.5%				
1,250%		0.0	0.0	
Total	6,657.1	2,505.3	9,162.4	218.1

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 $\begin{tabular}{ll} (Billions of yen) \\ As of September 30, 2016 \end{tabular}$ 

Risk weight	On-balance sheet	Off-balance sheet	Total	With external rating
0%	6,564.1	1,132.7	7,696.8	68.5
10%	174.3		174.3	
20%	1,194.4	790.3	1,984.7	48.6
35%				
50%	27.0	42.1	69.1	29.1
100%	1,958.2	1,129.8	3,088.0	101.2
150%	0.0		0.0	
250%	49.0		49.0	
350%				
625%		0.0	0.0	
937.5%		0.0	0.0	
1,250%		0.0	0.0	
Total	9,967.3	3,095.0	13,062.3	247.6

## Notes:

- 1. The amounts in the above table are before the deduction of specific reserve for possible losses on loans, reserve for possible losses on loans to restructuring countries and partial direct write-offs.
- 2. Off-balance-sheet exposure shows credit equivalent amount.

22

## (J) Amount of exposure to which a risk weight of 1,250% is applied

Amount of exposure to which a risk weight of 1,250% is applied

As of September 30, 2015

As of September 30, 2015

As of September 30, 2016

2.0

0.2

Status of exposure to which the internal ratings-based approach is applied

(K) Specialized lending exposure under supervisory slotting criteria by risk weight category

		(Billions of yen)
Risk weight	As of September 30, 2015	As of September 30, 2016
50%	0.6	0.4
70%	89.2	39.3
90%	6.9	
95%	27.6	59.0
115%	5.2	4.7
120%	25.7	9.8
140%		4.2
250%	46.4	16.8
Default	20.3	15.6
Total	222.2	150.2

(L) Equity exposure under simple risk weight method of market-based approach by risk weight category

		(Billions of yen)
Risk weight	As of September 30, 2015	As of September 30, 2016
300%	452.5	575.3
400%	69.0	68.2
Total	521.5	643.6

Note:

Of the equity exposure under the simple risk weight method, a risk weight of 300% is applied for listed equities and 400% for unlisted equities.

Total

Default

Investment grade zone

Non-investment grade zone

(M) Portfolio by asset class and ratings segment (Corporate, etc.)

0.88

0.04

1.38

100.00

38.69

39.51

32.92

45.57

n.a.

n.a.

n.a.

39.82

					As of Septembe	r 30. 2015	(Billions of	yen, except pe	rcentages)
	PD (EAD weighted	LGD (EAD weighted	EL default (EAD weighted	Risk weight (EAD weighted	EAD	200,202		Amount of	Weighted average of credit conversion
	average) (%)	average) (%)	average) (%)	average) (%)	(Billions of yen)	On-balance sheet	Off-balance sheet	undrawn commitments	factor
Corporate	1.80	36.42	n.a.	36.12	77,672.1	55,437.6	22,234.5	22,075.8	75.00
Investment grade zone	0.09	37.97	n.a.	25.87	55,685.6	36,653.5	19,032.0	19,178.0	74.99
Non-investment grade zone	1.41	32.00	n.a.	63.48	20,937.4	17,762.2	3,175.1	2,894.2	75.00
Default	100.00	42.22	39.63	34.26	1,049.1	1,021.8	27.3	3.5	75.00
Sovereign	0.01	38.62	n.a.	1.53	79,782.9	66,134.6	13,648.2	847.0	75.00
Investment grade zone	0.00	38.62	n.a.	1.43	79,637.5	65,995.1	13,642.3	846.1	75.00
Non-investment grade zone	0.72	37.67	n.a.	54.51	145.3	139.4	5.9	0.8	75.00
Default	100.00	57.49	52.74	62.90	0.1	0.1			
Bank	0.18	33.02	n.a.	23.11	7,920.2	4,303.4	3,616.8	527.8	75.00
Investment grade zone	0.08	32.56	n.a.	19.51	7,108.0	3,645.5	3,462.5	408.3	75.00
Non-investment grade zone	0.62	36.79	n.a.	54.74	808.8	654.5	154.2	119.5	75.00
Default	100.00	97.29	95.04	29.81	3.4	3.4			
Equity exposure under PD/LGD	)								
approach	1.82	90.00	n.a.	140.39	4,430.4	4,295.7	134.7		
Investment grade zone	0.06	90.00	n.a.	114.98	4,086.4	3,951.7	134.7		
Non-investment grade zone	1.02	90.00	n.a.	232.17	268.7	268.7			
Default	100.00	90.00	n.a.	1,192.50	75.2	75.2			

24

21.98

14.76

65.15

111.49

169,805.8

146,517.6

22,160.2

1,127.8

130,171.4

110,245.9

18,824.9

1,100.5

39,634.3

36,271.7

3,335.3

27.3

23,450.6

20,432.5

3,014.6

3.5

75.00

74.99

75.00

75.00

(Billions of yen, except percentages)

As of	Senten	iber 3	0, 2016
7 13 UI	Depten	IDCI J	U, 2010

						,			
			EL	Risk					Weighted average
	PD	LGD	default	weight					of
	(EAD	(EAD	(EAD	(EAD				Amount	credit
	weighted	weighted	weighted	weighted	EAD			of	conversion
	average)	average)	average)	average)	(Billions of	On-balance	Off-balance	undrawn	factor
	(%)	(%)	(%)	(%)	yen)	sheet	sheet	commitments	
Corporate	1.86	36.42	n.a.	37.99	74,556.7	54,207.8	20,348.9	20,409.1	74.99
Investment grade zone	0.10	38.15	n.a.	27.48	52,669.8	36,091.8	16,578.0	16.889.4	74.99
Non-investment grade zone	1.53	32.06	n.a.	64.64	20,875.6	17,250.2	3,625.4	3,362.5	75.00
Default	100.00	36.08	33.39	35.72	1,011.2	865.7	145.5	157.1	75.00
Sovereign	0.01	38.29	n.a.	1.35	78,802.5	65,732.1	13,070.4	669.1	75.00
Investment grade zone	0.00	38.29	n.a.	1.26	78,683.1	65,616.9	13,066.2	666.7	75.00
Non-investment grade zone	0.82	38.11	n.a.	62.93	119.3	115.1	4.2	2.4	75.00
Default	100.00	56.91	52.18	62.70	0.0	0.0			
Bank	0.18	35.11	n.a.	24.50	6,358.3	3,497.2	2,861.0	636.4	75.00
Investment grade zone	0.09	34.91	n.a.	21.08	5,814.0	3,065.4	2,748.6	552.3	75.00
Non-investment grade zone	0.70	36.92	n.a.	61.17	541.6	430.2	111.3	84.0	75.00
Default	100.00	97.07	94.79	30.21	2.6	1.5	1.0		
Equity exposure under PD/LGD									
approach	2.14	90.00	n.a.	142.62	3,715.4	3,700.0	15.3		
Investment grade zone	0.07	90.00	n.a.	111.89	3,382.7	3,367.4	15.3		
Non-investment grade zone	1.10	90.00	n.a.	242.04	258.1	258.1			
Default	100.00	90.00	n.a.	1,192.50	74.5	74.5			
				,					
Total	0.91	38.49	n.a.	22.18	163,433.0	127,137.2	36,295.7	21,714.8	74.99
Investment grade zone	0.05	39.34	n.a.	14.57	140,549.8	108,141.6	32,408.1	18,108.5	74.99
Non-investment grade zone	1.50	32.90	n.a.	66.64	21,794.8	18,053.8	3,741.0	3,449.0	75.00
Default	100.00	39.92	33.54	114.93	1,088.4	941.8	146.5	157.1	75.00

#### Notes:

- 1. Investment grade zone includes obligor ratings A1 through B2, non-investment grade zone includes C1 through E2 (excluding E2R), and default includes E2R through H1.
- 2. Corporate does not include specialized lending exposure under supervisory slotting criteria.
- 3. Each asset class includes purchased receivables.
- 4. The commitments that can be terminated at any time without condition or terminated automatically are not included in the amount of undrawn commitments and weighted average of credit conversion factor.
- 5. Regarding equity exposure under the PD/LGD approach, we recognized the risk-weighted assets by multiplying 1,250% by the expected loss ( EL ).

# (Reference) Obligor ratings

## Obligor ratings

(major cate	gory)	<b>Definition of ratings</b>	Classification
A1 A3		Obligors whose certainty of debt fulfillment is very high, hence their level of credit	
B1 B2		risk is excellent.  Obligors whose certainty of debt fulfillment poses no problems for the foreseeable	Investment grade zone
D1 D2		future, hence their level of credit risk is sufficient.	
C1 C3		Obligors whose certainty of debt fulfillment and their level of credit risk pose no	
D1 D2		problems for the foreseeable future.	
D1 D3		Obligors whose current certainty of debt fulfillment poses no problems, however, their resistance to future changes in business environment is low.	Non-investment grade zone
<b>E1</b>		Obligors who require close watching going forward because there are problems with	
<b>E2</b>		their borrowing conditions, such as reduced or suspended interest payments, problems	
		with fulfillment such as de facto postponements of principal or interest payments, or	
		problems with their financial positions as a result of their poor or unstable business	
	R*	conditions.	
F1		Obligors who are not yet bankrupt but are in financial difficulties and are deemed to	
		be very likely to go bankrupt in the future because they are finding it difficult to make	
		progress in implementing their management improvement plans (including obligors	
		who are receiving ongoing support from financial institutions).	Default
G1		Obligors who have not yet gone legally or formally bankrupt but who are	
		substantially bankrupt because they are in serious financial difficulties and are not	
		deemed to be capable of restructuring.	
H1		Obligors who have already gone bankrupt, from both a legal and/or formal	
		perspective.	

<sup>\*</sup> Obligors who have loans in need of monitoring (restructured loans and loans past due for three months or more) out of the obligors who require close watching going forward

# $(N)\ Portfolio\ by\ asset\ class\ and\ ratings\ segment\ (Retail)$

			EL	Risk	As of Septembe	r 30, 2015	(Billions o	f yen, except po	ercentages)
	PD	LGD	default	weight					Weighted
	(EAD	(EAD	(EAD	(EAD					average of
	weighted	weighted	weighted	weighted	EAD			Amount of	credit conversion
	average) (%)	average) (%)	average) (%)	average) (%)	(Billions of yen)	On-balance sheet	Off-balance sheet	undrawn commitments	factor (%)
Residential mortgage	1.81	41.44	n.a.	33.54	10,027.3	9,860.4	166.8	6.6	75.17
Non-default	0.81	41.37	n.a.	33.56	9,927.0	9,762.3	164.6	6.6	75.17
Default	100.00	48.12	45.73	31.64	100.3	98.0	2.2		
Qualifying revolving loan (retail)	3.23	77.26	n.a.	64.86	527.4	354.8	172.5	1,581.0	10.92
Non-default	3.06	77.27	n.a.	64.89	526.5	354.1	172.3	1,579.4	10.91
Default	100.00	73.47	69.60	51.22	0.9	0.7	0.2	1.6	13.23
Other retail	4.50	52.99	n.a.	51.31	2,637.6	2,621.9	15.7	17.9	65.86
Non-default	1.68	53.20	n.a.	51.78	2,562.2	2,550.2	11.9	14.0	57.83
Default	100.00	45.81	43.13	35.50	75.4	71.6	3.7	3.9	94.42
Total	2.40	45.18	n.a.	38.34	13,192.5	12,837.2	355.2	1,605.7	11.80
Non-default	1.08	45.15	n.a.	38.41	13,015.7	12,666.7	348.9	1,600.1	11.59
Default	100.00	47.26	44.74	33.39	176.7	170.4	6.2	5.5	70.92
					As of Septembe	r 30, 2016	(Billions o	f yen, except po	ercentages)
			EL	Risk					
	PD	LGD	default	weight					Weighted
	(EAD	(EAD	(EAD	(EAD					average of
	weighted	weighted	weighted	weighted	EAD			Amount of	credit conversion
	average) (%)	average) (%)	average) (%)	average) (%)	(Billions of yen)	On-balance sheet	Off-balance sheet	undrawn commitments	factor (%)
Residential mortgage	1.69	41.05	n.a.	33.41	9,562.8	9,424.3	138.5	5.5	75.00
Non-default	0.78	40.99	n.a.	33.42	9,475.2	9,338.5	136.6	5.5	75.00
Default	100.00	47.63	45.14	32.96	87.6	85.8	1.8		
Qualifying revolving loan									
(retail)	3.22	76.66	n.a.	65.11	588.6	392.8	195.7	1,638.8	11.94
Non-default	3.09	76.67	n.a.	65.12	587.7	392.2	195.5	1,673.3	11.94
Default	100.00	71.93	67.75	55.34	0.8	0.6	0.1	1.5	12.54

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Other retail	4.44	50.62	n.a.	48.25	2,379.3	2,364.1	15.1	17.2	63.98
Non-default	1.70	50.77	n.a.	48.55	2,312.8	2,301.1	11.6	13.5	55.52
Default	100.00	45.65	42.78	37.93	66.4	62.9	3.5	3.7	94.52
Total	2.29	44.54	n.a.	37.72	12,530.7	12,181.3	349.4	1,661.6	12.69
Non-default	1.06	44.51	n.a.	37.75	12,375.8	12,031.9	343.8	1,656.3	12.51
Default	100.00	46.91	44.25	35.21	154.9	149.3	5.5	5.2	70.65

### Notes:

- 1. Each asset class includes purchased receivables.
- 2. The commitments that can be terminated at any time without condition or terminated automatically are not included in the amount of undrawn commitments and weighted average of credit conversion factor.

27

#### (O) Actual losses by asset class

	For the period from	(Billions of yen)
	October 1, 2014 through September 30, 2015 Actual losses	For the period from October 1, 2015 through September 30, 2016 Actual losses
Corporate	180.1	11.7
Sovereign	0.0	0.0
Bank	(0.2)	(0.8)
Residential mortgage	(2.8)	(0.9)
Qualifying revolving loan (retail)	2.5	0.0
Other retail	5.5	(2.0)
Total	185.2	7.9

#### Note:

Actual losses are the sum of the net increase (decrease) in the amount of partial direct write-offs, specific reserve for possible losses on loans and general reserve for possible losses on loans (for claims against special attention obligors or below), etc., as well as tax-qualified direct write-offs, losses from sales of non-performing loans, losses from debt forgiveness and losses from debt-equity swaps during the relevant period. Equity exposure under the PD/LGD approach is not included in the amount of actual losses.

#### <Analysis>

Actual losses of \$7.9 billion in the period from October 1, 2015 through September 30, 2016 decreased by \$177.3 billion compared with the period from October 1, 2014 through September 30, 2015. This was due to significant decrease in losses from corporate exposure.

28

## (P) Comparison of estimated and actual losses by asset class

For the period from October 1, 2007 through September 30, 2008 Estimated losses (Billions of yen)
For the period from
October 1, 2008 through
September 30, 2009
Estimated losses

(expected losses as of

(expected losses as of

Septem	ber 3	0, 20	<b>07</b> )
--------	-------	-------	-------------

**September 30, 2008)** 

		After			After	
		deduction of reserves	Actual losses		deduction of reserves	Actual losses
Corporate	1,060.5	202.0	28.2	998.6	390.4	433.9
Sovereign	2.2	(9.3)	0.7	1.6	(10.7)	0.0
Bank	8.0	4.2	34.4	18.9	(18.4)	0.0
Residential mortgage	85.8	18.6	16.9	96.4	22.9	21.3
Qualifying revolving loan (retail)	7.4	2.5	0.0	8.0	3.1	2.2
Other retail	50.1	12.6	4.3	53.2	16.0	6.2
Total	1,214.3	230.7	84.8	1,176.9	403.3	463.9

For the period from October 1, 2009 through September 30, 2010 Estimated losses (Billions of yen)
For the period from
October 1, 2010 through
September 30, 2011
Estimated losses

(expected losses as of

(expected losses as of

September	30	2009	۱
September	JU,	2009	,

September 30, 2010)

		After			After	
		deduction of	Actual		deduction of	Actual
		reserves	losses		reserves	losses
Corporate	1,377.8	503.2	45.2	1,151.1	406.3	41.1
Sovereign	4.1	(8.3)	0.3	1.4	(11.5)	0.2
Bank	42.7	5.6	(3.1)	32.0	3.9	0.0
Residential mortgage	107.8	26.5	36.6	143.2	38.8	13.3
Qualifying revolving loan (retail)	10.4	3.6	0.2	10.7	3.8	0.2
Other retail	54.6	15.8	22.4	78.6	25.1	4.6
Total	1,597.7	546.6	101.8	1,417.2	466.5	59.5

(Billions of yen)

52

For the period from October 1, 2011 through September 30, 2012 Estimated losses For the period from October 1, 2012 through September 30, 2013 Estimated losses

(expected losses as of

(expected losses as of

September 30, 2011)

September 30, 2012)

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		After			After	
		deduction of	Actual		deduction of	Actual
		reserves	losses		reserves	losses
Corporate	937.7	349.2	28.0	782.6	271.7	22.4
Sovereign	1.3	(11.8)	0.1	2.5	(10.8)	0.1
Bank	33.0	5.1	(4.7)	12.9	5.3	(2.7)
Residential mortgage	146.0	42.8	(12.0)	134.0	53.6	(0.1)
Qualifying revolving loan (retail)	10.7	3.6	0.3	11.0	3.7	0.6
Other retail	75.0	24.1	1.5	72.1	26.8	2.1
Total	1,203.9	413.3	13.2	1,015.2	350.5	22.5

For the period from October 1, 2013 through September 30, 2014 Estimated losses (Billions of yen)
For the period from
October 1, 2014 through
September 30, 2015
Estimated losses

(expected losses as of

(expected losses as of

**September 30, 2013**)

**September 30, 2014**)

		After deduction of reserves	Actual losses		After deduction of reserves	Actual losses
Corporate	654.9	213.9	(35.6)	488.9	171.8	180.1
Sovereign	1.4	(12.0)	(13.4)	1.5	1.4	0.0
Bank	13.5	8.2	(1.6)	7.3	3.8	(0.2)
Residential mortgage	117.8	48.5	(4.6)	100.0	47.4	(2.8)
Qualifying revolving loan (retail)	11.6	3.8	0.0	11.9	4.2	2.5
Other retail	66.3	24.6	0.1	59.6	24.4	5.5
Total	865.8	287.2	(55.2)	669.4	253.3	185.2

(Billions of yen)

For the period from October 1, 2015 through September 30, 2016 Estimated losses

(expected losses as of

**September 30, 2015**)

		After deduction of reserves	Actual losses
Corporate	536.0	124.6	11.7
Sovereign	1.7	1.6	0.0
Bank	6.9	3.5	(0.8)
Residential mortgage	79.2	36.9	(0.9)
Qualifying revolving loan (retail)	13.1	2.9	0.0
Other retail	52.8	17.0	(2.0)
Total	689.8	186.8	7.9

Notes:

1.

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Estimated losses after deduction of reserves are the amount after deductions of partial direct write-offs, specific reserves for possible losses on loans and general reserves for possible losses on loans (for claims against special attention obligors or below), etc., as of the beginning of each period. Equity exposure under the PD/LGD approach is not included in the amount of estimated losses.

2. Actual losses are the sum of the net increase (decrease) in the amount of partial direct write-offs, specific reserves for possible losses on loans and general reserves for possible losses on loans (for claims against special attention obligors or below), etc., as well as tax-qualified direct write-offs, losses from sales of non-performing loans, losses from debt forgiveness and losses from debt-equity swaps during the relevant period. Equity exposure under the PD/LGD approach is not included in the amount of actual losses.

29

# Methods for credit risk mitigation

# (5) Credit risk mitigation by portfolio classification

The amounts of exposure to which the method of credit risk mitigation through collateral and guarantees is applied are as follows:

			60 4 1 20		lions of yen)
		As o	of September 30	, 2015	
	Financial	Other		Credit	
	collateral	collateral	Guarantees	derivatives	Total
Internal ratings-based approach	2,586.7	5,226.7	7,905.3	57.9	15,776.8
Corporate	1,508.1	4,804.4	6,684.0	57.9	13,054.6
Sovereign	9.4	11.2	504.3		525.0
Bank	1,042.7	176.5	43.9		1,263.1
Retail	26.4	234.5	672.9		933.9
Residential mortgage			156.1		156.1
Qualifying revolving loan			0.2		0.2
Other retail	26.4	234.5	516.4		777.4
Others					
Standardized approach	243.1	n.a.	173.2		416.3
Sovereign	220.0	n.a.	173.2		393.2
Bank	8.1	n.a.			8.1
Corporate	14.9	n.a.			14.9
Residential mortgage		n.a.			
Securitizations		n.a.			
Others		n.a.			
Total	2,829.8	5,226.7	8,078.5	57.9	16,193.2

					lions of yen)	
		As of September 30, 2016				
	Financial	Other		Credit		
	collateral	collateral	Guarantees	derivatives	Total	
Internal ratings-based approach	1,215.4	4,962.1	7,164.1	12.2	13,354.0	
Corporate	711.2	4,619.9	6,180.5	12.2	11,524.0	
Sovereign	9.6	8.9	324.9		343.4	
Bank	470.0	73.6	60.6		604.4	
Retail	24.5	259.5	597.9		882.1	
Residential mortgage			135.7		135.7	
Qualifying revolving loan			0.2		0.2	
Other retail	24.5	259.5	461.9		746.1	
Others						
Standardized approach	54.8	n.a.	154.7		209.6	
Sovereign	50.0	n.a.	154.7		204.7	
Bank		n.a.				
Corporate	4.8	n.a.			4.8	
Residential mortgage		n.a.				
Securitizations		n.a.				
Others		n.a.				
Total	1,270.3	4,962.1	7,318.8	12.2	13,563.6	

(Dillions of von)

Counterparty risk in derivatives transactions and long-settlement transactions

- $(6) \ Status \ of \ counterparty \ risk \ in \ derivatives \ transactions \ and \ long-settlement \ transactions$
- $(A) \ Status \ of \ derivatives \ transactions \ and \ long-settlement \ transactions$

#### **Derivative transactions**

		As of Se	eptember 30	, 2015	As of Se	(Bi eptember 30	llions of yen) , 2016
		Gross		Credit	Gross		Credit
Current exposure method		replacement cost	Gross add-on	equivalent amount	replacement cost	Gross add-on	equivalent amount
Foreign exchange-related transactions		2,692.2	2,997.3	5,689.5	2,333.8	2,839.3	5,173.1
Interest rate-related transactions		3,626.5	1,215.5	4,842.1	3,375.8	854.7	4,230.5
Gold-related transactions							
Equity-related transactions		111.0	105.3	216.4	111.2	164.9	276.2
Transactions related to precious metals							
(other than gold)		63.9	119.3	183.3	64.2	86.8	151.0
Other commodity-related transactions		880.0	1,100.3	1,980.3	604.5	976.2	1,580.7
Credit derivatives transactions		32.0	223.1	255.1	32.5	199.1	231.6
Subtotal	(A)	7,405.8	5,761.1	13,167.0	6,522.2	5,121.2	11,643.4
Netting benefits by close-out netting							
settlement contracts	(B)	n.a.	n.a.	7,539.7	n.a.	n.a.	5,947.7
Subtotal	(C)=(A)+(B)	n.a.	n.a.	5,627.2	n.a.	n.a.	5,695.7
Effect of credit risk mitigation by collateral	(D)	n.a.	n.a.	463.4	n.a.	n.a.	657.4
Total	(C)+(D)	n.a.	n.a.	5,163.8	n.a.	n.a.	5,038.3
				Credit			Credit
Standardized method				equivalent amount			equivalent amount
Total				323.4			397.2

#### Note:

The current exposure method and standardized method are used as the method to calculate credit equivalent amounts.

## Long-settlement transactions

	As of Se	(Billions of y As of September 30, 2015 As of September 30, 2016				llions of yen) 0, 2016	
	Gross		Credit	Gross		Credit	
	replacement	Gross	equivalent	replacement	Gross	equivalent	
	cost	add-on	amount	cost	add-on	amount	
Long-settlement transactions	4.9	9.0	14.0	1.4	35.4	36.8	

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## Notes:

- 1. The current exposure method is used as the method to calculate credit equivalent amounts.
- 2. Neither the netting benefits by close-out netting settlement contracts nor the effect of credit risk mitigation by collateral applies to long-settlement transactions.

31

# (B) Amounts of credit risk mitigation by type

(Billions of yen)

	As of September 30,2015ep	otember 30, 2016
Financial collateral	697.5	469.6
Other collateral	29.3	42.0
Guarantees, others	22.7	9.9
Total	749.6	521.6

# $(C)\ Notional\ amount\ of\ credit\ derivatives\ subject\ to\ credit\ equivalent\ amount\ calculations$

		As of September 30, 2015 As Notional amount	(Billions of yen) of September 30, 2016 Notional amount
Credit derivatives type:			
Credit default swap	Protection bought	1,953.2	1,698.6
	Protection sold	2,036.3	1,802.5
Total return swap	Protection bought		
	Protection sold		
Total	Protection bought	1,953.2	1,698.6
	Protection sold	2,036.3	1,802.5

Note:

Credit derivatives used for credit risk mitigation are as follows:

		(Billions of yen)
	As of September 30, 2015 As of S	September 30, 2016
Credit derivatives used for credit risk mitigation	90.0	23.1

Securitization exposure

# (7) Quantitative disclosure items for securitization exposure

Securitization exposure as originator (for calculation of credit risk-weighted assets)

# (A) Information by type of underlying assets

Billions	of ven)	

As of, or for	the six montl	hs ended, Se	eptember 30.	2015
---------------	---------------	--------------	--------------	------

		Residential		Lease				
	Credit cards	mortgage loans	Auto loans	payment receivables	Corporate	Real estate	Securitization products	Total
Traditional securitizations					•			
Amount of underlying assets (a)		64.0						64.0
Default exposure		0.5						0.5
Losses during the six-month period								
Amount of exposures securitized during the six-month								
period								
Gains and losses recognized on sales during the six-month								
period								
Securitization subject to early amortization treatment								
Synthetic securitizations								
Amount of underlying assets (b)					160.9			160.9
Default exposure								
Losses during the six-month period								
Amount of exposures securitized during the six-month								
period								
Total amount of underlying assets (a)+(b)		64 0			160 9			225.0

## (Billions of yen)

As of, or for the six months ended, September 30, 2016

		Residential	,		, ·		,	
		Residential		Lease				
	Credit	mortgage	Auto	payment		Real	Securitization	
	cards	loans	loans	receivables	Corporate	estate	products	Total
Traditional securitizations								
Amount of underlying assets (a)		52.9						52.9
Default exposure		0.4						0.4
Losses during the six-month period								
Amount of exposures securitized during the six-month								
period								
Gains and losses recognized on sales during the six-month								
period								
Securitization subject to early amortization treatment								
Synthetic securitizations								
Amount of underlying assets (b)					29.0			29.0
Default exposure								
Losses during the six-month period								
Amount of exposures securitized during the six-month								
period								
Total amount of underlying assets (a)+(b)		52.9			29.0			81.9

#### Notes:

- 1. Items that refer to during the six-month period show amounts accumulated during the six months ended September 30, 2015 and 2016.
- 2. Default exposure and Losses during the six-month period with respect to synthetic securitization transactions are based on the definition of default as set forth in the respective transactions.
- 3. Classification based on type of underlying assets is conducted according to the principal underlying asset type for each transaction.
- 4. Credit cards include shopping credit receivables, card loans, etc.
- 5. The effects of risk mitigation, in the context of calculating capital adequacy ratio, of transfers (hedges) of risk through synthetic securitization transactions are reflected in Required capital of (B) Information of securitization exposure retained or purchased.

## Exposure intended to be securitized

			(Billions of yen)					
	a w	Residential		Lease		ъ.	g	
	Credit cards	mortgage loans	Auto loans	payment receivables	Corporate	Real estate	Securitization products	Total
Exposure intended to be securitized								
				As of Septe	(Billions	of yen)		
		Residential		Lease				
	Credit	mortgage	Auto	payment		Real	Securitization	
	cards	loans	loans	receivables	Corporate	estate	products	Total
Exposure intended to be securitized								

34

## (B) Information of securitization exposure retained or purchased

## Exposure by type of underlying asset

	(Billions of yen)
As of September 30, 2015	

		Residential		Lease				
	Credit	mortgage	Auto	payment		Real	Securitization	
	cards	loans	loans	receivables	Corporate	estate	products	Total
On-balance sheet					158.5			158.5
Exposure on resecuritizations								
Off-balance sheet					2.3			2.3
Exposure on resecuritizations								
Total					160.9			160.9
Exposure on resecuritizations								
Exposure on securitizations deducted from capital								
Exposure whose underlying assets are overseas								
assets					123.5			123.5

(Billions of yen)

	As of September 30, 2016								
		Residential		Lease					
	Credit	mortgage	Auto	payment		Real	Securitization		
	cards	loans	loans	receivables	Corporate	estate	products	Total	
On-balance sheet		0.0			29.0			29.0	
Exposure on resecuritizations									
Off-balance sheet									
Exposure on resecuritizations									
Total		0.0			29.0			29.0	
Exposure on resecuritizations									
Exposure on securitizations to which a risk weight									
of 1,250% is applied		0.0						0.0	
Exposure whose underlying assets are overseas									
assets					23.4			23.4	

# Notes:

- 1. Classification based on type of underlying asset is conducted according to the principal underlying asset type for each transaction.
- 2. Credit cards include shopping credit receivables, card loans, etc.
- 3. Exposure whose underlying assets are overseas assets is classified based on the principal underlying asset type for each transaction.
- 4. Exposure on resecuritizations as of both September 30, 2015 and 2016 are classified following Article 1, Paragraph 2-2 of the FSA Notice No. 20 (hereinafter the same).

## Exposure by risk weight category

(Billions of yen)

## As of September 30, 2015

Risk weight	On-balance sheet	Exposure on resecuritizations	Off-balance sheet	Exposure on resecuritizations	Total	Exposure on resecuritizations
Up to 20%	135.5		2.2		137.8	
Up to 50%	12.3				12.3	
Up to 100%						
Up to 250%	1.7				1.7	
Up to 650%	2.5				2.5	
Less than 1,250%	6.4		0.1		6.5	
1,250%						
Total	158.5		2.3		160.9	

(Billions of yen)

#### As of September 30, 2016

Risk weight	On-balance sheet	Exposure on resecuritizations	Off-balance sheet	Exposure on resecuritizations	Total	Exposure on resecuritizations
Up to 20%	24.8				24.8	
Up to 50%						
Up to 100%						
Up to 250%	1.7				1.7	
Up to 650%	2.5				2.5	
Less than 1,250%						
1,250%	0.0				0.0	
Total	29.0				29.0	

# Amount of required capital by risk weight category

(Billions of yen)

## As of September 30, 2015

Risk weight	On-balance sheet	Exposure on Cresecuritizations	Off-balance sheet	Exposure on resecuritizations	Total	Exposure on resecuritizations
Up to 20%	0.9		0.0		0.9	
Up to 50%	0.3				0.3	
Up to 100%						
Up to 250%						
Up to 650%	0.0				0.0	
Less than 1,250%	0.7		0.0		0.7	
1,250%						
Total	2.0		0.0		2.0	

(Billions of yen)

As of September 30, 2016

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Risk weight	On-balance sheet	Exposure on resecuritizations	Off-balance sheet	Exposure on resecuritizations	Total	Exposure on resecuritizations
Up to 20%	0.1	10000000	SHOOT	100000101010	0.1	100000111111111111111111111111111111111
Up to 50%						
Up to 100%						
Up to 250%						
Up to 650%						
Less than 1,250%						
1,250%	0.0				0.0	
Total	0.1				0.1	

## Credit risk mitigation against exposure on resecuritizations

Risk weight	As of September 30, 2015	(Billions of yen) As of September 30, 2016
Up to 20%		
Up to 50%		
Up to 100%		
Up to 250%		
Up to 650%		
Over 650%		
Total		

#### Note:

The above table shows the exposure on resecuritizations based on the risk weight after taking into consideration the effect of method to mitigate credit risk.

# Capital increase due to securitization transactions

			As of September 30, 2015					of yen)
		Residential		Lease				
	Credit cards	mortgage loans	Auto loans	payment receivables	Corporate	Real estate	Securitization products	Total
Capital increase due to securitization transactions		0.1						0.1
				As of Septe	ember 30, 20	16	(Billions	of yen)
		Residential		Lease				
	Credit cards	mortgage loans	Auto loans	payment receivables	Corporate	Real estate	Securitization products	Total
Capital increase due to securitization transactions					_		-	

Securitization exposure as sponsor of securitization programs (ABCP/ABL) (for calculation of credit risk-weighted assets)

#### (C) Information by type of underlying assets

(Billions of yen) As of, or for the six months ended, September 30, 2015

1,653.2

			*		· •			
		Residential		Lease	Account			
	Credit	mortgage	Auto	payment	and note	Real		
	cards	loans	loans	receivables	receivables	estate	Others	Total
Amount of underlying assets	108.7		63.6	48.3	384.0		58.5	663.4
Default exposure					5.8			5.8
Estimated loss amount related to underlying								
assets during the six-month period	0.5		0.6	0.0	3.4		0.5	5.2
Amount of exposures securitized during the six-								

307.7

747.6

(Billions of yen)

3,512.8

544.4

As of, or for the six months ended, September 30, 2016

259.7

		Residential		Lease	Account			
	Credit cards	mortgage loans	Auto loans	payment receivables	and note receivables	Real estate	Others	Total
Amount of underlying assets	61.8		<b>72.1</b>	73.4	272.5		44.8	524.8
Default exposure					5.3			5.3
Estimated loss amount related to underlying								
assets during the six-month period	0.7		0.3	0.5	2.7		0.4	4.8
Amount of exposures securitized during the six-								
month period	253.5		485.4	485.3	1,292.7		276.8	2,793.9

#### Notes:

month period

- 1. Items that refer to during the six-month period show amounts accumulated during the six months ended September 30, 2015 and 2016.
- 2. Securitization exposure that is acquired in securitization of customer s claims other than as sponsor (in the form of asset-backed securities, trust beneficiary rights and other transferable instruments) is categorized as securitization exposure as investor.
- 3. The amount of default exposure is the amount of the underlying assets recognized as default in the calculation of capital adequacy ratio.
- 4. Estimated loss amount related to underlying assets is based on the amount of the underlying assets as of the relevant date and the following parameters that are used in the calculation of capital adequacy ratio:

parameters used in the calculation of required capital for an underlying asset when applying the supervisory formula (e.g., PD); and

- with respect to underlying assets classified as securitization exposure, the conservative application of risk weights used in the ratings-based approach.
- 5. Classification based on type of underlying assets is conducted according to the principal underlying asset type for each transaction.

  Transactions that are difficult to classify are included under Others.
- 6. Credit cards include shopping credit receivables, card loans, etc.

38

## (D) Information of securitization exposure retained or purchased

### Exposure by type of underlying asset

							(Billion	s of yen)
				As of Septem	ber 30, 2015		`	• /
		Residential		Lease	Account			
	Credit	mortgage	Auto	payment	and note	Real		
	cards	loans	loans	receivables	receivables	estate	Others	Total
On-balance sheet	97.8		38.6	56.0	391.9		83.2	667.7
Exposure on resecuritizations								
Off-balance sheet	64.4		43.0	10.3	79.6		48.7	246.2
Exposure on resecuritizations								
Total	162.3		81.7	66.3	471.5		131.9	913.9
Exposure on resecuritizations								
Exposure on securitizations to which a risk weight of								
1,250% is applied								
Exposure whose underlying assets are overseas assets	108.0		72.0	33.8	231.8		110.6	556.4
							(Billion	s of ven)
				As of Septem	ber 30, 2016		(Billion	as of yen)
		Residential		As of Septem	ber 30, 2016 Account		(Billion	s of yen)
	Credit	Residential mortgage	Auto	•		Real	(Billion	as of yen)
	Credit cards		Auto loans	Lease	Account	Real estate	(Billion	s of yen)
On-balance sheet		mortgage		Lease payment	Account and note		·	• /
On-balance sheet Exposure on resecuritizations	cards	mortgage	loans	Lease payment receivables	Account and note receivables		Others	Total
0 0	cards	mortgage	loans	Lease payment receivables	Account and note receivables		Others	Total
Exposure on resecuritizations	cards 34.6	mortgage	loans 63.8	Lease payment receivables 69.1	Account and note receivables 263.7		Others 44.8	Total 476.2
Exposure on resecuritizations  Off-balance sheet	cards 34.6	mortgage	loans 63.8	Lease payment receivables 69.1	Account and note receivables 263.7		Others 44.8	Total 476.2
Exposure on resecuritizations  Off-balance sheet  Exposure on resecuritizations	cards 34.6 123.3	mortgage	loans 63.8 21.4	Lease payment receivables 69.1	Account and note receivables 263.7		Others 44.8 6.8	Total 476.2 211.4
Exposure on resecuritizations  Off-balance sheet  Exposure on resecuritizations  Total	cards 34.6 123.3	mortgage	loans 63.8 21.4	Lease payment receivables 69.1	Account and note receivables 263.7		Others 44.8 6.8	Total 476.2 211.4
Exposure on resecuritizations  Off-balance sheet  Exposure on resecuritizations  Total  Exposure on resecuritizations	cards 34.6 123.3	mortgage	loans 63.8 21.4	Lease payment receivables 69.1	Account and note receivables 263.7		Others 44.8 6.8	Total 476.2 211.4

#### Notes:

- 1. Securitization exposure retained or purchased includes unused portions of securitization programs that are subject to allocation of required capital.
- 2. Classification based on type of underlying assets is conducted according to the principal underlying asset type for each transaction. Transactions that are difficult to classify are included under Others.
- 3. Credit cards include shopping credit receivables, card loans, etc.
- 4. The classification of transactions of which the underlying assets are overseas assets is conducted according to the principal underlying assets of each transaction.
- 5. Exposure on resecuritizations as of both September 30, 2015 and 2016 are classified following Article 1, Paragraph 2-2 of the FSA Notice No. 20 (hereinafter the same).

1,250%

Total

## Exposure by risk weight category

As of September 30, 2015 On-balance Exposure on Off-balance Exposure on Exposure on Risk weight resecuritizations sheet resecuritizations sheet resecuritizations Total Up to 20% 661.9 246.2 908.1 Up to 50% 1.2 1.2 Up to 100% 4.5 4.5 Up to 250% Up to 650% Less than 1,250% 667.7 246.2 913.9

(Billions of yen)

(Billions of yen)

#### As of September 30, 2016

	On-balance	Exposure on	Off-balance	Exposure on		Exposure on
Risk weight	sheet	resecuritizations	sheet	resecuritizations	Total	resecuritizations
Up to 20%	469.6		211.4		681.0	
Up to 50%	4.5				4.5	
Up to 100%	2.0				2.0	
Up to 250%						
Up to 650%						
Less than 1,250%						
1,250%						
Total	476.2		211 /		687.7	

# Amount of required capital by risk weight category

As of September 30, 2015

(Billions of yen)

Risk weight Up to 20%	On-balance sheet 4.0	Exposure on resecuritizations	Off-balance sheet 1.5	Exposure on resecuritizations	Total 5.6	Exposure on resecuritizations
Up to 50%	0.0				0.0	
Up to 100%	0.3				0.3	
Up to 250%						
Up to 650%						
Less than 1,250%						
1,250%						
,						
Total	4.4		1.5		5.9	

(Billions of yen)

As of September 30, 2016

Risk weight Up to 20%	On-balance sheet 2.9	Exposure on resecuritizations	Off-balance sheet 1.3	Exposure on resecuritizations	Total 4.2	Exposure on resecuritizations
Up to 50%	0.1				0.1	
Up to 100%	0.1				0.1	
Up to 250%						
Up to 650%						
Less than 1,250%						
1,250%						
Total	3.1		1.3		11	

# Credit risk mitigation against exposure on resecuritizations

Risk weight	As of September 30, 2015	(Billions of yen) As of September 30, 2016
Up to 20%		
Up to 50%		
Up to 100%		
Up to 250%		
Up to 650%		
Over 650%		

## Total

# Note:

The above table shows the exposure on resecuritizations based on the risk weight after taking into consideration the effect of method to mitigate credit risk.

Securitization exposure as investor(for calculation of credit risk-weighted assets)

#### (E) Information of securitization exposure retained or purchased

#### Exposure by type of underlying asset

		Residential	A	As of Septemb Lease	per 30, 2015		(Billio	ons of yen)
	Credit	mortgage	Auto	payment		Real		
	cards	loans	loans	receivables	•	estate	Others	Total
On-balance sheet	37.5	971.1	391.8	6.0	354.1	12.5	301.9	2,075.2
Exposure on resecuritizations		6.8			8.4			15.3
Off-balance sheet	143.9		70.1	35.9	202.6	0.1	2.9	455.8
Exposure on resecuritizations								
Total	181.4	971.1	461.9	41.9	556.8	12.7	304.9	2,531.1
Exposure on resecuritizations		6.8			8.4			15.3
Exposure on securitizations to which a risk weight of								
1,250% is applied		0.0				2.0		2.0
Exposure whose underlying assets are overseas assets	179.4	0.0	426.8	35.9	556.8	0.3	255.4	1,454.9
							(Billio	ons of yen)
			A	As of Septemb	er 30, 2016			
		Residential		Lease				
	Credit	mortgage	Auto	payment		Real		
	cards	loans	loans	receivables	Corporate	estate	Others	Total
On-balance sheet	122.0	874.8	407.9	102.2	440.2	10.4	222.5	2,180.4
Exposure on resecuritizations		2.3			1.3			3.7
Off-balance sheet	12.8		257.8	72.4	216.3	0.1	2.5	562.2
Exposure on resecuritizations								
Total	134.9	874.8	665.8	174.6	656.5	10.6	225.1	2,742.6
Exposure on resecuritizations		2.3			1.3			3.7
Exposure on securitizations to which a risk weight of								
1,250% is applied		0.0				0.2		0.2
Exposure whose underlying assets are overseas assets	133.4	0.0	634.4	172.5	656.5	0.1	185.8	1,783.0

#### Notes:

Classification based on type of underlying assets is conducted according to the principal underlying asset type for each transaction. Transactions that are difficult to classify are included under Others.

2. Credit cards include shopping credit receivables, card loans, etc.

- The classification of transactions of which the underlying assets are overseas assets is conducted according to the principal underlying assets of each transaction.
- Exposure on resecuritizations as of both September 30, 2015 and 2016 are classified following Article 1, Paragraph 2-2 of the FSA 4. Notice No. 20 (hereinafter the same).

# Exposure by risk weight category

(Billions of yen)

## As of September 30, 2015

Risk weight Up to 20%	On-balance sheet 2,032.6	Exposure on resecuritizations 6.8	Off-balance sheet 452.7	Exposure on resecuritizations	<b>Total</b> 2,485.3	Exposure on resecuritizations 6.8
Up to 50%	24.8	8.4			24.8	8.4
Up to 100%	4.8				4.8	
Up to 250%						
Up to 650%	11.1		2.9		14.1	
Less than 1,250%						
1,250%	1.8		0.1		2.0	
Total	2,075.2	15.3	455.8		2,531.1	15.3

(Billions of yen)

## As of September 30, 2016

Risk weight Up to 20% Up to 50% Up to 100%	On-balance sheet 2,107.0 57.1 7.6	Exposure on resecuritizations 2.3 1.3	Off-balance sheet 559.5	Exposure on resecuritizations	<b>Total</b> 2,666.5 57.1 9.1	Exposure on resecuritizations 2.3 1.3
Up to 250% Up to 650% Less than 1,250% 1,250%	8.5		1.0 0.1		9.6	
Total	2,180.4	3.7	562.2		2,742.6	3.7

# Amount of required capital by risk weight category

(Billions of yen)

## As of September 30, 2015

Risk weight	On-balance sheet	Exposure on resecuritizations	Off-balance sheet	Exposure on resecuritizations	Total	Exposure on resecuritizations
Up to 20%	11.6	0.1	2.8		14.5	0.1
Up to 50%	0.5	0.2			0.5	0.2
Up to 100%	0.3				0.3	
Up to 250%						
Up to 650%	3.1		0.8		3.9	
Less than 1,250%						
1,250%	1.8		0.1		2.0	
Total	17.5	0.3	3.8		21.4	0.3

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As of September 30, 2016

(Billions of yen)

Risk weight	On-balance sheet	Exposure on resecuritizations	Off balance sheet	Exposure on resecuritizations	Total	Exposure on resecuritizations
Up to 20%	11.9	0.0	3.4		15.3	0.0
Up to 50%	1.5	0.0			1.5	0.0
Up to 100%	0.6		0.1		0.7	
Up to 250%						
Up to 650%	2.3		0.3		2.6	
Less than 1,250%						
1,250%	0.0		0.1		0.2	
Total	16.5	0.0	4.0		20.6	0.0

# Credit risk mitigation against exposure on resecuritizations

Risk weight	As of September 30, 2015	(Billions of yen) As of September 30, 2016
Up to 20%		
Up to 50%	3.2	1.0
Up to 100%		
Up to 250%		
Up to 650%		
Over 650%		
Total	3.2	1.0

#### Note:

The above table shows the exposure on resecuritizations based on the risk weight after taking into consideration the effect of method to mitigate credit risk.

 $Securitization\ exposure\ as\ originator\ (for\ calculation\ of\ market\ risk\ equivalent\ amounts)$ 

# (F) Information by type of underlying assets

		(Billions	of yen)					
	Residential		Lease			Securiti-		
	Credit cards	mortgage loans	Auto loans	payment receivables	Corporate	Real estate	zation products	Total
Traditional securitizations					•			
Amount of underlying assets (a)			16.3					16.3
Amount of exposures securitized during the six-month period								
Gains and losses recognized on sales during the six-month								
period								
Securitization subject to early amortization treatment								