

# Capital Adequacy (Consolidated)

## Disclosure Regarding Capital Adequacy

The Bank calculates its capital adequacy ratio based on the formula contained in Notification No. 4 of the 2006 Financial Services Agency and the Ministry of Agriculture, Forestry and Fisheries of Japan entitled “Standards for Judging the Soundness of Management of The Norinchukin Bank” (hereinafter “Notification Regarding Capital Adequacy Ratio”). In addition, to calculate risk-weighted assets for credit risk, the Bank has adopted the “Advanced Internal Ratings-Based Approach (A-IRB) (partially the Foundation Internal Ratings-Based Approach (F-IRB))” and “The Standardized Approach (TSA)” for calculating

operational risk capital charges.

The disclosure requirements for the Bank are provided in Notification No. 6 of the 2007 Financial Services Agency and the Ministry of Agriculture, Forestry and Fisheries of Japan entitled “Disclosure Items Related to Capital Adequacy of The Norinchukin Bank.” These disclosures can be found in this interim report as well as in the IR Library of the Bank’s website at <https://www.nochubank.or.jp/>.

## Remarks on Computation of the Consolidated Capital Adequacy Ratio

### Scope of Consolidation

- Reason for discrepancies between companies belonging to the Bank’s group that are required to compute a consolidated capital adequacy ratio, as specified in the Notification Regarding Capital Adequacy Ratio, Article 3 (hereinafter, “the Consolidated Group”) and the companies included in the scope of consolidation, based on “Ordinance on Terminology, Forms and Preparation Methods of Consolidated Financial Statement” under Ministerial Ordinance No. 28, issued by the Ministry of Finance in 1976:

Not applicable

- As of September 30, 2017, the Bank had 12 consolidated subsidiaries. The names and principal lines of business of the primary subsidiaries are as follows:

1. Norinchukin Trust & Banking Co., Ltd.: Trust and banking business
2. Kyodo Housing Loan Co., Ltd.: Loans and guarantees for housing

- Companies belonging to the Consolidated Group but not included in the scope of consolidation:

Not applicable

- Companies not belonging to the Consolidated Group but included in the scope of consolidation:

Not applicable

- Affiliated companies engaged in financial service business that were subject to the provisions of Article 9 of the Notification Regarding Capital Adequacy Ratio:

Not applicable

- Restrictions on the transfer of funds and capital between the members of the Consolidated Group:

Not applicable

### Companies with Less than the Regulatory Required Capital and the Amount of Shortfall

With regard to the group companies that are subject to capital deduction, as provided for in the Notification Regarding Capital Adequacy Ratio, the names of those companies whose capital is less than the regulatory required capital and the total amount of shortfall in their capital:

Not applicable

## Capital Ratio Information (Consolidated)

### Composition of Capital (Consolidated)

(Millions of Yen, %)

Basel III Template No.	Items	As of September 30, 2017	Amounts excluded under transitional arrangements	As of September 30, 2016	Amounts excluded under transitional arrangements	Ref. No.
Common Equity Tier 1 capital: instruments and reserves						
1a+2-26	Directly issued qualifying common share capital plus related capital surplus and retained earnings	5,402,811		5,302,830		
1a	of which: capital and capital surplus	3,455,509		3,455,509		E1.1-E1.2+E1.3
2	of which: retained earnings	1,947,301		1,847,320		E2
26	of which: cash dividends to be paid	—		—		
	of which: other than the above	—		—		E3
3	Accumulated other comprehensive income and other disclosed reserves	1,366,483	341,620	1,020,415	680,276	E4
5	Common share capital issued by subsidiaries and held by third parties (amount allowed in group CET1)	—		—		E8.1
	Total of items included in Common Equity Tier 1 capital: instruments and reserves under phase-out arrangements	1,044		1,877		
	of which: non-controlling interests and other items corresponding to common share capital issued by consolidated subsidiaries (amount allowed to be included in group Common Equity Tier 1)	1,044		1,877		
6	Common Equity Tier 1 capital: instruments and reserves (A)	6,770,339		6,325,122		
Common Equity Tier 1 capital: regulatory adjustments						
8+9	Total intangible assets (net of related tax liability, excluding those relating to mortgage servicing rights)	33,604	8,401	19,912	13,274	
8	of which: goodwill (net of related tax liability, including those equivalent)	10,616	2,654	8,668	5,778	A1.1+A1.2
9	of which: other intangible assets other than goodwill and mortgage servicing rights (net of related tax liability)	22,987	5,746	11,243	7,495	A2.1-A2.2
10	Deferred tax assets that rely on future profitability excluding those arising from temporary differences (net of related tax liability)	—	—	—	—	A3
11	Deferred gains or losses on derivatives under hedge accounting	9,457	2,364	(46,230)	(30,820)	E7
12	Shortfall of eligible provisions to expected losses	17,329	4,332	24,145	16,097	
13	Securitization gain on sale	—	—	—	—	
14	Gains and losses due to changes in own credit risk on fair valued liabilities	—	—	—	—	
15	Net defined-benefit asset	26,743	6,685	12,320	8,213	A4-D3
16	Investments in own shares (excluding those reported in the Net Assets section)	—	—	—	—	A5
17	Reciprocal cross-holdings in common equity	—	—	—	—	A6
18	Investments in the capital of banking, financial and insurance entities that are outside the scope of regulatory consolidation (“Other Financial Institutions”), net of eligible short positions, where the Bank does not own more than 10% of the issued share capital	—	—	—	—	A7

(Millions of Yen, %)

Basel III Template No.	Items	As of September 30, 2017	Amounts excluded under transitional arrangements	As of September 30, 2016	Amounts excluded under transitional arrangements	Ref. No.
19+20+21	Amount exceeding the 10% threshold on specified items	—	—	—	—	
19	of which: significant investments in the common stock of financials	—	—	—	—	A8
20	of which: mortgage servicing rights	—	—	—	—	A9
21	of which: deferred tax assets arising from temporary differences (net of related tax liability)	—	—	—	—	A10
22	Amount exceeding the 15% threshold on specified items	—	—	—	—	
23	of which: significant investments in the common stock of financials	—	—	—	—	A11
24	of which: mortgage servicing rights	—	—	—	—	A12
25	of which: deferred tax assets arising from temporary differences (net of related tax liability)	—	—	—	—	A13
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)	<b>87,134</b>		10,147		
<b>Common Equity Tier 1 capital (CET1)</b>						
29	Common Equity Tier 1 capital (CET1) ((A)-(B)) (C)	<b>6,683,204</b>		6,314,975		
<b>Additional Tier 1 capital: instruments</b>						
31a	Directly issued qualifying Additional Tier 1 instruments plus related capital surplus of which: classified as equity under applicable accounting standards and the breakdown	<b>48,973</b>		49,000		E5.1+E5.2
31b	Subscription rights to Additional Tier 1 instruments	—		—		
32	Directly issued qualifying Additional Tier 1 instruments plus related capital surplus of which: classified as liabilities under applicable accounting standards	—		—		D1.1+D1.2
	Qualifying Additional Tier 1 instruments plus related capital 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 Additional Tier 1)	<b>3,318</b>		3,117		E8.2
33+35	Eligible Tier 1 capital instruments under phase-out arrangements included in Additional Tier 1 capital: instruments	<b>424</b>		509		
33	of which: instruments issued by banks and their special purpose vehicles	<b>424</b>		509		
35	of which: instruments issued by subsidiaries (excluding banks' special purpose vehicles)	—		—		
	Total of items included in Additional Tier 1 capital: instruments under phase-out arrangements	<b>(9)</b>		(64)		
	of which: amounts of counted in to base instruments of Additional Tier 1 under phase-out arrangements that related other comprehensive income	<b>(9)</b>		(64)		
36	Additional Tier 1 capital: instruments (D)	<b>52,707</b>		52,562		

(Millions of Yen, %)

Basel III Template No.	Items	As of September 30, 2017	Amounts excluded under transitional arrangements	As of September 30, 2016	Amounts excluded under transitional arrangements	Ref. No.
Additional Tier 1 capital: regulatory adjustments						
37	Investments in own Additional Tier 1 instruments	—	—	—	—	A14
38	Reciprocal cross-holdings in Additional Tier 1 instruments	—	—	—	—	A15
39	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)	—	—	—	—	A16
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)	40,054	10,013	29,595	19,730	A17
	Total of items included in Additional Tier 1 capital: regulatory adjustments under phase-out arrangements	2,166		8,048		
	of which: 50% of balance due to pay of eligible provisions	2,166		8,048		
42	Regulatory adjustments applied to Additional Tier 1 due to insufficient Tier 2 to cover deductions	—		—		
43	Additional Tier 1 capital: regulatory adjustments (E)	42,220		37,644		
Additional Tier 1 capital (AT1)						
44	Additional Tier 1 capital (AT1) ((D)-(E)) (F)	10,487		14,918		
Tier 1 capital (T1=CET1+AT1)						
45	Tier 1 capital (T1=CET1+AT1) ((C)+(F)) (G)	6,693,691		6,329,894		
Tier 2 capital: instruments and provisions						
	Directly issued qualifying Tier 2 instruments plus related capital surplus of which: classified as equity under applicable accounting standards and its breakdown	—		—		E6
46	Subscription rights to Tier 2 instruments	—		—		
	Directly issued qualifying Tier 2 instruments plus related capital surplus of which: classified as liabilities under applicable accounting standards	1,415,480		1,415,480		D2.1+D2.2
	Tier 2 instruments plus related capital surplus issued by special purpose vehicles and other equivalent entities	—		—		
48-49	Tier 2 instruments issued by subsidiaries and held by third parties (amount allowed in group Tier 2)	102		139		E8.3
47+49	Eligible Tier 2 capital instruments under phase-out arrangements included in Tier 2: instruments and provisions	97,816		97,816		
47	of which: instruments issued by banks and their special purpose vehicles	97,816		97,816		
49	of which: instruments issued by subsidiaries (excluding banks' special purpose vehicles)	—		—		
50	Total of general allowance for loan losses and eligible provisions included in Tier 2	12		5		
50a	of which: general reserve for possible loan losses	12		5		A18
50b	of which: eligible provisions	—		—		A19
	Total of items included in Tier 2 capital: instruments and provisions under phase-out arrangements	209,277		442,145		
	of which: amounts of counted in to base instruments of Tier 2 under phase-out arrangements that related other comprehensive income	209,277		442,145		
51	Tier 2 capital: instruments and provisions (H)	1,722,688		1,955,585		

(Millions of Yen, %)

Basel III Template No.	Items	As of September 30, 2017	Amounts excluded under transitional arrangements	As of September 30, 2016	Amounts excluded under transitional arrangements	Ref. No.
Tier 2 capital: regulatory adjustments						
52	Investments in own Tier 2 instruments	—	—	—	—	A20
53	Reciprocal cross-holdings in Tier 2 instruments	—	—	—	—	A21
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)	—	—	—	—	A22
55	Significant investments in the capital banking, financial and insurance entities that are outside the scope of regulatory consolidation (net of eligible short positions)	—	—	—	—	A23
	Total of items included in Tier 2 capital: regulatory adjustments under phase-out arrangements	<b>14,776</b>		33,442		
	of which: intangibles assets other than mortgage servicing rights	<b>2,654</b>		5,778		
	of which: 50% of balance due to pay of eligible provisions	<b>2,166</b>		8,048		
	of which: significant investments in the additional Tier 1 capital of other financial institutions	<b>9,955</b>		19,614		
57	Tier 2 capital: regulatory adjustments (I)	<b>14,776</b>		33,442		
Tier 2 capital (T2)						
58	Tier 2 capital (T2) ((H)-(I)) (J)	<b>1,707,912</b>		1,922,143		
Total capital (TC=T1+T2)						
59	Total capital (TC=T1+T2) ((G)+(J)) (K)	<b>8,401,604</b>		8,252,037		
Risk weighted assets						
	Total of items included in risk weighted assets under phase-out arrangements	<b>12,727</b>		16,298		
	of which: intangibles assets other than mortgage servicing rights	<b>5,746</b>		7,495		
	of which: net defined-benefit asset	<b>6,685</b>		8,213		
	of which: significant investments in the Additional Tier 1 capital of Other Financial Institutions (net of eligible short positions)	<b>294</b>		589		
60	Risk weighted assets (L)	<b>35,681,820</b>		31,275,045		
Capital Ratio (consolidated)						
61	Common Equity Tier 1 capital ratio (consolidated) ((C)/(L))	<b>18.72%</b>		20.19%		
62	Tier 1 capital ratio (consolidated) ((G)/(L))	<b>18.75%</b>		20.23%		
63	Total capital ratio (consolidated) ((K)/(L))	<b>23.54%</b>		26.38%		
Regulatory Adjustments						
72	Non-significant investments in the capital of Other Financial Institutions that are below the thresholds for deduction (before risk weighting)	<b>342,609</b>		305,318		A24.1+A24.2
73	Significant investments in the common stock of Other Financial Institutions that are below the thresholds for deduction (before risk weighting)	<b>50,666</b>		50,391		A25
74	Mortgage servicing rights that are below the thresholds for deduction (before risk weighting)	—		—		A26
75	Deferred tax assets arising from temporary differences that are below the thresholds for deduction (before risk weighting)	—		—		A27

(Millions of Yen, %)

Basel III Template No.	Items	As of September 30, 2017	Amounts excluded under transitional arrangements	As of September 30, 2016	Amounts excluded under transitional arrangements	Ref. No.
Provisions included in Tier 2 capital: instruments and provisions						
76	Provisions (general reserve for possible loan losses)	12		5		
77	Cap on inclusion of provisions (general reserve for possible loan losses)	135		116		
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	195,747		166,909		
Capital instruments under phase-out arrangements						
82	Current cap on Additional Tier 1 instruments under phase-out arrangements	424		509		
83	Amount excluded from Additional Tier 1 due to cap (excess over cap after redemptions and maturities) (if the amount is negative, report as "nil")	424		339		
84	Current cap on Tier 2 instruments under phase-out arrangements	768,003		921,604		
85	Amount excluded from Tier 2 due to cap (excess over cap after redemptions and maturities) (if the amount is negative, report as "nil")	—		—		

## Explanation on Reconciliation between Balance Sheet Items and Regulatory Capital Elements (Consolidated)

As of September 30, 2017

(Millions of Yen)

Items	Consolidated balance sheet amount	Balance sheet amount based on regulatory scope of consolidation	Ref. No.
(Assets)			
Loans and Bills Discounted	11,766,118		
Investments in the instruments of banking, financial and insurance entities that are outside the scope of regulatory consolidation, where the bank does not own more than 10% of the issued share capital		103,000	
Tier 2 capital		—	
Non-significant investments in the capital of other financials that are below the thresholds for deduction (before risk weighting)		103,000	A24.1
Foreign Exchanges Assets	215,432		
Securities	62,546,412	62,546,412	
Money Held in Trust	8,192,529	8,192,529	
Securities and Money Held in Trust of which: Goodwill and those equivalents (excluding those reported in the Intangible Fixed Assets)		13,270	A1.1
Securities and Money Held in Trust of which: Investments in own capital instruments		—	
Common Equity (excluding those reported in the Net Assets section)		—	A5
Additional Tier 1 capital		—	A14
Tier 2 capital		—	A20
Securities and Money Held in Trust of which: Reciprocal cross-holdings in capital instruments		—	
Common Equity		—	A6
Additional Tier 1 capital		—	A15
Tier 2 capital		—	A21

(Millions of Yen)

Items	Consolidated balance sheet amount	Balance sheet amount based on regulatory scope of consolidation	Ref. No.
Securities and Money Held in Trust of which: Investments in the instruments of banking, financial and insurance entities that are outside the scope of regulatory consolidation, where the bank does not own more than 10% of the issued share capital		<b>239,609</b>	
Common Equity		—	A7
Additional Tier 1 capital		—	A16
Tier 2 capital		—	A22
Non-significant investments in the capital of other financials that are below the thresholds for deduction (before risk weighting)		<b>239,609</b>	A24.2
Securities and Money Held in Trust of which: Significant investments in the common stock of banking, financial and insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions		<b>100,733</b>	
Amount exceeding the 10% threshold on specified items		—	A8
Amount exceeding the 15% threshold on specified items		—	A11
Additional Tier 1 capital		<b>50,067</b>	A17
Tier 2 capital		—	A23
Significant investments in the common stock of financials that are below the thresholds for deduction (before risk weighting)		<b>50,666</b>	A25
Trading Assets	<b>9,940</b>		
Monetary Claims Bought	<b>281,439</b>		
Call Loans and Bills Bought	<b>353,746</b>		
Receivables under Resale Agreements	—		
Receivables under Securities Borrowing Transactions	—		
Cash and Due from Banks	<b>26,714,355</b>		
Other Assets	<b>1,625,076</b>		
Tangible Fixed Assets	<b>123,867</b>		
Intangible Fixed Assets	<b>38,630</b>	<b>38,630</b>	
of which: Goodwill and those equivalents (excluding those reported in the Net Assets section)		—	A1.2
of which: Other intangible assets other than goodwill and mortgage servicing rights		<b>38,630</b>	A2.1
of which: Amount that corresponds to effective tax rate to other intangible assets other than goodwill and mortgage servicing rights		<b>9,895</b>	A2.2
of which: Mortgage servicing rights (net of related deferred tax liabilities)		—	
Amount exceeding the 10% threshold on specified items		—	A9
Amount exceeding the 15% threshold on specified items		—	A12
Amount below the thresholds for deduction (before risk weighting)		—	A26
Amounts of assets related to retirement benefits	<b>46,268</b>	<b>46,268</b>	A4
Deferred Tax Assets	<b>6,353</b>	<b>6,353</b>	
of which: Deferred tax assets that rely on future profitability excluding those arising from temporary differences (net of related deferred tax liabilities)		—	A3
of which: Deferred tax assets arising from temporary differences (net of related deferred tax liabilities)		—	
Amount exceeding the 10% threshold on specified items		—	A10
Amount exceeding the 15% threshold on specified items		—	A13
Amount below the thresholds for deduction (before risk weighting)		—	A27
Customers' Liabilities for Acceptances and Guarantees	<b>1,338,261</b>		
Reserve for Possible Loan Losses	<b>(56,878)</b>	<b>(56,878)</b>	
of which: general reserve for possible loan losses includes Tier 2		<b>(12)</b>	A18
of which: eligible provisions includes Tier 2		—	A19
Reserve for Possible Investment Losses	<b>(3)</b>		
Total Assets	<b>113,201,550</b>		
(Liabilities)			
Deposits	<b>65,261,852</b>		
Negotiable Certificates of Deposit	<b>3,248,360</b>		
Debentures	<b>2,090,958</b>		

(Millions of Yen)

Items	Consolidated balance sheet amount	Balance sheet amount based on regulatory scope of consolidation	Ref. No.
Bonds	—	—	
of which: Qualifying Additional Tier 1 instruments		—	D1.1
of which: Qualifying Tier 2 instruments		—	D2.1
Trading liabilities	5,589		
Borrowed money	4,716,146	4,716,146	
of which: Qualifying Additional Tier 1 instruments		—	D1.2
of which: Qualifying Tier 2 instruments		1,415,480	D2.2
Call Money and Bills Sold	2,705		
Payables under Repurchase Agreements	21,157,106		
Payables under Securities Lending Transactions	—		
Foreign Exchanges Liabilities	7		
Trust Money	2,198,929		
Other Liabilities	5,326,002		
Reserve for Bonus Payments	7,655		
Liabilities Related to Retirement Benefits	38,330		
Reserve for Directors' Retirement Benefits	1,306		
Reserve for Agriculture, Fishery and Forestry Industry Subsidies	21		
Deferred Tax Liabilities	630,294	630,294	
of which: assets related to retirement benefits		12,839	D3
Deferred Tax Liabilities for Land Revaluation	8,607	8,607	
Acceptances and Guarantees	1,338,261		
Total Liabilities	106,032,137		
(Net Assets)			
Paid-in Capital	3,480,488	3,480,488	E1.1
of which: Preferred stock		24,999	E1.2
of which: Directly issued qualifying Additional Tier 1 instruments plus related capital surplus of which classified as equity under applicable accounting standards		24,500	E5.1
Capital Surplus	24,993	24,993	
of which: other capital surplus		20	E1.3
of which: Directly issued qualifying Additional Tier 1 instruments plus related capital surplus of which classified as equity under applicable accounting standards		24,473	E5.2
Retained Earnings	1,947,301	1,947,301	E2
Treasury Preferred Stock	(150)	(150)	
Total Owners' Equity	5,452,634	5,452,634	
of which: Others		—	E3
of which: Directly issued qualifying Tier 2 instruments plus related capital surplus of which classified as equity under applicable accounting standards		—	E6
Net Unrealized Gains on Other Securities	1,726,800	1,726,800	
Net Deferred Losses on Hedging Instruments	(44,307)	(44,307)	
of which: Net Deferred Losses on Hedge		11,821	E7
Revaluation Reserve for Land	14,312	14,312	
Foreign Currency Translation Adjustment	(48)	(48)	
Remeasurements of Defined Benefit Plans	11,347	11,347	
Total Accumulated Other Comprehensive Income	1,708,104	1,708,104	E4
Non-controlling Interests	8,674	8,674	
of which: Common equity issued by subsidiaries and held by third parties (amount allowed in group CET1)		—	E8.1
of which: Additional Tier 1 instruments issued by subsidiaries and held by third parties (amount allowed in group AT1)		3,318	E8.2
of which: Tier 2 instruments issued by subsidiaries and held by third parties (amount allowed in group Tier 2)		102	E8.3
Total Net Assets	7,169,413		
Total Liabilities and Net Assets	113,201,550		

Notes: 1. "Balance sheet amount based on regulatory scope of consolidation" refers only to the items used in calculating capital adequacy.

2. "Balance sheet amount based on regulatory scope of consolidation" does not reflect transitional arrangements so that the amount of the column consists of the amount included in capital adequacy and the amount excluded under transitional arrangements in "Composition of Capital."

## As of September 30, 2016

(Millions of Yen)

Items	Consolidated balance sheet amount	Balance sheet amount based on regulatory scope of consolidation	Ref. No.
(Assets)			
Loans and Bills Discounted	12,854,382		
Investments in the instruments of banking, financial and insurance entities that are outside the scope of regulatory consolidation, where the bank does not own more than 10% of the issued share capital		103,000	
Tier 2 capital		—	
Non-significant investments in the capital of other financials that are below the thresholds for deduction (before risk weighting)		103,000	A24.1
Foreign Exchanges Assets	201,177		
Securities	54,676,884	54,676,884	
Money Held in Trust	5,547,822	5,547,822	
Securities and Money Held in Trust of which: Goodwill and those equivalents (excluding those reported in the Intangible Fixed Assets)		14,446	A1.1
Securities and Money Held in Trust of which: Investments in own capital instruments		—	
Common Equity (excluding those reported in the Net Assets section)		—	A5
Additional Tier 1 capital		—	A14
Tier 2 capital		—	A20
Securities and Money Held in Trust of which: Reciprocal cross-holdings in capital instruments		—	
Common Equity		—	A6
Additional Tier 1 capital		—	A15
Tier 2 capital		—	A21
Securities and Money Held in Trust of which: Investments in the instruments of banking, financial and insurance entities that are outside the scope of regulatory consolidation, where the bank does not own more than 10% of the issued share capital		202,318	
Common Equity		—	A7
Additional Tier 1 capital		—	A16
Tier 2 capital		—	A22
Non-significant investments in the capital of other financials that are below the thresholds for deduction (before risk weighting)		202,318	A24.2
Securities and Money Held in Trust of which: Significant investments in the common stock of banking, financial and insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions		99,716	
Amount exceeding the 10% threshold on specified items		—	A8
Amount exceeding the 15% threshold on specified items		—	A11
Additional Tier 1 capital		49,325	A17
Tier 2 capital		—	A23
Significant investments in the common stock of financials that are below the thresholds for deduction (before risk weighting)		50,391	A25
Trading Assets	9,642		
Monetary Claims Bought	257,399		
Call Loans and Bills Bought	136,181		
Receivables under Resale Agreements	—		
Receivables under Securities Borrowing Transactions	1,013		
Cash and Due from Banks	26,249,127		
Other Assets	1,019,096		
Tangible Fixed Assets	108,635		

(Millions of Yen)

Items	Consolidated balance sheet amount	Balance sheet amount based on regulatory scope of consolidation	Ref. No.
Intangible Fixed Assets	25,133	25,133	
of which: Goodwill and those equivalents (excluding those reported in the Net Assets section)		—	A1.2
of which: Other intangible assets other than goodwill and mortgage servicing rights		25,133	A2.1
of which: Amount that corresponds to effective tax rate to other intangible assets other than goodwill and mortgage servicing rights		6,394	A2.2
of which: Mortgage servicing rights (net of related deferred tax liabilities)		—	
Amount exceeding the 10% threshold on specified items		—	A9
Amount exceeding the 15% threshold on specified items		—	A12
Amount below the thresholds for deduction (before risk weighting)		—	A26
Amounts of assets related to retirement benefits	28,421	28,421	A4
Deferred Tax Assets	2,177	2,177	
of which: Deferred tax assets that rely on future profitability excluding those arising from temporary differences (net of related deferred tax liabilities)		—	A3
of which: Deferred tax assets arising from temporary differences (net of related deferred tax liabilities)		—	
Amount exceeding the 10% threshold on specified items		—	A10
Amount exceeding the 15% threshold on specified items		—	A13
Amount below the thresholds for deduction (before risk weighting)		—	A27
Customers' Liabilities for Acceptances and Guarantees	1,126,864		
Reserve for Possible Loan Losses	(83,549)	(83,549)	
of which: general reserve for possible loan losses includes Tier 2		(5)	A18
of which: eligible provisions includes Tier 2		—	A19
Reserve for Possible Investment Losses	(5)		
Total Assets	102,160,405		
(Liabilities)			
Deposits	61,612,319		
Negotiable Certificates of Deposit	2,155,187		
Debentures	2,767,760		
Bonds	—	—	
of which: Qualifying Additional Tier 1 instruments		—	D1.1
of which: Qualifying Tier 2 instruments		—	D2.1
Trading liabilities	8,477		
Borrowed money	3,542,235	3,542,235	
of which: Qualifying Additional Tier 1 instruments		—	D1.2
of which: Qualifying Tier 2 instruments		1,415,480	D2.2
Call Money and Bills Sold	5,056		
Payables under Repurchase Agreements	17,045,055		
Payables under Securities Lending Transactions	1,013		
Foreign Exchanges Liabilities	3		
Trust Money	1,960,753		
Other Liabilities	4,171,376		
Reserve for Bonus Payments	7,889		
Liabilities Related to Retirement Benefits	39,437		
Reserve for Directors' Retirement Benefits	1,128		
Reserve for Agriculture, Fishery and Forestry Industry Subsidies	6,746		
Deferred Tax Liabilities	639,037	639,037	
of which: assets related to retirement benefits		7,886	D3
Deferred Tax Liabilities for Land Revaluation	8,718	8,718	
Acceptances and Guarantees	1,126,864		
Total Liabilities	95,099,062		
(Net Assets)			
Paid-in Capital	3,480,488	3,480,488	E1.1
of which: Preferred stock		24,999	E1.2
of which: Directly issued qualifying Additional Tier 1 instruments plus related capital surplus of which classified as equity under applicable accounting standards		24,500	E5.1

(Millions of Yen)

Items	Consolidated balance sheet amount	Balance sheet amount based on regulatory scope of consolidation	Ref. No.
Capital Surplus	25,020	25,020	
of which: other capital surplus		20	E1.3
of which: Directly issued qualifying Additional Tier 1 instruments plus related capital surplus of which classified as equity under applicable accounting standards		24,500	E5.2
Retained Earnings	1,847,320	1,847,320	E2
Treasury Preferred Stock	(150)	(150)	
Total Owners' Equity	5,352,679	5,352,679	
of which: Others		—	E3
of which: Directly issued qualifying Tier 2 instruments plus related capital surplus of which classified as equity under applicable accounting standards		—	E6
Net Unrealized Gains on Other Securities	1,953,076	1,953,076	
Net Deferred Losses on Hedging Instruments	(266,583)	(266,583)	
of which: Net Deferred Losses on Hedge		(77,050)	E7
Revaluation Reserve for Land	14,600	14,600	
Foreign Currency Translation Adjustment	(161)	(161)	
Remeasurements of Defined Benefit Plans	(239)	(239)	
Total Accumulated Other Comprehensive Income	1,700,692	1,700,692	E4
Non-controlling Interests	7,970	7,970	
of which: Common equity issued by subsidiaries and held by third parties (amount allowed in group CET1)		—	E8.1
of which: Additional Tier 1 instruments issued by subsidiaries and held by third parties (amount allowed in group AT1)		3,117	E8.2
of which: Tier 2 instruments issued by subsidiaries and held by third parties (amount allowed in group Tier 2)		139	E8.3
Total Net Assets	7,061,342		
Total Liabilities and Net Assets	102,160,405		

Notes: 1. "Balance sheet amount based on regulatory scope of consolidation" refers only to the items used in calculating capital adequacy.

2. "Balance sheet amount based on regulatory scope of consolidation" does not reflect transitional arrangements so that the amount of the column consists of the amount included in capital adequacy and the amount excluded under transitional arrangements in "Composition of Capital."

## Capital Adequacy (Consolidated)

(Minimum amount of regulatory required capital and breakdown for each risk category)

### Regulatory Required Capital

(Billions of Yen)

Items	As of September 30, 2017		As of September 30, 2016	
	EAD	Regulatory Required Capital	EAD	Regulatory Required Capital
Amount of regulatory required capital for credit risk	150,630	2,712	132,362	2,330
Exposure subject to Internal Ratings-Based Approach	133,841	2,687	117,649	2,312
Corporate exposure (excluding Specialized Lending)	8,545	189	6,781	246
Corporate exposure (Specialized Lending)	720	53	336	27
Sovereign exposure	69,663	0	65,718	0
Bank exposure	17,049	94	15,878	119
Retail exposure	1,375	42	1,180	38
Retail exposure secured by residential properties	1,331	38	1,137	34
Qualifying revolving retail exposure	—	—	—	—
Other retail exposure	43	4	43	4
Securitization and re-securitization exposure	7,205	44	5,237	34
Equity portfolios	1,348	212	1,123	182
Equity portfolios subject to PD/LGD approaches	863	85	716	73
Equity portfolios subject to simple risk-weighted method	111	37	99	33
Equities under the internal models approach	373	90	307	76
Exposure subject to risk-weighted asset calculation for investment fund	27,355	2,031	20,849	1,641
Other debt purchased	351	5	340	12
Other exposures	227	13	202	8
Exposure subject to Standardized Approach	52	0	52	0
Assets subject to Standardized Approach on a non-consolidated basis	4	0	3	0
Assets subject to Standardized Approach in consolidated companies (excluding securitization exposure)	47	0	49	0
Assets subject to Standardized Approach in consolidated companies (securitization exposure)	—	—	—	—
Amount corresponding to CVA risk	249	4	606	5
CCP-related exposures	16,463	18	14,017	10
Items that included by transitional arrangements	22	1	35	1
Amount of regulatory required capital for market risk		149		187
Standardized Approach		148		187
Interest rate risk category		—		—
Equity risk category		—		—
Foreign exchange risk category		148		187
Commodity risk category		—		—
Option transactions		—		—
Internal models Approach		0		0
Amount of regulatory required capital for operational risk		71		72
Offsets on consolidation		2,933		2,590

Notes: 1. Regulatory required capital for credit risk = 8% of risk-weighted assets for credit risk + Expected losses

2. Within the Exposure subject to Internal Ratings-Based Approach (excluding retail exposure), the EAD subject to the Advanced Internal Ratings-Based Approach and the amount of regulatory required capital are ¥8,858.9 billion and ¥184.9 billion, respectively.

3. "Risk-weighted asset calculation for investment fund" is risk-weighted assets as calculated according to the method specified in Notification Regarding Capital Adequacy Ratio, Article 144.

4. "Risk-weighted asset calculation for investment fund" does not include ¥171.1 billion EAD and ¥0.2 billion of Required Capital of CCP-related exposures.

5. Under "The Standardized Approach (TSA)," which is a method for computing the amount corresponding to operational risk, the gross profit for one year is allocated among the business activities as specified in Appendix Table 1 of the Notification Regarding Capital Adequacy Ratio. The multiplier specified for each business activity classification is multiplied by the gross profit, and the average of the annual totals for the past three years is taken to be the amount corresponding to operational risk (Notification Regarding Capital Adequacy Ratio, Article 282).

(Billions of Yen)

Item	As of September 30, 2017	As of September 30, 2016
Consolidated total required capital	2,854	2,502

Note: Consolidated total required capital is an amount that results from multiplying the denominator of the formula by 8% as stipulated in Notification Regarding Capital Adequacy Ratio, Article 2.

**Credit Risk (Consolidated)**

(Investment Fund and securitization exposures are excluded.)

**1. Credit Risk Exposure**

For the Six Months Ended September 30, 2017

**Geographic Distribution of Exposure, Details in Significant Areas by Major Types of Credit Risk Exposure**

(Billions of Yen)

Items	Loans, commitments, off-balance sheet exposure	Securities	Derivatives	Others	Total credit risk exposure	Default exposure
Japan	11,709	16,920	4	29,099	57,733	90
Asia except Japan	327	146	—	234	708	—
Europe	321	9,462	128	9,490	19,403	—
The Americas	923	16,347	2	18,446	35,720	—
Other areas	390	186	—	236	813	—
Amounts held by consolidated subsidiaries	1,375	28	—	58	1,462	5
Total	15,047	43,092	135	57,566	115,841	95

**Industry Distribution of Exposure, Details by Major Types of Credit Risk Exposure**

(Billions of Yen)

Items	Loans, commitments, off-balance sheet exposure	Securities	Derivatives	Others	Total credit risk exposure	Default exposure	Write-off of loans (amounts of partial direct write-off)
Manufacturing	2,826	507	0	0	3,334	63	2
Agriculture	49	0	0	0	50	5	0
Forestry	5	—	—	—	5	0	—
Fishing	18	0	—	0	18	10	—
Mining	13	—	—	0	13	—	—
Construction	81	12	—	0	93	0	—
Utility	409	5	—	0	415	—	—
Information/telecommunications	112	10	—	0	122	—	—
Transportation	641	176	2	0	820	2	—
Wholesaling, retailing	1,623	123	0	0	1,747	3	—
Finance and insurance	3,059	6,336	131	57,273	66,800	0	—
Real estate	689	154	—	2	846	0	—
Services	1,640	88	0	1	1,730	3	0
Municipalities	33	0	—	0	33	—	—
Other	2,467	35,647	0	230	38,344	0	—
Amounts held by consolidated subsidiaries	1,375	28	—	58	1,462	5	0
Total	15,047	43,092	135	57,566	115,841	95	3

Note: "Others" within "Finance and insurance" includes repo transactions, call loans, and certain other items.

## Residual Contractual Maturity Breakdown of Credit Risk Exposure

(Billions of Yen)

Items	Loans, commitments, off-balance sheet exposure	Securities	Derivatives	Others	Total credit risk exposure
In 1 year	6,591	6,198	0	56,217	69,008
Over 1 year to 3 years	2,146	14,212	1	5	16,366
Over 3 years to 5 years	2,729	8,234	1	0	10,964
Over 5 years to 7 years	976	2,815	0	0	3,792
Over 7 years	1,225	9,593	131	0	10,950
No term to maturity	2	2,009	—	1,284	3,296
Amounts held by consolidated subsidiaries	1,375	28	—	58	1,462
Total	15,047	43,092	135	57,566	115,841

Notes: 1. The amount of credit exposure at the end of the period does not substantially differ from the average-risk position for the six months ended September 30, 2017.

2. The amounts of credit-risk exposure held by consolidated subsidiaries are extremely limited, amounting only to about 1% of consolidated risk exposure, so only the total amounts held by these subsidiaries are shown.

3. Within credit risk exposure, credit risk exposure subject to the Standardized Approach was ¥52.7 billion.

4. Default exposure is classified in the Bank's self-assessment as being under "Debtor Under Requirement of Control."

## For the Six Months Ended September 30, 2016

### Geographic Distribution of Exposure, Details in Significant Areas by Major Types of Credit Risk Exposure

(Billions of Yen)

Items	Loans, commitments, off-balance sheet exposure	Securities	Derivatives	Others	Total credit risk exposure	Default exposure
Japan	13,107	15,386	48	27,562	56,105	78
Asia except Japan	230	146	22	111	509	—
Europe	263	8,806	120	7,955	17,145	—
The Americas	764	14,299	76	14,789	29,930	—
Other areas	141	367	25	205	739	—
Amounts held by consolidated subsidiaries	1,180	29	—	58	1,268	5
Total	15,687	39,035	293	50,683	105,699	84

### Industry Distribution of Exposure, Details by Major Types of Credit Risk Exposure

(Billions of Yen)

Items	Loans, commitments, off-balance sheet exposure	Securities	Derivatives	Others	Total credit risk exposure	Default exposure	Write-off of loans (amounts of partial direct write-off)
Manufacturing	2,536	406	1	0	2,945	23	—
Agriculture	37	0	0	0	37	5	0
Forestry	6	—	—	—	6	0	—
Fishing	22	0	—	0	22	15	—
Mining	12	—	—	0	12	—	—
Construction	81	10	—	0	91	0	—
Utility	258	5	—	0	263	—	—
Information/telecommunications	125	6	—	0	132	—	—
Transportation	582	117	3	0	703	6	—
Wholesaling, retailing	1,549	114	0	0	1,664	7	0
Finance and insurance	2,538	8,372	287	50,416	61,615	0	—
Real estate	593	141	—	2	737	14	—
Services	1,306	79	0	1	1,386	4	1
Municipalities	48	0	—	0	48	—	—
Other	4,807	29,751	—	204	34,763	0	—
Amounts held by consolidated subsidiaries	1,180	29	—	58	1,268	5	1
Total	15,687	39,035	293	50,683	105,699	84	2

Note: "Others" within "Finance and insurance" includes repo transactions, call loans, and certain other items.

## Residual Contractual Maturity Breakdown of Credit Risk Exposure

(Billions of Yen)

Items	Loans, commitments, off-balance sheet exposure	Securities	Derivatives	Others	Total credit risk exposure
In 1 year	9,029	4,684	149	49,841	63,705
Over 1 year to 3 years	1,773	12,405	136	5	14,321
Over 3 years to 5 years	1,991	14,354	2	0	16,348
Over 5 years to 7 years	804	2,318	0	0	3,123
Over 7 years	902	3,700	4	0	4,606
No term to maturity	5	1,542	—	778	2,326
Amounts held by consolidated subsidiaries	1,180	29	—	58	1,268
<b>Total</b>	<b>15,687</b>	<b>39,035</b>	<b>293</b>	<b>50,683</b>	<b>105,699</b>

Notes: 1. The amount of credit exposure at the end of the period does not substantially differ from the average-risk position for the six months ended September 30, 2016.

2. The amounts of credit-risk exposure held by consolidated subsidiaries are extremely limited, amounting only to about 1% of consolidated risk exposure, so only the total amounts held by these subsidiaries are shown.

3. Within credit risk exposure, credit risk exposure subject to the Standardized Approach was ¥53.5 billion.

4. Default exposure is classified in the Bank's self-assessment as being under "Debtor Under Requirement of Control."

## 2. Reserves for Possible Loan Losses

### Increase/Decrease in General Reserve for Possible Loan Losses, Specific Reserve for Possible Loan Losses and the Specific Reserve for Loans to Countries with Financial Problems by Region

(Billions of Yen)

Items	As of September 30, 2017	As of September 30, 2016	Increase/(decrease)
General reserve for possible loan losses	35	12	22
Specific reserve for possible loan losses	17	32	(14)
Japan	17	32	(14)
Asia except Japan	—	—	—
Europe	—	—	—
The Americas	—	—	—
Other areas	—	—	—
Amounts held by consolidated subsidiaries	3	3	0
Offsets on consolidation	(1)	(1)	0
Specified reserve for loans to countries with financial problems	—	—	—
Total	54	47	7

### Increase/Decrease in General Reserve for Possible Loan Losses, Specific Reserve for Possible Loan Losses and the Specified Reserve for Loans to Countries with Financial Problems by Industry

(Billions of Yen)

Items	As of September 30, 2017	As of September 30, 2016	Increase/(decrease)
General reserve for possible loan losses	35	12	22
Specific reserve for possible loan losses	17	32	(14)
Manufacturing	2	7	(5)
Agriculture	4	4	(0)
Forestry	0	0	(0)
Fishing	5	5	(0)
Mining	—	—	—
Construction	—	0	(0)
Utility	—	—	—
Information/telecommunications	—	—	—
Transportation	1	1	(0)
Wholesaling, retailing	1	1	(0)
Finance and insurance	0	0	(0)
Real estate	—	7	(7)
Services	1	2	(0)
Municipalities	—	—	—
Other	—	—	—
Others	—	—	—
Amount held by consolidated subsidiaries	3	3	0
Offsets on consolidation	(1)	(1)	0
Specified reserve for loans to countries with financial problems	—	—	—
Total	54	47	7

### 3. Exposure Subject to the Internal Ratings-Based Approach

#### a. Corporate, Sovereign and Bank Exposure

For the Six Months Ended September 30, 2017

(Billions of Yen)

Ratings	Weighted-average PD	Weighted-average LGD	Weighted-average EL default	Weighted-average risk weight	EAD	EAD		Amount of undrawn commitments	Weighted average of credit conversion factor
						(on-balance sheet)	(off-balance sheet)		
Corporate Exposure	1.20%	28.97%		28%	8,545	6,509	2,035	834	75.00%
1-1 to 4	0.10%	29.08%		22%	8,058	6,062	1,996	815	75.00%
5 to 7	1.62%	27.63%		75%	359	335	23	8	75.00%
8-1 to 8-2	15.82%	28.41%		203%	46	40	6	2	75.00%
Subtotal	0.25%	29.01%		25%	8,464	6,437	2,026	826	75.00%
8-3 to 10-2	100.00%	24.94%	24.94%	312%	81	71	9	8	75.00%
Sovereign Exposure	0.00%	44.99%		0%	69,663	67,405	2,257	17	75.00%
1-1 to 4	0.00%	44.99%		0%	69,663	67,405	2,257	17	75.00%
5 to 7	3.21%	45.00%		189%	0	0	—	—	—
8-1 to 8-2	—	—		—	—	—	—	—	—
Subtotal	0.00%	44.99%		0%	69,663	67,405	2,257	17	75.00%
8-3 to 10-2	—	—	—	—	—	—	—	—	—
Bank Exposure	0.05%	16.67%		7%	17,049	4,886	12,163	0	75.00%
1-1 to 4	0.04%	16.59%		7%	16,965	4,805	12,160	0	75.00%
5 to 7	2.02%	31.76%		87%	84	80	3	—	—
8-1 to 8-2	8.94%	28.84%		157%	0	0	0	—	—
Subtotal	0.05%	16.67%		7%	17,049	4,886	12,163	0	75.00%
8-3 to 10-2	—	—	—	—	—	—	—	—	—
Equity Exposure for Credit Risk Using Internal Ratings: PD/LGD Approach	0.12%	90.00%		123%	863	863	—	—	—
1-1 to 4	0.08%	90.00%		121%	853	853	—	—	—
5 to 7	2.15%	90.00%		283%	9	9	—	—	—
8-1 to 8-2	15.84%	90.00%		723%	0	0	—	—	—
Subtotal	0.11%	90.00%		123%	863	863	—	—	—
8-3 to 10-2	100.00%	90.00%	90.00%	1,193%	0	0	—	—	—

Notes: 1. Weighted-averages of PD, LGD, EL default and risk weight are computed based on EAD (including on-balance and off-balance sheets).

2. Risk weight is equivalent to the total of the risk-weighted assets and the amount of dividing the expected loss by 8%, then dividing the result by exposure at default (EAD).

## For the Six Months Ended September 30, 2016

(Billions of Yen)

Ratings	Weighted-average PD	Weighted-average LGD	Weighted-average EL default	Weighted-average risk weight	EAD				
					EAD (on-balance sheet)	EAD (off-balance sheet)	Amount of undrawn commitments	Weighted average of credit conversion factor	
Corporate Exposure	1.16%	43.86%		45%	6,781	5,745	1,035	765	75.00%
1-1 to 4	0.12%	43.82%		35%	6,355	5,344	1,011	758	75.00%
5 to 7	1.58%	44.55%		117%	312	296	16	6	75.00%
8-1 to 8-2	15.83%	44.76%		321%	55	49	6	0	75.00%
Subtotal	0.32%	43.86%		41%	6,724	5,689	1,034	765	75.00%
8-3 to 10-2	100.00%	43.73%	43.73%	551%	57	56	1	—	—
Sovereign Exposure	0.00%	45.00%		0%	65,718	63,877	1,841	7	75.00%
1-1 to 4	0.00%	45.00%		0%	65,718	63,876	1,841	7	75.00%
5 to 7	2.85%	45.00%		180%	0	0	—	—	—
8-1 to 8-2	9.88%	6.57%		92%	0	0	—	—	—
Subtotal	0.00%	45.00%		0%	65,718	63,877	1,841	7	75.00%
8-3 to 10-2	—	—	—	—	—	—	—	—	—
Bank Exposure	0.05%	21.20%		9%	15,878	6,093	9,785	0	75.00%
1-1 to 4	0.04%	21.17%		9%	15,798	6,016	9,781	0	75.00%
5 to 7	2.04%	28.22%		82%	79	75	3	—	—
8-1 to 8-2	8.94%	45.00%		254%	0	0	0	—	—
Subtotal	0.05%	21.20%		9%	15,878	6,093	9,785	0	75.00%
8-3 to 10-2	—	—	—	—	—	—	—	—	—
Equity Exposure for Credit Risk Using Internal Ratings: PD/LGD Approach	0.16%	90.00%		127%	716	716	—	—	—
1-1 to 4	0.08%	90.00%		124%	706	706	—	—	—
5 to 7	2.07%	90.00%		291%	9	9	—	—	—
8-1 to 8-2	15.84%	90.00%		723%	0	0	—	—	—
Subtotal	0.12%	90.00%		127%	716	716	—	—	—
8-3 to 10-2	100.00%	90.00%	90.00%	1,193%	0	0	—	—	—

Notes: 1. Weighted-averages of PD, LGD, EL default and risk weight are computed based on EAD (including on-balance and off-balance sheets).

2. Risk weight is equivalent to the total of the risk-weighted assets and the amount of dividing the expected loss by 8%, then dividing the result by exposure at default (EAD).

▼ Relationship among Internal Rating, Self-Assessment, and Exposure Requiring Mandatory Disclosure under the Financial Revitalization Law

Internal rating	Self-assessments			Exposure requiring mandatory disclosure under the Financial Revitalization Law	
	Debtor classification	Asset category	Definition of asset category		
1-1 1-2 2 3 4 5 6 7	Standard	Category I	Debtors who maintain favorable operating conditions and have no particular financial difficulties. Internal ratings 1-1 to 4 are equivalent to investment grade of credit rating agencies.	Standard	
8-1 8-2 8-3 8-4			Substandard		Other substandard debtors Debtors under requirement of control
9	Doubtful	III	Debtors who are highly likely to fall into bankruptcy	Doubtful	
10-1 10-2	Debtors in default Debtors in bankruptcy	IV	Debtors who have effectively fallen into bankruptcy, although no facts have emerged to indicate legal or formal bankruptcy Debtors who are legally and formally bankrupt	Bankrupt or de facto bankrupt	

## b. Retail Exposure

### Details on PD, LGD, EL Default, Risk Weight and EAD Assets For the Six Months Ended September 30, 2017

(Billions of Yen)

Types of exposure	Weighted-average PD	Weighted-average LGD	Weighted-average EL default	Weighted-average risk weight	EAD				
						EAD (on-balance sheet)	EAD (off-balance sheet)	Amount of undrawn commitments	Weighted average of credit conversion factor
Retail exposure secured by residential properties	0.83%	48.88%	74.69%	38%	1,426	225	1,201	—	—
Not default Not delinquent	0.35%	48.88%		32%	1,413	214	1,198	—	—
Not default Delinquent	24.61%	48.52%		428%	8	6	2	—	—
Not default Subtotal	0.50%	48.88%		34%	1,421	220	1,200	—	—
Default	100.00%		74.69%	1,064%	4	4	0	—	—
Qualifying revolving retail exposure	—	—	—	—	—	—	—	—	—
Not default Not delinquent	—	—		—	—	—	—	—	—
Not default Delinquent	—	—		—	—	—	—	—	—
Not default Subtotal	—	—		—	—	—	—	—	—
Default	—	—	—	—	—	—	—	—	—
Other retail exposure	4.89%	60.33%	97.05%	117%	43	40	3	—	—
Not default Not delinquent	0.82%	60.35%		62%	41	38	3	—	—
Not default Delinquent	22.97%	56.59%		298%	0	0	0	—	—
Not default Subtotal	0.96%	60.33%		64%	42	38	3	—	—
Default	100.00%		97.05%	1,412%	1	1	0	—	—
Total	0.95%	49.21%	80.70%	40%	1,470	265	1,204	—	—
Not default Not delinquent	0.36%	49.21%		33%	1,454	253	1,201	—	—
Not default Delinquent	24.57%	48.76%		424%	9	6	2	—	—
Not default Subtotal	0.51%	49.21%		35%	1,463	259	1,204	—	—
Default	100.00%		80.70%	1,157%	6	5	0	—	—

Notes: 1. Purchased retail receivables in investment funds using estimated parameters have been included in the amount subject to quantitative disclosure.

2. "Not default Delinquent" does not fall under the default definition in the Notification Regarding Capital Adequacy Ratio, but past-due.

3. Risk weight is equivalent to the total of the risk-weighted assets and the amount of dividing the expected loss by 8%, then dividing the result by exposure at default (EAD).

4. For defaulted exposure, the risk weight has been computed taking into account of the unexpected losses on default (LGD default) and the expected losses on default (EL default).

5. As of September 30, 2017, the Bank held no Qualifying revolving retail exposure for which net withdrawals of commitments had occurred.

## For the Six Months Ended September 30, 2016

(Billions of Yen)

Types of exposure	Weighted-average PD	Weighted-average LGD	Weighted-average EL default	Weighted-average risk weight	EAD	EAD (on-balance sheet)	EAD (off-balance sheet)	Amount of undrawn commitments	Weighted average of credit conversion factor
Retail exposure secured by residential properties	0.96%	48.63%	73.02%	40%	1,249	235	1,013	—	—
Not default Not delinquent	0.37%	48.64%	/	33%	1,234	224	1,009	—	—
Not default Delinquent	25.22%	47.66%	/	425%	10	7	3	—	—
Not default Subtotal	0.58%	48.63%	/	36%	1,244	231	1,012	—	—
Default	100.00%	/	73.02%	1,041%	4	4	0	—	—
Qualifying revolving retail exposure	—	—	—	—	—	—	—	—	—
Not default Not delinquent	—	—	/	—	—	—	—	—	—
Not default Delinquent	—	—	/	—	—	—	—	—	—
Not default Subtotal	—	—	/	—	—	—	—	—	—
Default	—	/	—	—	—	—	—	—	—
Other retail exposure	5.18%	60.10%	96.81%	121%	43	40	3	—	—
Not default Not delinquent	0.83%	60.13%	/	62%	41	38	3	—	—
Not default Delinquent	23.31%	55.97%	/	298%	0	0	0	—	—
Not default Subtotal	0.96%	60.10%	/	64%	41	38	3	—	—
Default	100.00%	/	96.81%	1,415%	1	1	0	—	—
Total	1.10%	49.00%	79.69%	43%	1,292	276	1,016	—	—
Not default Not delinquent	0.38%	49.01%	/	34%	1,275	262	1,013	—	—
Not default Delinquent	25.18%	47.85%	/	422%	10	7	3	—	—
Not default Subtotal	0.59%	49.00%	/	37%	1,286	269	1,016	—	—
Default	100.00%	/	79.69%	1,146%	6	6	0	—	—

Notes: 1. Purchased retail receivables in investment funds using estimated parameters have been included in the amount subject to quantitative disclosure.

2. "Not default Delinquent" does not fall under the default definition in the Notification Regarding Capital Adequacy Ratio, but past-due.

3. Risk weight is equivalent to the total of the risk-weighted assets and the amount of dividing the expected loss by 8%, then dividing the result by exposure at default (EAD).

4. For defaulted exposure, the risk weight has been computed taking into account of the unexpected losses on default (LGD default) and the expected losses on default (EL default).

5. As of September 30, 2016, the Bank held no Qualifying revolving retail exposure for which net withdrawals of commitments had occurred.

## c. Actual Losses on Exposure to Corporate, Sovereign, Bank, and Retail Exposure

## Actual Losses by Exposure Types

(Billions of Yen)

Types of exposure	As of September 30, 2017	As of September 30, 2016	Increase/(decrease)
Corporate exposure	8	4	4
Sovereign exposure	—	—	—
Bank exposure	—	—	—
Equity exposure subject to PD/LGD approach	—	—	—
Retail exposure secured by residential properties	0	0	0
Qualifying revolving retail exposure	—	—	—
Other retail exposure	0	0	0
Total	9	4	4

Note: Actual losses are defined as losses due to direct write-offs, partial direct write-offs, specific reserve for possible loan losses, general reserve for possible loan losses and loan sales of exposure that defaulted up to the end of the previous period.

## Comparison between Actual Losses in the Previous Fiscal Year and Past Financial Results and Analysis of Causes

Credit conditions have generally remained favorable, but we increased reserves for possible loan losses in accordance with worsening credit conditions of certain investees. The

total value of actual losses in the first half of fiscal 2017 was up ¥4.4 billion year on year.

## Comparison of Estimated Losses and Actual Losses

(Billions of Yen)

Types of exposure	As of September 30, 2017		As of September 30, 2016		As of March 31, 2017	
	Estimated losses	Actual losses	Estimated losses	Actual losses	Estimated losses	Actual losses
Corporate exposure	5	8	7	4	14	4
Sovereign exposure	0	—	0	—	0	—
Bank exposure	0	—	0	—	1	—
Equity exposure subject to PD/LGD approach	0	—	0	—	0	—
Retail exposure secured by residential properties	1	0	1	0	2	0
Qualifying revolving retail exposure	—	—	—	—	—	—
Other retail exposure	0	0	0	0	0	0

(Billions of Yen)

Types of exposure	As of March 31, 2016		As of March 31, 2015		As of March 31, 2014	
	Estimated losses	Actual losses	Estimated losses	Actual losses	Estimated losses	Actual losses
Corporate exposure	15	1	17	3	20	0
Sovereign exposure	0	—	0	—	0	—
Bank exposure	0	—	0	—	1	—
Equity exposure subject to PD/LGD approach	0	0	0	1	0	—
Retail exposure secured by residential properties	2	0	2	0	2	0
Qualifying revolving retail exposure	—	—	—	—	—	—
Other retail exposure	0	0	0	0	0	0

(Billions of Yen)

Types of exposure	As of March 31, 2013		As of March 31, 2012		As of March 31, 2011	
	Estimated losses	Actual losses	Estimated losses	Actual losses	Estimated losses	Actual losses
Corporate exposure	24	1	42	9	73	7
Sovereign exposure	0	—	0	—	0	—
Bank exposure	0	—	0	—	0	—
Equity exposure subject to PD/LGD approach	0	—	2	0	3	0
Retail exposure secured by residential properties	1	0	1	1	1	0
Qualifying revolving retail exposure	—	—	—	—	—	—
Other retail exposure	1	0	0	0	0	0

(Billions of Yen)

Types of exposure	As of March 31, 2010		As of March 31, 2009		As of March 31, 2008	
	Estimated losses	Actual losses	Estimated losses	Actual losses	Estimated losses	Actual losses
Corporate exposure	55	43	46	25	29	7
Sovereign exposure	0	—	1	—	1	—
Bank exposure	0	—	0	—	0	—
Equity exposure subject to PD/LGD approach	1	0	0	0	1	0
Retail exposure secured by residential properties	1	0	1	0	1	0
Qualifying revolving retail exposure	—	—	—	—	—	—
Other retail exposure	0	0	0	0	0	0

Notes: 1. The scope of estimated and actual losses includes the following accounts on consolidated balance sheet: loans, foreign exchange, accrued interests in other assets, suspense payable and customers' liabilities for acceptances and guarantees, as well as securities without quoted market values, money trusts without quoted market values, and monetary claims purchased.

2. Estimated losses of each year are amount of expected losses.

#### d. Exposure to Specialized Lending Products Subject to Supervisory Slotting Criteria by Risk Weight

#### Amount of Specialized Lending Exposure Subject to Supervisory Slotting Criteria by Risk Weight

(Billions of Yen)

Classifications	As of September 30, 2017	As of September 30, 2016
Specialized Lending exposure subject to supervisory slotting criteria	<b>798</b>	383
Specialized Lending, excluding High-Volatility Commercial Real Estate (HVCRE)	<b>798</b>	383
Risk weight of 50%	<b>59</b>	60
Risk weight of 70%	<b>531</b>	201
Risk weight of 90%	<b>101</b>	68
Risk weight of 115%	<b>52</b>	15
Risk weight of 250%	<b>14</b>	16
Risk weight of 0% (default)	<b>39</b>	20
High-Volatility Commercial Real Estate (HVCRE)	—	—
Risk weight of 70%	—	—
Risk weight of 95%	—	—
Risk weight of 120%	—	—
Risk weight of 140%	—	—
Risk weight of 250%	—	—
Risk weight of 0% (default)	—	—

Notes: 1. "Specialized Lending" refers to loans for Project Finance (PF), Object Finance (OF), Commodity Finance (CF) and Income-Producing Real Estate (IPRE) (as defined in the Notification Regarding Capital Adequacy Ratio, Article 1-1-41).

2. "High-Volatility Commercial Real Estate (HVCRE)" refers to loans that are the financing of commercial real estate that exhibits a higher rate of loss volatility compared to other types of Specialized Lending, as specified in the Notification Regarding Capital Adequacy Ratio, Article 1-1-43.

3. "Specialized Lending exposure subject to supervisory slotting criteria" refers to the amounts of Specialized Lending, subject to the Bank's internal rating system, and have been allotted to the risk asset classifications given in the Notification Regarding Capital Adequacy Ratio, Article 130-4 and Article 130-6, after taking into account of risk weight.

4. For risk weight, the Bank has applied the stipulations contained in the Notification Regarding Capital Adequacy Ratio, Article 130-4 and Article 130-6.

### e. Equity Exposure Subject to the Simple Risk-Weighted Method of the Market-Based Approach by Risk Weight

#### Amount of Equity Exposure Subject to the Simple Risk-Weighted Method of the Market-Based Approach

(Billions of Yen)

Classifications	As of September 30, 2017	As of September 30, 2016
	Equity exposure subject to the simple risk-weighted method of the market-based approach by risk weight	<b>111</b>
Risk weight of 300%	—	—
Risk weight of 400%	<b>111</b>	99

Note: "The simple risk-weighted method of the market-based approach by risk weight" is a method for computing the amount of risk-weighted assets of equity and other investments. Under this method, the market value of listed stocks is multiplied by a risk weight of 300%, and the estimated value of unlisted stocks is multiplied by a risk weight of 400% (Notification Regarding Capital Adequacy Ratio, Article 143-4).

### 4. Exposure Subject to Standardized Approach

#### Amount of Exposure Subject to Standardized Approach

(Billions of Yen)

Classifications	As of September 30, 2017		As of September 30, 2016	
	Exposure	Refer to ECAI	Exposure	Refer to ECAI
Exposure subject to Standardized Approach	<b>52</b>	—	53	—
Risk weight of 0%	<b>37</b>	—	40	—
Risk weight of 10%	<b>0</b>	—	0	—
Risk weight of 20%	<b>4</b>	—	3	—
Risk weight of 35%	—	—	—	—
Risk weight of 50%	—	—	—	—
Risk weight of 75%	—	—	—	—
Risk weight of 100%	<b>9</b>	—	8	—
Risk weight of 150%	—	—	—	—
Risk weight of 1,250%	—	—	—	—
Others	<b>1</b>	—	1	—

Note: "Others" include investment funds which are measured credit risk assets by look-through approach and the assets which are more than 150% and less than 1,250% risk weight.

## Credit Risk Mitigation Techniques (Consolidated)

### Amount of Exposure Subject to Credit Risk Mitigation Techniques (Eligible Financial Collateral, Other Eligible IRB Collateral, Guarantees, Credit Derivatives)

(Billions of Yen)

Classifications	As of September 30, 2017	As of September 30, 2016
Internal Ratings-Based Approach	<b>10,938</b>	8,708
Eligible financial collateral	<b>10,164</b>	7,996
Corporate exposure	—	247
Sovereign exposure	—	0
Bank exposure	<b>10,164</b>	7,749
Other eligible IRB collateral	—	—
Corporate exposure	—	—
Sovereign exposure	—	—
Bank exposure	—	—
Guarantees, Credit Derivatives	<b>773</b>	712
Corporate exposure	<b>411</b>	370
Sovereign exposure	<b>256</b>	256
Bank exposure	<b>105</b>	85
Retail exposure secured by residential properties	—	—
Qualifying revolving retail exposure	—	—
Other retail exposure	—	—
Standardized Approach	—	—
Eligible financial collateral	—	—
Guarantees, Credit Derivatives	—	—

Note: Exposure subject to risk-weighted asset calculation for investment fund is not included.

## Counterparty Credit Risk in Derivative Transactions (Consolidated)

### Methods Used for Calculating Amount of Credit Exposure

The current exposure method has been adopted.

### Breakdown of the Amount of Credit Exposure

(Billions of Yen)

Classifications		As of September 30, 2017	As of September 30, 2016
Total gross replacement costs (limited to items with a value of greater than zero)	(A)	<b>158</b>	426
Total gross add-ons	(B)	<b>562</b>	434
Gross credit exposure	(C)=(A)+(B)	<b>720</b>	860
Foreign exchange related		<b>474</b>	732
Interest rate related		<b>246</b>	127
Equity related		—	0
Credit derivatives		—	—
Transactions with a long settlement period		—	—
Reduction in credit exposure due to netting contracts (including collateral pledged for CSA)	(D)	<b>294</b>	236
Amount of credit exposure before taking into account credit risk mitigation techniques due to collateral	(E)=(C)-(D)	<b>426</b>	624
Amount of collateral	(F)	<b>0</b>	287
Eligible financial collateral		<b>0</b>	287
Amount of credit exposure after taking into account credit risk mitigation techniques due to collateral	(G)=(E)-(F)	<b>425</b>	336

Notes: 1. Derivatives transactions included in risk-weighted assets calculation for investment funds are not included.

2. Under the stipulations of the Notification Regarding Capital Adequacy Ratio, Article 56-1, the amount of credit exposure not computed has not been included.

## Notional Principal Amount of Credit Derivatives Included in Computation of Credit Exposure

(Billions of Yen)

Classifications	As of September 30, 2017	As of September 30, 2016
To buy protection	—	—
Credit default swaps	—	—
Total return swaps	—	—
To sell protection	—	—
Credit default swaps	—	—
Total return swaps	—	—
Notional principal amount of credit derivatives taking into consideration the effect of credit risk mitigation techniques	—	—

Notes: 1. Credit derivatives included in risk-weighted assets for investment funds have not been taken into consideration.

2. Under the stipulations of the Notification Regarding Capital Adequacy Ratio, Article 10-2, 3 and Article 56, the amount of credit risk assets not computed has not been included.

## Securitization Exposure (Consolidated)

### 1. Items to Calculate Risk-Weighted Asset for Credit Risk Detail of Securitization

#### Exposure Held as Originator

(Billions of Yen)

Classifications	As of September 30, 2017	As of September 30, 2016
Total amount of underlying assets	—	—
Amounts of assets held by securitization transactions purpose	—	—
Amounts of securitized exposure	—	—
Gains (losses) on sales of securitization transactions	—	—
Amounts of securitization exposure	—	—
Amounts of re-securitization exposure	—	—
Increase in capital due to securitization transactions	—	—
Amounts of securitization exposure that applied risk weight 1,250%	—	—
Amounts of re-securitization exposure subject to credit risk mitigation techniques	—	—

### Details of Securitization Exposure Held as Investor by Exposure Type

#### For the Six Months Ended September 30, 2017

(Billions of Yen)

Classifications	Total amount of securitization exposure					
	Amount of exposure	Risk weight 1,250%	Re-securitization exposure			Risk weight 1,250%
			Amount of exposure	Re-securitization products (Secondary, tertiary)	Re-securitization products peculiar to regulation	
Amounts of exposures	7,205 (—)	0 (—)	7	0	7	0
Individuals						
Asset-Backed Securities (ABS)	1,103 (—)	— (—)	—	—	—	—
Residential Mortgage-Backed Securities (RMBS)	2,227 (—)	— (—)	—	—	—	—
Real estate						
Commercial Mortgage-Backed Securities (CMBS)	66 (—)	— (—)	—	—	—	—
Corporates						
Subtotal of CDOs (CLO, ABS-CDO, CBO)	3,808 (—)	0 (—)	7	0	7	0
Collateralized Loan Obligations (CLO)	3,808 (—)	— (—)	7	—	7	—
Asset-Backed Securities CDOs (ABS-CDO)	0 (—)	0 (—)	0	0	—	0
Collateralized Bond Obligations (CBO)	— (—)	— (—)	—	—	—	—
Others	— (—)	— (—)	—	—	—	—

Notes: 1. The securitization exposure which contains securitization exposure as underlying asset is called re-securitization exposure.

2. The off-balance exposure has been described in parentheses. There is no re-securitization exposure of the off-balance.

## For the Six Months Ended September 30, 2016

(Billions of Yen)

Classifications	Total amount of securitization exposure					
	Amount of exposure	Risk weight 1,250%	Re-securitization exposure			Risk weight 1,250%
			Amount of exposure	Re-securitization products (Secondary, tertiary)	Re-securitization products peculiar to regulation	
Amounts of exposures	5,237 ( 0)	0 (—)	69	0	69	0
Individuals						
Asset-Backed Securities (ABS)	834 ( 0)	— (—)	—	—	—	—
Residential Mortgage-Backed Securities (RMBS)	2,134 (—)	— (—)	2	—	2	—
Real estate						
Commercial Mortgage-Backed Securities (CMBS)	59 (—)	— (—)	—	—	—	—
Corporates						
Subtotal of CDOs (CLO, ABS-CDO, CBO)	2,209 (—)	0 (—)	66	0	66	0
Collateralized Loan Obligations (CLO)	2,209 (—)	— (—)	66	—	66	—
Asset-Backed Securities CDOs (ABS-CDO)	0 (—)	0 (—)	0	0	—	0
Collateralized Bond Obligations (CBO)	— (—)	— (—)	—	—	—	—
Others	0 ( 0)	— (—)	—	—	—	—

Notes: 1. The securitization exposure which contains securitization exposure as underlying asset is called re-securitization exposure.

2. The off-balance exposure has been described in parentheses. There is no re-securitization exposure of the off-balance.

### Amount of Securitization Exposure Held as Investor and Regulatory Required Capital by Risk-Weighted Category

## For the Six Months Ended September 30, 2017

(Billions of Yen)

Classifications	Amount of exposure			Regulatory required capital		
	On-balance	Off-balance		On-balance	Off-balance	
Amount of securitization exposure	7,198	7,198	—	44	44	—
Risk weight: 20% or less	7,186	7,186	—	43	43	—
Risk weight: exceeding 20% to 50% or less	6	6	—	0	0	—
Risk weight: exceeding 50% to 100% or less	4	4	—	0	0	—
Risk weight: exceeding 100% to 250% or less	—	—	—	—	—	—
Risk weight: exceeding 250% to less than 1,250%	—	—	—	—	—	—
Risk weight: 1,250%	—	—	—	—	—	—
Amount of re-securitization exposure	7	7	—	0	0	—
Risk weight: 20% or less	—	—	—	—	—	—
Risk weight: exceeding 20% to 50% or less	7	7	—	0	0	—
Risk weight: exceeding 50% to 100% or less	—	—	—	—	—	—
Risk weight: exceeding 100% to 250% or less	—	—	—	—	—	—
Risk weight: exceeding 250% to less than 1,250%	—	—	—	—	—	—
Risk weight: 1,250%	0	0	—	0	0	—

## For the Six Months Ended September 30, 2016

(Billions of Yen)

Classifications	Amount of exposure			Regulatory required capital		
		On-balance	Off-balance		On-balance	Off-balance
Amount of securitization exposure	5,168	5,167	0	33	32	0
Risk weight: 20% or less	5,155	5,155	0	31	31	0
Risk weight: exceeding 20% to 50% or less	7	7	—	0	0	—
Risk weight: exceeding 50% to 100% or less	1	1	—	0	0	—
Risk weight: exceeding 100% to 250% or less	4	4	—	0	0	—
Risk weight: exceeding 250% to less than 1,250%	0	—	0	0	—	0
Risk weight: 1,250%	—	—	—	—	—	—
Amount of re-securitization exposure	69	69	—	1	1	—
Risk weight: 20% or less	2	2	—	0	0	—
Risk weight: exceeding 20% to 50% or less	66	66	—	1	1	—
Risk weight: exceeding 50% to 100% or less	—	—	—	—	—	—
Risk weight: exceeding 100% to 250% or less	—	—	—	—	—	—
Risk weight: exceeding 250% to less than 1,250%	—	—	—	—	—	—
Risk weight: 1,250%	0	0	—	0	0	—

### Amount of Re-Securitization Exposure Held as Investor and Subject to Credit Risk Mitigation Techniques

(Billions of Yen)

Classifications	As of September 30, 2017		As of September 30, 2016	
	Amount of exposure	Regulatory required capital	Amount of exposure	Regulatory required capital
Amount of re-securitization exposure	—	—	—	—
Risk weight applied to guarantor: 20% or less	—	—	—	—
Risk weight applied to guarantor: exceeding 20% to 50% or less	—	—	—	—
Risk weight applied to guarantor: exceeding 50% to 100% or less	—	—	—	—
Risk weight applied to guarantor: exceeding 100% to 250% or less	—	—	—	—
Risk weight applied to guarantor: exceeding 250% to less than 1,250%	—	—	—	—
Risk weight applied to guarantor: 1,250%	—	—	—	—

## 2. Securitization Exposure Subject to Market Risk

Not applicable

**Market Risk** (Consolidated)**Computation of Market Risk Amount by the Internal Models Approach**

## ■ VaR

(Millions of Yen)

	For the six months ended September 30, 2017	For the six months ended September 30, 2016
Base date of computation	<b>2017. 9. 30</b>	2016. 9. 30
VaR (For the most recent 60 business days)		
Base date of computation	<b>55</b>	43
Maximum	<b>129</b>	125
Minimum	<b>24</b>	36
Average	<b>62</b>	62

## ■ Stress VaR

(Millions of Yen)

	For the six months ended September 30, 2017	For the six months ended September 30, 2016
Base date of computation	<b>2017. 9. 30</b>	2016. 9. 30
Stress VaR (For the most recent 60 business days)		
Base date of computation	<b>194</b>	220
Maximum	<b>552</b>	316
Minimum	<b>102</b>	83
Average	<b>247</b>	179

## ■ Amount of Market Risk

(Millions of Yen)

		For the six months ended September 30, 2017	For the six months ended September 30, 2016
For the portion computed with the internal models approach (B)+(G)+(J)	(A)	<b>930</b>	727
Value at Risk (MAX (C, D))	(B)	<b>187</b>	188
Amount on base date of computation	(C)	<b>55</b>	43
Amount determined by multiplying (E) by the average for the most recent 60 business days	(D)	<b>187</b>	188
(Multiplier)	(E)	<b>3.00</b>	3.00
(Times exceeding VaR in back testing)	(F)	<b>1</b>	1
Stress Value at Risk (MAX (H, I))	(G)	<b>743</b>	539
Amount on base date of computation	(H)	<b>194</b>	220
Amount determined by multiplying (E) by the average for the most recent 60 business days	(I)	<b>743</b>	539
Additional amount at the time of measuring individual risk	(J)	<b>0</b>	0

- Notes: 1. As a result of back testing conducted in first half of the fiscal 2017, actual gains and losses did not diverge substantially downward from the VaR value.
2. When discrepancies between the model's estimates and actual results go beyond a certain number of times due to the designs of the model, the Bank scrutinizes the relevant model factors and revises the model if necessary.
3. Since the Bank adopts a standardized approach, neither an additional risk nor a comprehensive risk of specific risks of trading account are the measurement objects.

## Equity Exposure (Consolidated)

(Includes items such as shares, excludes items in trading accounts)

### Amount on the Consolidated Balance Sheet and Market Value

(Billions of Yen)

Classifications	As of September 30, 2017		As of September 30, 2016	
	Amount on the consolidated balance sheet	Market value	Amount on the consolidated balance sheet	Market value
Equity exposure	1,348		1,122	
Exposure to publicly traded equity	1,146	1,146	935	935
Exposure to privately held equity	201		187	

Note: Regulatory adjustments in numerator provided for by Notification Regarding Capital Adequacy Ratio, Article 2 were not included.

### Amount of Gain (Loss) due to Sale or Write-Off

(Billions of Yen)

Item	For the six months ended September 30, 2017			For the six months ended September 30, 2016		
	Gain on sales of equities, etc.	Loss on sales of equities, etc.	Write-offs of equities, etc.	Gain on sales of equities, etc.	Loss on sales of equities, etc.	Write-offs of equities, etc.
Equity exposure	3	0	1	32	0	0

Note: Amounts reflect relevant figures posted in the half-year consolidated income statements.

### Amount of Valuation Gains (Losses)

(Billions of Yen)

Item	As of September 30, 2017	As of September 30, 2016
Amount of valuation gains (losses) recognized on the consolidated balance sheet and not recognized in the consolidated statements of operations	494	327

Notes: 1. Exposure is to equity shares issued by both domestic and overseas companies.

2. Regulatory adjustments in numerator provided for by Notification Regarding Capital Adequacy Ratio, Article 2 were not included.

### Unrealized Gains (Losses) Not Recognized on Consolidated Balance Sheets or Consolidated Statements of Income

Not applicable

### Equity Exposure for Each Portfolio Classification

(Billions of Yen)

Classifications	As of September 30, 2017	As of September 30, 2016
	EAD	EAD
Equity portfolios	1,348	1,123
Equity portfolios subject to PD/LGD approaches	863	716
Equity portfolios subject to simple risk-weighted method	111	99
Equities under the internal models approach	373	307

## Exposure Subject to Risk-Weighted Asset Calculation for Investment Fund (Consolidated)

### Amount of Exposure Subject to Risk-Weighted Asset Calculation for Investment Fund

(Billions of Yen)

Classifications	As of September 30, 2017		As of September 30, 2016	
	Exposure	(For reference) Weighted average risk weight	Exposure	(For reference) Weighted average risk weight
Look-through approach	19,566	64%	15,110	66%
Majority approach	803	386%	622	383%
Mandate approach	—	—	—	—
Market-based approach	1,588	326%	1,551	329%
Others (simple approach)	354	425%	249	429%
<b>Total</b>	<b>22,313</b>	<b>92%</b>	<b>17,533</b>	<b>98%</b>

Notes: 1. The “Look-through approach” is a method for computing the risk-weighted assets in fund by totaling the amount of risk-weighted assets for credit risk in individual asset categories. (Please refer to Notification Regarding Capital Adequacy Ratio, Article 144-1.)

2. The “Majority approach” is a method for computing the risk-weighted assets in fund by applying risk weight to the fund as well as equity exposure when the exposure of equity, in terms of value, is major in a fund. (Please refer to the Notification Regarding Capital Adequacy Ratio, Article 144-2.)

3. The “Mandate approach” is a method for computing the risk-weighted assets in fund where only the investment mandate of the fund is known. The risk-weighted assets are computed as follows; It is assumed that the fund first invests, to the maximum extent allowed under its mandate, in the asset classes attracting the highest capital requirement, and then continues making investments in descending order until the maximum total investment level is reached. (Please refer to the Notification Regarding Capital Adequacy Ratio, Article 144-3.)

4. The “Market-based approach” is a method for computing the credit risk of exposure regarded as credit risk assets using the Bank’s internal model (which is a value-at-risk (VaR) model based on the historical simulation method). (Please refer to the Notification Regarding Capital Adequacy Ratio, Article 144-4.)

5. The “Others (simple approach)” is a method for computing the risk-weighted assets in fund by applying risk weight of 400%, when it is judged the probability that the weighted average risk weight will be less than 400%. In all other cases, risk weight of 1,250% is applied to funds. (Please refer to the Notification Regarding Capital Adequacy Ratio, Article 144-5.)

6. (For reference) The sum of the amount of risk-weighted assets (excluding CVA risk amount) and the amount resulting from dividing the expected loss by 8% are divided by EAD to yield the risk weight value.

## Interest Rate Risk (Consolidated)

(The increase or decrease of the profit and loss or in the economic value from interest rate shocks which used for internal management purpose, in terms of interest rate risk excluding trading accounts.)

### Interest Rate Risk Volume Computed with the Internal Model in Core Business Accounts (Excluding Trading Accounts)

(Billions of Yen)

Classifications	As of September 30, 2017	As of September 30, 2016
Interest-rate risk	2,515	1,595
Yen interest rate risk	104	201
U.S. dollar interest rate risk	1,928	1,101
Euro interest rate risk	468	278
Interest rate risk in other currencies	12	13

Notes: 1. Interest rate risk, without taking into account inter-grid factors and correlations with other assets, calculates a one-year holding period and a historical observation period from 1995 to the most recent year of interest rate volatility. The Bank calculated declines in economic value corresponding to a 99% confidence interval for interest rate volatility. Because the interest rate risk of consolidated subsidiaries is limited from the standpoint of the asset value of subsidiaries, the non-consolidated risk of the Bank is calculated.

2. Regarding core deposits, since the balances of deposits, etc., without maturity dates are limited, the Bank does not currently measure their risk volume. In addition, regarding repayments of mortgage-backed securities and callable securities before maturity, risk volume is measured after taking into account of negative convexity due to call conditions and other factors.

## Composition of Leverage Ratio Disclosure (Consolidated)

## Composition of Leverage Ratio Disclosure (Consolidated)

(Millions of yen, %)

Corresponding line # on Basel III disclosure template (Table 2) (*)	Corresponding line # on Basel III disclosure template (Table 1) (*)	Items	As of September 30, 2017	As of September 30, 2016
<b>On-balance sheet exposures (1)</b>				
1		On-balance sheet exposures before deducting adjustment items	<b>110,901,642</b>	100,156,100
1a	1	Total assets reported in the consolidated balance sheet	<b>113,201,550</b>	102,160,405
1b	2	The amount of assets of subsidiaries that are not included in the scope of the leverage ratio on a consolidated basis (-)		
1c	7	The amount of assets of subsidiaries that are included in the scope of the leverage ratio on a consolidated basis (except those included in the total assets reported in the consolidated balance sheet)	—	—
1d	3	The amount of assets that are deducted from the total assets reported in the consolidated balance sheet (except adjustment items) (-)	<b>2,299,908</b>	2,004,304
2	7	The amount of adjustment items pertaining to Tier 1 capital (-)	<b>119,897</b>	94,022
3		Total on-balance sheet exposures (a)	<b>110,781,745</b>	100,062,077
<b>Exposures related to derivative transactions (2)</b>				
4		Replacement cost associated with derivatives transactions, etc.	<b>135,372</b>	293,407
5		Add-on amount associated with derivatives transactions, etc.	<b>256,731</b>	317,140
		The amount of receivables arising from providing cash margin in relation to derivatives transactions, etc.	<b>611,965</b>	378,462
6		The amount of receivables arising from providing cash margin, provided where deducted from the consolidated balance sheet pursuant to the operative accounting framework	—	—
7		The amount of deductions of receivables (out of those arising from providing cash variation margin) (-)	—	—
8		The amount of client-cleared trade exposures for which a bank or bank holding company acting as clearing member is not obliged to make any indemnification (-)		
9		Adjusted effective notional amount of written credit derivatives	—	—
10		The amount of deductions from effective notional amount of written credit derivatives (-)	—	—
11	4	Total exposures related to derivative transactions (b)	<b>1,004,069</b>	989,010
<b>Exposures related to repo transactions (3)</b>				
12		The amount of assets related to repo transactions, etc.	<b>190,889</b>	72,528
13		The amount of deductions from the assets above (line 12) (-)	—	—
14		The exposures for counterparty credit risk for repo transactions, etc.	<b>533,201</b>	448,510
15		The exposures for agent repo transaction		
16	5	The Total exposures related to repo transactions, etc. (c)	<b>724,090</b>	521,039
<b>Exposures related to off-balance sheet transactions (4)</b>				
17		Notional amount of off-balance sheet transactions	<b>3,853,628</b>	3,388,193
18		The amount of adjustments for conversion in relation to off-balance sheet transactions (-)	<b>1,717,770</b>	1,571,515
19	6	Total exposures related to off-balance sheet transactions (d)	<b>2,135,858</b>	1,816,678
<b>Leverage ratio on a consolidated basis (5)</b>				
20		The amount of capital (Tier 1 capital) (e)	<b>6,693,691</b>	6,329,894
21	8	Total exposures ((a)+(b)+(c)+(d)) (f)	<b>114,645,763</b>	103,388,805
22		Leverage ratio on a consolidated basis ((e)/(f))	<b>5.83%</b>	6.12%

Note: Corresponding line # on Basel III disclosure template refers to that in Table 1 and Table 2 in the rule text of "Basel III leverage ratio framework and disclosure requirements" published by the Basel Committee on Banking Supervision on January 12, 2014. (<http://www.bis.org/publ/bcbst270.pdf>)

## Sound Management of Liquidity Risk (Consolidated)

## Quantitative Disclosure Items Concerning a Liquidity Coverage Ratio on a Consolidated Basis

(Millions of Yen, %, the Number of Items)

Items		The current quarter (July 1 to September 30, 2017)		The previous quarter (April 1 to June 30, 2017)	
		Amount before multiplying a cash outflow ratio	Amount after multiplying a cash outflow ratio	Amount before multiplying a cash outflow ratio	Amount after multiplying a cash outflow ratio
High-quality liquid assets (1)					
1	Total high-quality liquid assets	37,230,666		36,748,317	
Cash outflows (2)					
2	Cash outflows relating to unsecured retail funding	59,664	5,987	60,392	6,086
3	of which: stable deposits	333	10	344	10
4	of which: quasi-stable deposits	59,331	5,977	60,048	6,075
5	Cash outflows relating to unsecured wholesale funding	10,626,287	7,962,113	11,828,560	8,483,563
6	of which: qualifying operational deposits	0	0	0	0
7	of which: capital relating to unsecured wholesale funding, excluding qualifying operational deposits and debt securities	9,448,095	6,783,921	10,873,504	7,528,507
8	of which: debt securities	1,178,192	1,178,192	955,056	955,056
9	Cash outflows relating to secured funding, etc.	324,671		310,923	
10	Cash outflows relating to funding programs and credit/liquidity facilities such as derivative transactions, etc.	2,705,770	1,668,668	2,658,400	1,615,008
11	of which: cash outflows relating to derivative transactions	1,418,185	1,418,185	1,366,638	1,366,638
12	of which: cash outflows relating to funding programs	0	0	0	0
13	of which: cash outflows relating to credit/liquidity facilities	1,287,585	250,483	1,291,762	248,370
14	Cash outflows based on an obligation to provide capital	3,951,299	202,558	4,505,997	236,915
15	Cash outflows relating to contingencies	4,193,216	151,773	4,039,668	143,310
16	Total cash outflows	10,315,771		10,795,804	
Cash inflows (3)					
17	Cash inflows relating to secured fund management, etc.	1,256,461	0	2,204,604	0
18	Cash inflows relating to collections of advances, etc.	3,214,108	2,707,879	3,100,220	2,499,028
19	Other cash inflows	6,472,890	964,680	5,635,243	600,583
20	Total cash inflows	10,943,459	3,672,559	10,940,067	3,099,612
Liquidity coverage ratio on a consolidated basis (4)					
21	Sum of high-quality liquid assets that can be included	37,230,666		36,748,317	
22	Net cash outflows	6,643,212		7,696,192	
23	Liquidity coverage ratio on a consolidated basis	560.4%		477.4%	
24	The number of data for calculating the average value	62		62	

## Qualitative Disclosure Items Concerning a Liquidity Coverage Ratio on a Consolidated Basis

## ● Items concerning a change in the consolidated liquidity coverage ratio on a time-series basis

The consolidated liquidity coverage ratio for the current quarter maintained a high and stable level.

## ● Items concerning evaluation of the level of the consolidated liquidity coverage ratio

The consolidated liquidity coverage ratio for the current quarter has tended to be well above the minimum level.

## ● Items concerning the details of the sum of high-quality liquid assets that can be included

In light of the Bank's liquidity coverage ratio, there is no material item.

## ● Other items concerning the consolidated liquidity coverage ratio

In light of the Bank's liquidity coverage ratio, there is no material item.

## Capital Adequacy (Non-Consolidated)

## Capital Ratio Information (Non-Consolidated)

## Composition of Capital (Non-Consolidated)

(Millions of Yen, %)

Basel III Template No.	Items	As of September 30, 2017	Amounts excluded under transitional arrangements	As of September 30, 2016	Amounts excluded under transitional arrangements	Ref. No.
Common Equity Tier 1 capital: instruments and reserves						
1a+2-26	Directly issued qualifying common share capital plus related capital surplus and retained earnings	5,353,147		5,256,902		
1a	of which: capital and capital surplus	3,455,509		3,455,509		E1.1+E1.2
2	of which: retained earnings	1,897,638		1,801,393		E2
26	of which: cash dividends to be paid	—		—		
	of which: other than the above	—		—		E3
3	Valuation and translation adjustments and other disclosed reserves	1,356,349	339,087	1,020,389	680,259	E4
	Total of items included in Common Equity Tier 1 capital: instruments and reserves under phase-out arrangements	—		—		
6	Common Equity Tier 1 capital: instruments and reserves (A)	6,709,497		6,277,292		
Common Equity Tier 1 capital: regulatory adjustments						
8+9	Total intangible assets (net of related tax liability, excluding those relating to mortgage servicing rights)	20,611	5,152	9,988	6,659	
8	of which: goodwill (net of related tax liability, including those equivalent)	—	—	—	—	A1.1+A1.2
9	of which: other intangible assets other than goodwill and mortgage servicing rights (net of related tax liability)	20,611	5,152	9,988	6,659	A2.1-A2.2
10	Deferred tax assets that rely on future profitability excluding those arising from temporary differences (net of related tax liability)	—	—	—	—	
11	Deferred gains or losses on derivatives under hedge accounting	9,249	2,312	(46,255)	(30,837)	E7
12	Shortfall of eligible provisions to expected losses	13,868	3,467	21,692	14,461	
13	Securitization gain on sale	—	—	—	—	
14	Gains and losses due to changes in own credit risk on fair valued liabilities	—	—	—	—	
15	Defined-benefit pension fund net assets (prepaid pension costs)	9,781	2,445	4,593	3,062	A3-D3
16	Investments in own shares (excluding those reported in the Net Assets section)	—	—	—	—	A4
17	Reciprocal cross-holdings in common equity	—	—	—	—	A5
18	Investments in the capital of banking, financial and insurance entities that are outside the scope of regulatory consolidation ("Other Financial Institutions"), net of eligible short positions, where the bank does not own more than 10% of the issued share capital	—	—	—	—	A6
19+20+21	Amount exceeding the 10% threshold on specified items	—	—	—	—	
19	of which: significant investments in the common stock of financials	—	—	—	—	A7
20	of which: mortgage servicing rights	—	—	—	—	A8
21	of which: deferred tax assets arising from temporary differences (net of related tax liability)	—	—	—	—	

(Millions of Yen, %)

Basel III Template No.	Items	As of September 30, 2017	Amounts excluded under transitional arrangements	As of September 30, 2016	Amounts excluded under transitional arrangements	Ref. No.	
22	Amount exceeding the 15% threshold on specified items	—	—	—	—		
23	of which: significant investments in the common stock of financials	—	—	—	—	A9	
24	of which: mortgage servicing rights	—	—	—	—	A10	
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)	53,510		(9,981)			
<b>Common Equity Tier 1 capital (CET1)</b>							
29	Common Equity Tier 1 capital (CET1) ((A)-(B)) (C)	6,655,986		6,287,273			
<b>Additional Tier 1 capital: instruments</b>							
30	31a	Directly issued qualifying Additional Tier 1 instruments plus related capital surplus of which: classified as equity under applicable accounting standards and the breakdown	49,000		49,000		E5.1+E5.2
	32	Directly issued qualifying Additional Tier 1 instruments plus related capital surplus of which: classified as liabilities under applicable accounting standards	—		—		D1.1+D1.2
		Qualifying Additional Tier 1 instruments plus related capital surplus issued by special purpose vehicles and other equivalent entities	—		—		
33+35	Eligible Tier 1 capital instruments under phase-out arrangements included in Additional Tier 1 capital: instruments	499		599			
	Total of items included in Additional Tier 1 capital: instruments under phase-out arrangements	2		(4)			
	of which: amounts of counted in to base instruments of Additional Tier 1 under phase-out arrangements that related valuation and translation adjustments	2		(4)			
36	Additional Tier 1 capital: instruments (D)	49,502		49,595			
<b>Additional Tier 1 capital: regulatory adjustments</b>							
37	Investments in own Additional Tier 1 instruments	—	—	—	—	A11	
38	Reciprocal cross-holdings in Additional Tier 1 instruments	—	—	—	—	A12	
39	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 10% threshold)	—	—	—	—	A13	
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)	31,233	7,808	23,424	15,616	A14	
	Total of items included in Additional Tier 1 capital: regulatory adjustments under phase-out arrangements	1,733		7,230			
	of which: 50% of balance due to pay of eligible provisions	1,733		7,230			

(Millions of Yen, %)

Basel III Template No.	Items	As of September 30, 2017	Amounts excluded under transitional arrangements	As of September 30, 2016	Amounts excluded under transitional arrangements	Ref. No.
42	Regulatory adjustments applied to Additional Tier 1 due to insufficient Tier 2 to cover deductions	—		—		
43	Additional Tier 1 capital: regulatory adjustments (E)	<b>32,966</b>		30,655		
Additional Tier 1 capital (AT1)						
44	Additional Tier 1 capital (AT1) ((D)-(E)) (F)	<b>16,535</b>		18,940		
Tier 1 capital (T1=CET1+AT1)						
45	Tier 1 capital (T1=CET1+AT1) ((C)+(F)) (G)	<b>6,672,521</b>		6,306,214		
Tier 2 capital: instruments and provisions						
46	Directly issued qualifying Tier 2 instruments plus related capital surplus of which: classified as equity under applicable accounting standards and its breakdown	—		—		E6
	Directly issued qualifying Tier 2 instruments plus related capital surplus of which: classified as liabilities under applicable accounting standards	<b>1,415,480</b>		1,415,480		D2.1+D2.2
	Tier 2 instruments plus related capital surplus issued by special purpose vehicles and other equivalent entities	—		—		
47+49	Eligible Tier 2 capital instruments under phase-out arrangements included in Tier 2: instruments and provisions	<b>97,816</b>		97,816		
50	Total of general reserve for possible loan losses and eligible provisions included in Tier 2	<b>5</b>		1		
50a	of which: general reserve for possible loan losses	<b>5</b>		1		A15
50b	of which: eligible provisions	—		—		A16
	Total of items included in Tier 2 capital: instruments and provisions under phase-out arrangements	<b>209,162</b>		442,096		
	of which: amounts of counted in to base instruments of Tier 2 under phase-out arrangements that related valuation and translation adjustments	<b>209,162</b>		442,096		
51	Tier 2 capital: instruments and provisions (H)	<b>1,722,463</b>		1,955,394		
Tier 2 capital: regulatory adjustments						
52	Investments in own Tier 2 instruments	—	—	—	—	A17
53	Reciprocal cross-holdings in Tier 2 instruments	—	—	—	—	A18
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)	—	—	—	—	A19
55	Significant investments in the capital banking, financial and insurance entities that are outside the scope of regulatory consolidation (net of eligible short positions)	—	—	—	—	A20
	Total of items included in Tier 2 capital: regulatory adjustments under phase-out arrangements	<b>1,733</b>		7,230		
	of which: 50% of balance due to pay of eligible provisions	<b>1,733</b>		7,230		
57	Tier 2 capital: regulatory adjustments (I)	<b>1,733</b>		7,230		

(Millions of Yen, %)

Basel III Template No.	Items	As of September 30, 2017	Amounts excluded under transitional arrangements	As of September 30, 2016	Amounts excluded under transitional arrangements	Ref. No.
Tier 2 capital (T2)						
58	Tier 2 capital (T2) ((H)-(I)) (J)	1,720,729		1,948,163		
Total capital (TC=T1+T2)						
59	Total capital (TC=T1+T2) ((G)+(J)) (K)	8,393,251		8,254,377		
Risk weighted assets						
	Total of items included in risk weighted assets under phase-out arrangements	19,552		33,630		
	of which: intangibles assets other than mortgage servicing rights	5,152		6,659		
	of which: prepaid pension costs	2,445		3,062		
	of which: Significant investments in the Additional Tier 1 capital of Other Financial Institutions (net of eligible short positions)	11,954		23,908		
60	Risk weighted assets (L)	35,340,763		30,993,646		
Capital ratio (non-consolidated)						
61	Common Equity Tier 1 capital ratio (non-consolidated) ((C)/(L))	18.83%		20.28%		
62	Tier 1 capital ratio (non-consolidated) ((G)/(L))	18.88%		20.34%		
63	Total capital ratio (non-consolidated) ((K)/(L))	23.74%		26.63%		
Regulatory adjustments						
72	Non-significant investments in the capital of Other Financial Institutions that are below the thresholds for deduction (before risk weighting)	341,353		304,065		A21.1+A21.2
73	Significant investments in the common stock of Other Financial Institutions that are below the thresholds for deduction (before risk weighting)	68,397		67,401		A22
74	Mortgage servicing rights that are below the thresholds for deduction (before risk weighting)	—		—		A23
75	Deferred tax assets arising from temporary differences that are below the thresholds for deduction (before risk weighting)	—		—		
Provisions included in Tier 2 capital: instruments and provisions						
76	Provisions (general reserve for possible loan losses)	5		1		
77	Cap on inclusion of provisions (general reserve for possible loan losses)	55		46		
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	193,888		165,396		
Capital instruments subject to phase-out arrangements						
82	Current cap on Additional Tier 1 instruments under phase-out arrangements	499		599		
83	Amount excluded from Additional Tier 1 due to cap (excess over cap after redemptions and maturities) (if the amount is negative, report as "nil")	499		399		
84	Current cap on Tier 2 instruments under phase-out arrangements	768,003		921,604		
85	Amount excluded from Tier 2 due to cap (excess over cap after redemptions and maturities) (if the amount is negative, report as "nil")	—		—		

## Explanation on Reconciliation between Balance Sheet Items and Regulatory Capital Elements (Non-Consolidated)

As of September 30, 2017

(Millions of Yen)

Items	Non-Consolidated balance sheet amount	Balance sheet amount based on regulatory scope of consolidation	Ref. No.
(Assets)			
Loans and Bills Discounted	11,654,523		
Investments in the instruments of banking, financial and insurance entities that are outside the scope of regulatory consolidation, where the bank does not own more than 10% of the issued share capital		103,000	
Tier 2 capital		—	
Non-significant investments in the capital of other financials that are below the thresholds for deduction (before risk weighting)		103,000	A21.1
Foreign Exchanges Assets	215,432		
Securities	62,572,532	62,572,526	
Money Held in Trust	8,191,761	8,191,761	
Securities and Money Held in Trust of which: Goodwill and those equivalents (excluding those reported in the Intangible Fixed Assets)		—	A1.1
Securities and Money Held in Trust of which: Investments in own capital instruments		—	—
Common Equity (excluding those reported in the Net Assets section)		—	A4
Additional Tier 1 capital		—	A11
Tier 2 capital		—	A17
Securities and Money Held in Trust of which: Reciprocal cross-holdings in capital instruments		—	—
Common Equity		—	A5
Additional Tier 1 capital		—	A12
Tier 2 capital		—	A18
Securities and Money Held in Trust of which: Investments in the instruments of banking, financial and insurance entities that are outside the scope of regulatory consolidation, where the bank does not own more than 10% of the issued share capital		238,353	—
Common Equity		—	A6
Additional Tier 1 capital		—	A13
Tier 2 capital		—	A19
Non-significant investments in the capital of other financials that are below the thresholds for deduction (before risk weighting)		238,353	A21.2
Securities and Money Held in Trust of which: Significant investments in the common stock of banking, financial and insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions		107,438	—
Amount exceeding the 10% threshold on specified items		—	A7
Amount exceeding the 15% threshold on specified items		—	A9
Additional Tier 1 capital		39,041	A14
Tier 2 capital		—	A20
Significant investments in the common stock of financials that are below the thresholds for deduction (before risk weighting)		68,397	A22
Trading Assets	9,940		
Monetary Claims Bought	281,439		
Call Loans	353,746		
Receivables under Resale Agreements	—		
Receivables under Securities Borrowing Transactions	—		
Cash and Due from Banks	26,687,883		
Other Assets	1,619,722	1,619,722	
Tangible Fixed Assets	121,404		

(Millions of Yen)

Items	Non-Consolidated balance sheet amount	Balance sheet amount based on regulatory scope of consolidation	Ref. No.
Intangible Fixed Assets	35,660	35,660	
of which: Goodwill and those equivalents (excluding those reported in the Net Assets section)		—	A1.2
of which: other intangible assets other than goodwill and mortgage servicing rights		35,660	A2.1
of which: Amount that corresponds to effective tax rate to other intangible assets other than goodwill and mortgage servicing rights		9,895	A2.2
of which: Mortgage servicing rights (net of related deferred tax liabilities)		—	—
Amount exceeding the 10% threshold on specified items		—	A8
Amount exceeding the 15% threshold on specified items		—	A10
Amount below the thresholds for deduction (before risk weighting)		—	A23
Defined-benefit pension fund net assets (prepaid pension costs)	16,922	16,922	A3
Customers' Liabilities for Acceptances and Guarantees	135,922		
Reserve for Possible Loan Losses	(54,268)	(54,268)	
of which: general reserve for possible loan losses includes Tier 2		(5)	A15
of which: eligible provisions includes Tier 2		—	A16
Reserve for Possible Investment Losses	(1,330)		
Total Assets	111,841,291		
(Liabilities)			
Deposits	65,281,229		
Negotiable Certificates of Deposit	3,248,360		
Debentures	2,098,959		
Bonds Payable		—	
of which: Qualifying Additional Tier 1 instruments of which: classified as liabilities		—	D1.1
of which: Qualifying Tier 2 instruments of which: classified as liabilities		—	D2.1
Trading Liabilities	5,589		
Borrowed Money	4,659,646	4,659,646	
of which: Qualifying Additional Tier 1 instruments		—	D1.2
of which: Qualifying Tier 2 instruments		1,415,480	D2.2
Call Money	2,705		
Payables under Repurchase Agreements	21,157,106		
Payables under Securities Lending Transactions	—		
Foreign Exchanges Liabilities	7		
Trust Money	2,198,929		
Other Liabilities	5,289,613		
Reserve for Bonus Payments	6,061		
Reserve for Employees' Retirement Benefits	23,414		
Reserve for Directors' Retirement Benefits	975		
Reserve for Agriculture, Fishery and Forestry Industry Subsidies	21		
Deferred Tax Liabilities	625,746	625,746	
of which: prepaid pension cost		4,695	D3
Deferred Tax Liabilities for Land Revaluation	8,607	8,607	
Acceptances and Guarantees	135,922		
Total Liabilities	104,742,898		

(Millions of Yen)

Items	Non-Consolidated balance sheet amount	Balance sheet amount based on regulatory scope of consolidation	Ref. No.
(Net Assets)			
Paid-in Capital	3,480,488	3,480,488	
Common equity	3,455,488	3,455,488	E1.1
of which: lower dividend rate stock	3,029,771	3,029,771	
Preferred stock	24,999	24,999	
of which: Directly issued qualifying Additional Tier 1 instruments plus related capital surplus of which classified as equity under applicable accounting standards		24,500	E5.1
Capital Surplus	25,020	25,020	
Capital surplus	24,999	24,999	
of which: Directly issued qualifying Additional Tier 1 instruments plus related capital surplus of which classified as equity under applicable accounting standards		24,500	E5.2
Other capital surplus	20	20	E1.2
Reserve for revaluation	20	20	
Retained Earnings	1,897,458	1,897,638	E2
Legal reserves	709,566	709,566	
Voluntary reserves	1,187,892	1,188,072	
Special reserves	277,500	277,500	
General reserves	559,403	559,403	
Reserves for tax basis adjustments of fixed assets	7,343	7,343	
Others	7	7	
Unappropriated retained earnings	343,638	343,818	
Total Owners' Equity	5,402,967	5,403,147	
of which: Others		—	E3
of which: Directly issued qualifying Tier 2 instruments plus related capital surplus of which classified as equity under applicable accounting standards		—	E6
Net Unrealized Gains on Other Securities	1,725,680	1,725,680	
Net Deferred Losses on Hedging Instruments	(44,567)	(44,567)	
of which: Net Deferred Losses on Hedging Instruments		11,561	E7
Revaluation Reserve for Land, net of taxes	14,312	14,312	
Foreign Currency Translation Adjustment		11	
Total Valuation and Translation Adjustment	1,695,425	1,695,436	E4
Total Net Assets	7,098,393		
Total Liabilities and Net Assets	111,841,291		

Notes: 1. "Balance sheet amount based on regulatory scope of consolidation" refers only to the items used in calculating capital adequacy.

2. "Balance sheet amount based on regulatory scope of consolidation" does not reflect transitional arrangements so that the amount of the column consists of the amount included in capital adequacy and the amount excluded under transitional arrangements in "Composition of Capital."

## As of September 30, 2016

(Millions of Yen)

Items	Non-Consolidated balance sheet amount	Balance sheet amount based on regulatory scope of consolidation	Ref. No.
(Assets)			
Loans and Bills Discounted	12,747,173		
Investments in the instruments of banking, financial and insurance entities that are outside the scope of regulatory consolidation, where the bank does not own more than 10% of the issued share capital		103,000	
Tier 2 capital		—	
Non-significant investments in the capital of other financials that are below the thresholds for deduction (before risk weighting)		103,000	A21.1
Foreign Exchanges Assets	201,177		
Securities	54,700,832	54,700,827	
Money Held in Trust	5,547,191	5,547,191	
Securities and Money Held in Trust of which: Goodwill and those equivalents (excluding those reported in the Intangible Fixed Assets)		—	A1.1
Securities and Money Held in Trust of which: Investments in own capital instruments		—	—
Common Equity (excluding those reported in the Net Assets section)		—	A4
Additional Tier 1 capital		—	A11
Tier 2 capital		—	A17
Securities and Money Held in Trust of which: Reciprocal cross-holdings in capital instruments		—	—
Common Equity		—	A5
Additional Tier 1 capital		—	A12
Tier 2 capital		—	A18
Securities and Money Held in Trust of which: Investments in the instruments of banking, financial and insurance entities that are outside the scope of regulatory consolidation, where the bank does not own more than 10% of the issued share capital		201,065	—
Common Equity		—	A6
Additional Tier 1 capital		—	A13
Tier 2 capital		—	A19
Non-significant investments in the capital of other financials that are below the thresholds for deduction (before risk weighting)		201,065	A21.2
Securities and Money Held in Trust of which: Significant investments in the common stock of banking, financial and insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions		106,441	—
Amount exceeding the 10% threshold on specified items		—	A7
Amount exceeding the 15% threshold on specified items		—	A9
Additional Tier 1 capital		39,040	A14
Tier 2 capital		—	A20
Significant investments in the common stock of financials that are below the thresholds for deduction (before risk weighting)		67,401	A22
Trading Assets	9,642		
Monetary Claims Bought	257,399		
Call Loans	136,181		
Receivables under Resale Agreements	—		
Receivables under Securities Borrowing Transactions	1,013		
Cash and Due from Banks	26,219,277		
Other Assets	1,013,819	1,013,819	
Tangible Fixed Assets	106,672		

(Millions of Yen)

Items	Non-Consolidated balance sheet amount	Balance sheet amount based on regulatory scope of consolidation	Ref. No.
Intangible Fixed Assets	23,042	23,042	
of which: Goodwill and those equivalents (excluding those reported in the Net Assets section)		—	A1.2
of which: other intangible assets other than goodwill and mortgage servicing rights		23,042	A2.1
of which: Amount that corresponds to effective tax rate to other intangible assets other than goodwill and mortgage servicing rights		6,394	A2.2
of which: Mortgage servicing rights (net of related deferred tax liabilities)		—	—
Amount exceeding the 10% threshold on specified items		—	A8
Amount exceeding the 15% threshold on specified items		—	A10
Amount below the thresholds for deduction (before risk weighting)		—	A23
Defined-benefit pension fund net assets (prepaid pension costs)	10,595	10,595	A3
Customers' Liabilities for Acceptances and Guarantees	112,409		
Reserve for Possible Loan Losses	(81,013)	(81,013)	
of which: general reserve for possible loan losses includes Tier 2		(1)	A15
of which: eligible provisions includes Tier 2		—	A16
Reserve for Possible Investment Losses	(1,344)		
Total Assets	101,004,073		
(Liabilities)			
Deposits	61,629,018		
Negotiable Certificates of Deposit	2,155,187		
Debentures	2,778,263		
Bonds Payable		—	
of which: Qualifying Additional Tier 1 instruments of which: classified as liabilities		—	D1.1
of which: Qualifying Tier 2 instruments of which: classified as liabilities		—	D2.1
Trading Liabilities	8,477		
Borrowed Money	3,487,235	3,487,235	
of which: Qualifying Additional Tier 1 instruments		—	D1.2
of which: Qualifying Tier 2 instruments		1,415,480	D2.2
Call Money	5,056		
Payables under Repurchase Agreements	17,045,055		
Payables under Securities Lending Transactions	1,013		
Foreign Exchanges Liabilities	3		
Trust Money	1,960,753		
Other Liabilities	4,132,258		
Reserve for Bonus Payments	6,301		
Reserve for Employees' Retirement Benefits	20,490		
Reserve for Directors' Retirement Benefits	825		
Reserve for Agriculture, Fishery and Forestry Industry Subsidies	6,746		
Deferred Tax Liabilities	638,899	638,899	
of which: prepaid pension cost		2,940	D3
Deferred Tax Liabilities for Land Revaluation	8,718	8,718	
Acceptances and Guarantees	112,409		
Total Liabilities	93,996,715		

(Millions of Yen)

Items	Non-Consolidated balance sheet amount	Balance sheet amount based on regulatory scope of consolidation	Ref. No.
(Net Assets)			
Paid-in Capital	3,480,488	3,480,488	
Common equity	3,455,488	3,455,488	E1.1
of which: lower dividend rate stock	3,029,771	3,029,771	
Preferred stock	24,999	24,999	
of which: Directly issued qualifying Additional Tier 1 instruments plus related capital surplus of which classified as equity under applicable accounting standards		24,500	E5.1
Capital Surplus	25,020	25,020	
Capital surplus	24,999	24,999	
of which: Directly issued qualifying Additional Tier 1 instruments plus related capital surplus of which classified as equity under applicable accounting standards		24,500	E5.2
Other capital surplus	20	20	E1.2
Reserve for revaluation	20	20	
Retained Earnings	1,801,189	1,801,393	E2
Legal reserves	668,466	668,466	
Voluntary reserves	1,132,723	1,132,927	
Special reserves	236,400	236,400	
General reserves	559,403	559,403	
Reserves for tax basis adjustments of fixed assets	7,596	7,596	
Others	7	7	
Unappropriated retained earnings	329,316	329,520	
Total Owners' Equity	5,306,698	5,306,908	
of which: Others		—	E3
of which: Directly issued qualifying Tier 2 instruments plus related capital surplus of which classified as equity under applicable accounting standards		—	E6
Net Unrealized Gains on Other Securities	1,952,684	1,952,684	
Net Deferred Losses on Hedging Instruments	(266,625)	(266,625)	
of which: Net Deferred Losses on Hedging Instruments		(77,092)	E7
Revaluation Reserve for Land, net of taxes	14,600	14,600	
Foreign Currency Translation Adjustment		(10)	
Total Valuation and Translation Adjustment	1,700,659	1,700,649	E4
Total Net Assets	7,007,358		
Total Liabilities and Net Assets	101,004,073		

Notes: 1. "Balance sheet amount based on regulatory scope of consolidation" refers only to the items used in calculating capital adequacy.

2. "Balance sheet amount based on regulatory scope of consolidation" does not reflect transitional arrangements so that the amount of the column consists of the amount included in capital adequacy and the amount excluded under transitional arrangements in "Composition of Capital."

## Capital Adequacy (Non-Consolidated)

(Minimum amount of regulatory required capital and breakdown for each risk category)

### Regulatory Required Capital

(Billions of Yen)

Items	As of September 30, 2017		As of September 30, 2016	
	EAD	Regulatory Required Capital	EAD	Regulatory Required Capital
Amount of regulatory required capital for credit risk	149,354	2,680	131,263	2,303
Exposure subject to Internal Ratings-Based Approach	132,620	2,655	116,610	2,284
Corporate exposure (excluding Specialized Lending)	8,602	189	6,836	247
Corporate exposure (Specialized Lending)	720	53	336	27
Sovereign exposure	69,663	0	65,718	0
Bank exposure	17,079	94	15,900	119
Retail exposure	3	0	3	1
Retail exposure secured by residential properties	0	0	0	0
Qualifying revolving retail exposure	—	—	—	—
Other retail exposure	3	0	3	1
Securitization and re-securitization exposure	7,205	44	5,237	34
Equity portfolios	1,413	222	1,185	191
Equity portfolios subject to PD/LGD approaches	928	94	778	81
Equity portfolios subject to simple risk-weighted method	110	37	98	33
Equities under the internal models approach	373	90	307	76
Exposure subject to risk-weighted asset calculation for investment fund	27,354	2,031	20,848	1,641
Other debt purchased	351	5	340	12
Other exposures	225	13	200	8
Exposure subject to Standardized Approach	4	0	3	0
Overdrafts	—	—	—	—
Prepaid expenses	0	0	0	0
Suspense payments	4	0	3	0
Other	0	0	—	—
Amount corresponding to CVA risk	249	4	606	5
CCP-related exposures	16,463	18	14,017	10
Items that included by transitional arrangements	15	1	25	2
Amount of regulatory required capital for market risk		149		187
Standardized Approach		148		187
Interest rate risk category		—		—
Equity risk category		—		—
Foreign exchange risk category		148		187
Commodity risk category		—		—
Option transactions		—		—
Internal models Approach		0		0
Amount of regulatory required capital for operational risk		69		70
Offsets on consolidation		2,898		2,561

Notes: 1. Regulatory required capital for credit risk = 8% of risk-weighted assets for credit risk + Expected losses

2. Within the Exposure subject to Internal Ratings-Based Approach (excluding retail exposure), the EAD subject to the Advanced Internal Ratings-Based Approach and the amount of regulatory required capital are ¥8,919.3 billion and ¥186.1 billion, respectively.

3. "Risk-weighted asset calculation for investment fund" is risk-weighted assets as calculated according to the method specified in Notification Regarding Capital Adequacy Ratio, Article 144.

4. "Risk-weighted asset calculation for investment fund" does not include ¥171.1 billion EAD and ¥0.2 billion of Required Capital of CCP-related exposures.

5. Under "The Standardized Approach (TSA)," which is a method for computing the amount corresponding to operational risk, the gross profit for one year is allocated among the business activities as specified in Appendix Table 1 of the Notification Regarding Capital Adequacy Ratio. The multiplier specified for each business activity classification is multiplied by the gross profit, and the average of the annual totals for the past three years is taken to be the amount corresponding to operational risk (Notification Regarding Capital Adequacy Ratio, Article 282).

(Billions of Yen)

Item	As of September 30, 2017	As of September 30, 2016
Non-consolidated total required capital	2,827	2,479

Note: Non-consolidated total required capital is an amount that results from multiplying the denominator of the formula by 8% as stipulated in Notification Regarding Capital Adequacy Ratio, Article 14.

**Credit Risk (Non-Consolidated)**

(Investment Fund and securitization exposures are excluded.)

**1. Credit Risk Exposure**

For the Six Months Ended September 30, 2017

**Geographic Distribution of Exposure, Details in Significant Areas by Major Types of Credit Risk Exposure**

(Billions of Yen)

Items	Loans, commitments, off-balance sheet exposure	Securities	Derivatives	Others	Total credit risk exposure	Default exposure
Japan	11,709	16,920	4	29,099	57,733	90
Asia except Japan	327	146	—	234	708	—
Europe	321	9,462	128	9,490	19,403	—
The Americas	923	16,347	2	18,446	35,720	—
Other areas	390	186	—	236	813	—
Total	13,672	43,063	135	57,507	114,378	90

**Industry Distribution of Exposure, Details by Major Types of Credit Risk Exposure**

(Billions of Yen)

Items	Loans, commitments, off-balance sheet exposure	Securities	Derivatives	Others	Total credit risk exposure	Default exposure	Write-off of loans (amounts of partial direct write-off)
Manufacturing	2,826	507	0	0	3,334	63	2
Agriculture	49	0	0	0	50	5	0
Forestry	5	—	—	—	5	0	—
Fishing	18	0	—	0	18	10	—
Mining	13	—	—	0	13	—	—
Construction	81	12	—	0	93	0	—
Utility	409	5	—	0	415	—	—
Information/telecommunications	112	10	—	0	122	—	—
Transportation	641	176	2	0	820	2	—
Wholesaling, retailing	1,623	123	0	0	1,747	3	—
Finance and insurance	3,059	6,336	131	57,273	66,800	0	—
Real estate	689	154	—	2	846	0	—
Services	1,640	88	0	1	1,730	3	0
Municipalities	33	0	—	0	33	—	—
Other	2,467	35,647	0	230	38,344	0	—
Total	13,672	43,063	135	57,507	114,378	90	2

Note: "Others" within "Finance and insurance" includes repo transactions, call loans, and certain other items.

**Residual Contractual Maturity Breakdown of Credit Risk Exposure**

(Billions of Yen)

Items	Loans, commitments, off-balance sheet exposure	Securities	Derivatives	Others	Total credit risk exposure
In 1 year	6,591	6,198	0	56,217	69,008
Over 1 year to 3 years	2,146	14,212	1	5	16,366
Over 3 years to 5 years	2,729	8,234	1	0	10,964
Over 5 years to 7 years	976	2,815	0	0	3,792
Over 7 years	1,225	9,593	131	0	10,950
No term to maturity	2	2,009	—	1,284	3,296
Total	13,672	43,063	135	57,507	114,378

Notes: 1. The amount of credit exposure at the end of the period does not substantially differ from the average-risk position for the six months ended September 30, 2017.

2. Of the credit risk exposure, the risk exposure to which the standard method is applicable is ¥4.4 billion.

3. The default exposure is the exposure to the borrowers classified as "need special attention" or below based on the Bank's self-assessment.

For the Six Months Ended September 30, 2016  
**Geographic Distribution of Exposure, Details in Significant Areas  
 by Major Types of Credit Risk Exposure**

(Billions of Yen)

Items	Loans, commitments, off-balance sheet exposure	Securities	Derivatives	Others	Total credit risk exposure	Default exposure
Japan	13,107	15,386	48	27,562	56,105	78
Asia except Japan	230	146	22	111	509	—
Europe	263	8,806	120	7,955	17,145	—
The Americas	764	14,299	76	14,789	29,930	—
Other areas	141	367	25	205	739	—
Total	14,506	39,006	293	50,625	104,431	78

**Industry Distribution of Exposure, Details by Major Types of Credit Risk Exposure**

(Billions of Yen)

Items	Loans, commitments, off-balance sheet exposure	Securities	Derivatives	Others	Total credit risk exposure	Default exposure	Write-off of loans (amounts of partial direct write-off)
Manufacturing	2,536	406	1	0	2,945	23	—
Agriculture	37	0	0	0	37	5	0
Forestry	6	—	—	—	6	0	—
Fishing	22	0	—	0	22	15	—
Mining	12	—	—	0	12	—	—
Construction	81	10	—	0	91	0	—
Utility	258	5	—	0	263	—	—
Information/telecommunications	125	6	—	0	132	—	—
Transportation	582	117	3	0	703	6	—
Wholesaling, retailing	1,549	114	0	0	1,664	7	0
Finance and insurance	2,538	8,372	287	50,416	61,615	0	—
Real estate	593	141	—	2	737	14	—
Services	1,306	79	0	1	1,386	4	1
Municipalities	48	0	—	0	48	—	—
Other	4,807	29,751	—	204	34,763	0	—
Total	14,506	39,006	293	50,625	104,431	78	1

Note: "Others" within "Finance and insurance" includes repo transactions, call loans, and certain other items.

**Residual Contractual Maturity Breakdown of Credit Risk Exposure**

(Billions of Yen)

Items	Loans, commitments, off-balance sheet exposure	Securities	Derivatives	Others	Total credit risk exposure
In 1 year	9,029	4,684	149	49,841	63,705
Over 1 year to 3 years	1,773	12,405	136	5	14,321
Over 3 years to 5 years	1,991	14,354	2	0	16,348
Over 5 years to 7 years	804	2,318	0	0	3,123
Over 7 years	902	3,700	4	0	4,606
No term to maturity	5	1,542	—	778	2,326
Total	14,506	39,006	293	50,625	104,431

Notes: 1. The amount of credit exposure at the end of the period does not substantially differ from the average-risk position for the six months ended September 30, 2016.  
 2. Of the credit risk exposure, the risk exposure to which the standard method is applicable is ¥3.7 billion.  
 3. The default exposure is the exposure to the borrowers classified as "need special attention" or below based on the Bank's self-assessment.

## 2. Reserves for Possible Loan Losses

### Increase/Decrease in General Reserve for Possible Loan Losses, Specific Reserve for Possible Loan Losses and the Specific Reserve for Loans to Countries with Financial Problems by Region

(Billions of Yen)

Items	As of September 30, 2017	As of September 30, 2016	Increase/(decrease)
General reserve for possible loan losses	35	12	22
Specific reserve for possible loan losses	17	32	(14)
Japan	17	32	(14)
Asia except Japan	—	—	—
Europe	—	—	—
The Americas	—	—	—
Other areas	—	—	—
Specified reserve for loans to countries with financial problems	—	—	—
Total	52	44	7

### Increase/Decrease in General Reserve for Possible Loan Losses, Specific Reserve for Possible Loan Losses and the Specified Reserve for Loans to Countries with Financial Problems by Industry

(Billions of Yen)

Items	As of September 30, 2017	As of September 30, 2016	Increase/(decrease)
General reserve for possible loan losses	35	12	22
Specific reserve for possible loan losses	17	32	(14)
Manufacturing	2	7	(5)
Agriculture	4	4	(0)
Forestry	0	0	(0)
Fishing	5	5	(0)
Mining	—	—	—
Construction	—	0	(0)
Utility	—	—	—
Information/telecommunications	—	—	—
Transportation	1	1	(0)
Wholesaling, retailing	1	1	(0)
Finance and insurance	0	0	(0)
Real estate	—	7	(7)
Services	1	2	(0)
Municipalities	—	—	—
Other	—	—	—
Others	—	—	—
Specified reserve for loans to countries with financial problems	—	—	—
Total	52	44	7

### 3. Exposure Subject to the Internal Ratings-Based Approach

#### a. Corporate, Sovereign and Bank Exposure

For the Six Months Ended September 30, 2017

(Billions of Yen)

Ratings	Weighted-average PD	Weighted-average LGD	Weighted-average EL default	Weighted-average risk weight	EAD				
						EAD (on-balance sheet)	EAD (off-balance sheet)	Amount of undrawn commitments	Weighted average of credit conversion factor
Corporate Exposure	1.17%	28.98%		28%	8,602	6,566	2,035	834	75.00%
1-1 to 4	0.10%	29.08%		22%	8,119	6,122	1,996	815	75.00%
5 to 7	1.61%	27.56%		74%	357	333	23	8	75.00%
8-1 to 8-2	15.82%	28.35%		203%	46	39	6	2	75.00%
Subtotal	0.25%	29.02%		25%	8,522	6,496	2,026	826	75.00%
8-3 to 10-2	100.00%	24.51%	24.51%	306%	79	70	9	8	75.00%
Sovereign Exposure	0.00%	44.99%		0%	69,663	67,405	2,257	17	75.00%
1-1 to 4	0.00%	44.99%		0%	69,663	67,405	2,257	17	75.00%
5 to 7	3.21%	45.00%		189%	0	0	—	—	—
8-1 to 8-2	—	—		—	—	—	—	—	—
Subtotal	0.00%	44.99%		0%	69,663	67,405	2,257	17	75.00%
8-3 to 10-2	—	—	—	—	—	—	—	—	—
Bank Exposure	0.05%	16.72%		7%	17,079	4,885	12,193	0	75.00%
1-1 to 4	0.04%	16.64%		7%	16,995	4,805	12,190	0	75.00%
5 to 7	2.02%	31.76%		87%	84	80	3	—	—
8-1 to 8-2	8.94%	28.84%		157%	0	0	0	—	—
Subtotal	0.05%	16.72%		7%	17,079	4,885	12,193	0	75.00%
8-3 to 10-2	—	—	—	—	—	—	—	—	—
Equity Exposure for Credit Risk Using Internal Ratings: PD/LGD Approach	0.12%	90.00%		127%	928	928	—	—	—
1-1 to 4	0.08%	90.00%		125%	917	917	—	—	—
5 to 7	2.32%	90.00%		285%	10	10	—	—	—
8-1 to 8-2	15.84%	90.00%		723%	0	0	—	—	—
Subtotal	0.12%	90.00%		127%	928	928	—	—	—
8-3 to 10-2	100.00%	90.00%	90.00%	1,193%	0	0	—	—	—

Notes: 1. Weighted-averages of PD, LGD, EL default and risk weight are computed based on EAD (including on-balance and off-balance sheets).

2. Risk weight is equivalent to the total of the risk-weighted assets and the amount of dividing the expected loss by 8%, then dividing the result by exposure at default (EAD).

## For the Six Months Ended September 30, 2016

(Billions of Yen)

Ratings	Weighted-average PD	Weighted-average LGD	Weighted-average EL default	Weighted-average risk weight	EAD				
						EAD (on-balance sheet)	EAD (off-balance sheet)	Amount of undrawn commitments	Weighted average of credit conversion factor
Corporate Exposure	1.12%	43.87%		45%	6,836	5,800	1,035	765	75.00%
1-1 to 4	0.12%	43.83%		35%	6,413	5,402	1,011	758	75.00%
5 to 7	1.57%	44.55%		117%	311	295	16	6	75.00%
8-1 to 8-2	15.83%	44.76%		321%	55	48	6	0	75.00%
Subtotal	0.31%	43.87%		41%	6,781	5,746	1,034	765	75.00%
8-3 to 10-2	100.00%	43.68%	43.68%	551%	55	54	1	—	—
Sovereign Exposure	0.00%	45.00%		0%	65,718	63,877	1,841	7	75.00%
1-1 to 4	0.00%	45.00%		0%	65,718	63,876	1,841	7	75.00%
5 to 7	2.85%	45.00%		180%	0	0	—	—	—
8-1 to 8-2	9.88%	6.57%		92%	0	0	—	—	—
Subtotal	0.00%	45.00%		0%	65,718	63,877	1,841	7	75.00%
8-3 to 10-2	—	—	—	—	—	—	—	—	—
Bank Exposure	0.05%	21.24%		9%	15,900	6,092	9,807	0	75.00%
1-1 to 4	0.04%	21.20%		9%	15,820	6,016	9,803	0	75.00%
5 to 7	2.04%	28.22%		82%	79	75	3	—	—
8-1 to 8-2	8.94%	45.00%		254%	0	0	0	—	—
Subtotal	0.05%	21.24%		9%	15,900	6,092	9,807	0	75.00%
8-3 to 10-2	—	—	—	—	—	—	—	—	—
Equity Exposure for Credit Risk Using Internal Ratings: PD/LGD Approach	0.16%	90.00%		131%	778	778	—	—	—
1-1 to 4	0.09%	90.00%		128%	767	767	—	—	—
5 to 7	2.26%	90.00%		292%	10	10	—	—	—
8-1 to 8-2	15.84%	90.00%		723%	0	0	—	—	—
Subtotal	0.13%	90.00%		131%	778	778	—	—	—
8-3 to 10-2	100.00%	90.00%	90.00%	1,193%	0	0	—	—	—

Notes: 1. Weighted averages of PD, LGD, EL default and risk weight are computed based on EAD (including on-balance and off-balance sheets).

2. Risk weight is equivalent to the total of the risk-weighted assets and the amount of dividing the expected loss by 8%, then dividing the result by exposure at default (EAD).

## b. Retail Exposure

### Details on PD, LGD, EL Default, Risk Weight and EAD Assets For the Six Months Ended September 30, 2017

(Billions of Yen)

Types of exposure	Weighted-average PD	Weighted-average LGD	Weighted-average EL default	Weighted-average risk weight	EAD				
						EAD (on-balance sheet)	EAD (off-balance sheet)	Amount of undrawn commitments	Weighted average of credit conversion factor
Retail exposure secured by residential properties	4.66%	43.92%	59.39%	84%	95	95	—	—	—
Not default Not delinquent	0.63%	43.92%		43%	87	87	—	—	—
Not default Delinquent	27.36%	43.92%		407%	4	4	—	—	—
Not default Subtotal	2.00%	43.92%		61%	92	92	—	—	—
Default	100.00%		59.39%	902%	2	2	—	—	—
Qualifying revolving retail exposure	—	—	—	—	—	—	—	—	—
Not default Not delinquent	—	—		—	—	—	—	—	—
Not default Delinquent	—	—		—	—	—	—	—	—
Not default Subtotal	—	—		—	—	—	—	—	—
Default	—	—	—	—	—	—	—	—	—
Other retail exposure	15.47%	90.72%	97.55%	316%	3	1	2	—	—
Not default Not delinquent	2.19%	91.29%		147%	3	0	2	—	—
Not default Delinquent	20.74%	49.05%		249%	0	0	0	—	—
Not default Subtotal	2.44%	90.72%		148%	3	0	2	—	—
Default	100.00%		97.55%	1,405%	0	0	0	—	—
Total	5.07%	45.51%	65.60%	93%	98	96	2	—	—
Not default Not delinquent	0.68%	45.59%		46%	91	88	2	—	—
Not default Delinquent	27.30%	43.97%		405%	4	4	0	—	—
Not default Subtotal	2.01%	45.51%		64%	95	93	2	—	—
Default	100.00%		65.60%	984%	3	3	0	—	—

Notes: 1. As of September 30, 2017, the majority of retail exposure is purchased retail receivables which are included in investment funds. Purchased retail receivables in investment funds using estimated parameters have been included in the amount subject to quantitative disclosure.

2. "Not default Delinquent" does not fall under the default definition in the Notification Regarding Capital Adequacy Ratio, but past-due.

3. Risk weight is equivalent to the total of the risk-weighted assets and the amount of dividing the expected loss by 8%, then dividing the result by exposure at default (EAD).

4. For defaulted exposure, the risk weight has been computed taking into account of the unexpected losses on default (LGD default) and the expected losses on default (EL default).

5. As of September 30, 2017, the Bank held no Qualifying revolving retail exposure for which net withdrawals of commitments had occurred.

## For the Six Months Ended September 30, 2016

(Billions of Yen)

Types of exposure	Weighted-average PD	Weighted-average LGD	Weighted-average EL default	Weighted-average risk weight	EAD	EAD (on-balance sheet)	EAD (off-balance sheet)	Amount of undrawn commitments	Weighted average of credit conversion factor
Retail exposure secured by residential properties	4.70%	43.53%	59.45%	85%	111	111	—	—	—
Not default Not delinquent	0.64%	43.53%		43%	102	102	—	—	—
Not default Delinquent	27.71%	43.53%		405%	6	6	—	—	—
Not default Subtotal	2.14%	43.53%		63%	108	108	—	—	—
Default	100.00%		59.45%	895%	2	2	—	—	—
Qualifying revolving retail exposure	—	—	—	—	—	—	—	—	—
Not default Not delinquent	—	—		—	—	—	—	—	—
Not default Delinquent	—	—		—	—	—	—	—	—
Not default Subtotal	—	—		—	—	—	—	—	—
Default	—	—	—	—	—	—	—	—	—
Other retail exposure	21.19%	86.25%	98.28%	390%	3	1	2	—	—
Not default Not delinquent	2.15%	86.96%		139%	2	0	2	—	—
Not default Delinquent	22.17%	49.45%		261%	0	0	0	—	—
Not default Subtotal	2.53%	86.25%		141%	3	0	2	—	—
Default	100.00%		98.28%	1,439%	0	0	0	—	—
Total	5.23%	44.68%	67.06%	95%	115	113	2	—	—
Not default Not delinquent	0.68%	44.74%		46%	105	103	2	—	—
Not default Delinquent	27.66%	43.58%		404%	6	6	0	—	—
Not default Subtotal	2.15%	44.68%		65%	111	109	2	—	—
Default	100.00%		67.06%	1,002%	3	3	0	—	—

Notes: 1. As of September 30, 2016, the majority of retail exposure is purchased retail receivables which are included in investment funds. Purchased retail receivables in investment funds using estimated parameters have been included in the amount subject to quantitative disclosure.

2. "Not default Delinquent" does not fall under the default definition in the Notification Regarding Capital Adequacy Ratio, but past-due.

3. Risk weight is equivalent to the total of the risk-weighted assets and the amount of dividing the expected loss by 8%, then dividing the result by exposure at default (EAD).

4. For defaulted exposure, the risk weight has been computed taking into account of the unexpected losses on default (LGD default) and the expected losses on default (EL default).

5. As of September 30, 2016, the Bank held no Qualifying revolving retail exposure for which net withdrawals of commitments had occurred.

## c. Actual Losses on Exposure to Corporate, Sovereign, Bank, and Retail Exposure

## Actual Losses by Exposure Types

(Billions of Yen)

Types of exposure	As of September 30, 2017	As of September 30, 2016	Increase/(decrease)
Corporate exposure	8	4	4
Sovereign exposure	—	—	—
Bank exposure	—	—	—
Equity exposure subject to PD/LGD approach	—	—	—
Retail exposure secured by residential properties	—	—	—
Qualifying revolving retail exposure	—	—	—
Other retail exposure	0	—	0
Total	8	4	4

Note: Actual losses are defined as losses due to direct write-offs, partial direct write-offs, specific reserve for possible loan losses, general reserve for possible loan losses and loan sales of exposure that defaulted up to the end of the previous period.

## Comparison between Actual Losses in the Previous Fiscal Year and Past Financial Results and Analysis of Causes

Credit conditions have generally remained favorable, but we increased reserves for possible loan losses in accordance with worsening credit conditions of certain investees. The

total value of actual losses in the first half of fiscal 2017 was up ¥4.4 billion year on year.

## Comparison of Estimated Losses and Actual Losses

(Billions of Yen)

Types of exposure	As of September 30, 2017		As of September 30, 2016		As of March 31, 2017	
	Estimated losses	Actual losses	Estimated losses	Actual losses	Estimated losses	Actual losses
Corporate exposure	5	8	7	4	14	4
Sovereign exposure	0	—	0	—	0	—
Bank exposure	0	—	0	—	1	—
Equity exposure subject to PD/LGD approach	0	—	0	—	0	—
Retail exposure secured by residential properties	0	—	0	—	0	—
Qualifying revolving retail exposure	—	—	—	—	—	—
Other retail exposure	0	0	0	—	0	0

(Billions of Yen)

Types of exposure	As of March 31, 2016		As of March 31, 2015		As of March 31, 2014	
	Estimated losses	Actual losses	Estimated losses	Actual losses	Estimated losses	Actual losses
Corporate exposure	15	1	17	3	20	0
Sovereign exposure	0	—	0	—	0	—
Bank exposure	0	—	0	—	1	—
Equity exposure subject to PD/LGD approach	0	0	0	1	0	—
Retail exposure secured by residential properties	0	0	—	—	—	—
Qualifying revolving retail exposure	—	—	—	—	—	—
Other retail exposure	0	0	0	0	0	0

(Billions of Yen)

Types of exposure	As of March 31, 2013		As of March 31, 2012		As of March 31, 2011	
	Estimated losses	Actual losses	Estimated losses	Actual losses	Estimated losses	Actual losses
Corporate exposure	24	1	42	9	73	7
Sovereign exposure	0	—	0	—	0	—
Bank exposure	0	—	0	—	0	—
Equity exposure subject to PD/LGD approach	0	—	2	0	3	0
Retail exposure secured by residential properties	—	—	—	—	—	—
Qualifying revolving retail exposure	—	—	—	—	—	—
Other retail exposure	0	0	0	0	0	0

(Billions of Yen)

Types of exposure	As of March 31, 2010		As of March 31, 2009		As of March 31, 2008	
	Estimated losses	Actual losses	Estimated losses	Actual losses	Estimated losses	Actual losses
Corporate exposure	55	42	45	23	28	6
Sovereign exposure	0	—	1	—	1	—
Bank exposure	0	—	0	—	0	—
Equity exposure subject to PD/LGD approach	1	0	0	0	1	0
Retail exposure secured by residential properties	—	—	—	—	—	—
Qualifying revolving retail exposure	—	—	—	—	—	—
Other retail exposure	0	0	0	0	0	0

Notes: 1. The scope of estimated and actual losses includes the following accounts on balance sheet: loans, foreign exchange, accrued interests in other assets, suspense payable and customers' liabilities for acceptances and guarantees, as well as securities without quoted market values, money trusts without quoted market values, and monetary claims purchased.

2. Estimated losses of each year are amount of expected losses.

#### d. Exposure to Specialized Lending Products Subject to Supervisory Slotting Criteria by Risk Weight

#### Amount of Specialized Lending Exposure Subject to Supervisory Slotting Criteria by Risk Weight

(Billions of Yen)

Classifications	As of September 30, 2017	As of September 30, 2016
Specialized Lending exposure subject to supervisory slotting criteria	<b>798</b>	383
Specialized Lending, excluding High-Volatility Commercial Real Estate (HVCRE)	<b>798</b>	383
Risk weight of 50%	<b>59</b>	60
Risk weight of 70%	<b>531</b>	201
Risk weight of 90%	<b>101</b>	68
Risk weight of 115%	<b>52</b>	15
Risk weight of 250%	<b>14</b>	16
Risk weight of 0% (default)	<b>39</b>	20
High-Volatility Commercial Real Estate (HVCRE)	—	—
Risk weight of 70%	—	—
Risk weight of 95%	—	—
Risk weight of 120%	—	—
Risk weight of 140%	—	—
Risk weight of 250%	—	—
Risk weight of 0% (default)	—	—

Notes: 1. "Specialized Lending" refers to loans for Project Finance (PF), Object Finance (OF), Commodity Finance (CF) and Income-Producing Real Estate (IPRE) (as defined in the Notification Regarding Capital Adequacy Ratio, Article 1-1-41).

2. "High-Volatility Commercial Real Estate (HVCRE)" refers to loans that are the financing of commercial real estate that exhibits a higher rate of loss volatility compared to other types of Specialized Lending, as specified in the Notification Regarding Capital Adequacy Ratio, Article 1-1-43.

3. "Specialized Lending exposure subject to supervisory slotting criteria" refers to the amounts of Specialized Lending, subject to the Bank's internal rating system, and have been allotted to the risk asset classifications given in the Notification Regarding Capital Adequacy Ratio, Article 130-4 and Article 130-6, after taking into account of risk weight.

4. For risk weight, the Bank has applied the stipulations contained in the Notification Regarding Capital Adequacy Ratio, Article 130-4 and Article 130-6.

### e. Equity Exposure Subject to the Simple Risk-Weighted Method of the Market-Based Approach by Risk Weight

#### Amount of Equity Exposure Subject to the Simple Risk-Weighted Method of the Market-Based Approach

(Billions of Yen)

Classifications	As of September 30, 2017		As of September 30, 2016	
	Exposure	Refer to ECAI	Exposure	Refer to ECAI
Equity exposure subject to the simple risk-weighted method of the market-based approach by risk weight	<b>110</b>	—	98	—
Risk weight of 300%	—	—	—	—
Risk weight of 400%	<b>110</b>	—	98	—

Note: "The simple risk-weighted method of the market-based approach by risk weight" is a method for computing the amount of risk-weighted assets of equity and other investments. Under this method, the market value of listed stocks is multiplied by a risk weight of 300%, and the estimated value of unlisted stocks is multiplied by a risk weight of 400% (Notification Regarding Capital Adequacy Ratio, Article 143-4).

### 4. Exposure Subject to Standardized Approach

#### Amount of Exposure Subject to Standardized Approach

(Billions of Yen)

Classifications	As of September 30, 2017		As of September 30, 2016	
	Exposure	Refer to ECAI	Exposure	Refer to ECAI
Exposure subject to Standardized Approach	<b>4</b>	—	3	—
Risk weight of 0%	—	—	—	—
Risk weight of 10%	—	—	—	—
Risk weight of 20%	—	—	—	—
Risk weight of 35%	—	—	—	—
Risk weight of 50%	—	—	—	—
Risk weight of 75%	—	—	—	—
Risk weight of 100%	<b>4</b>	—	3	—
Risk weight of 150%	—	—	—	—
Risk weight of 1,250%	—	—	—	—
Others	—	—	—	—

Note: "Others" include investment funds which are measured credit risk assets by look-through approach and the assets which are more than 150% and less than 1,250% risk weight.

**Credit Risk Mitigation Techniques** (Non-Consolidated)**Amount of Exposure Subject to Credit Risk Mitigation Techniques  
(Eligible Financial Collateral, Other Eligible IRB Collateral, Guarantees, Credit Derivatives)**

(Billions of Yen)

Classifications	As of September 30, 2017	As of September 30, 2016
Internal Ratings-Based Approach	<b>10,938</b>	8,708
Eligible financial collateral	<b>10,164</b>	7,996
Corporate exposure	—	247
Sovereign exposure	—	0
Bank exposure	<b>10,164</b>	7,749
Other eligible IRB collateral	—	—
Corporate exposure	—	—
Sovereign exposure	—	—
Bank exposure	—	—
Guarantees, Credit Derivatives	<b>773</b>	712
Corporate exposure	<b>411</b>	370
Sovereign exposure	<b>256</b>	256
Bank exposure	<b>105</b>	85
Retail exposure secured by residential properties	—	—
Qualifying revolving retail exposure	—	—
Other retail exposure	—	—
Standardized Approach	—	—
Eligible financial collateral	—	—
Guarantees, Credit Derivatives	—	—

Note: Exposure subject to risk-weighted asset calculation for investment fund is not included.

**Counterparty Credit Risk in Derivative Transactions** (Non-Consolidated)**Methods Used for Calculating Amount of Credit Exposure**

The current exposure method has been adopted.

**Breakdown of the Amount of Credit Exposure**

(Billions of Yen)

Classifications	As of September 30, 2017	As of September 30, 2016
Total gross replacement costs (limited to items with a value of greater than zero) (A)	<b>158</b>	426
Total gross add-ons (B)	<b>562</b>	434
Gross credit exposure (C)=(A)+(B)	<b>720</b>	860
Foreign exchange related	<b>474</b>	732
Interest rate related	<b>246</b>	127
Equity related	—	0
Credit derivatives	—	—
Transactions with a long settlement period	—	—
Reduction in credit exposure due to netting contracts (including collateral pledged for CSA) (D)	<b>294</b>	236
Amount of credit exposure before taking into account credit risk mitigation techniques due to collateral (E)=(C)-(D)	<b>426</b>	624
Amount of collateral (F)	<b>0</b>	287
Eligible financial collateral	<b>0</b>	287
Amount of credit exposure after taking into account credit risk mitigation techniques due to collateral (G)=(E)-(F)	<b>425</b>	336

Notes: 1. Derivatives transactions included in risk-weighted assets calculation for investment funds are not included.

2. Under the stipulations of the Notification Regarding Capital Adequacy Ratio, Article 56-1, the amount of credit exposure not computed has not been included.

## Notional Principal Amount of Credit Derivatives Included in Computation of Credit Exposure

(Billions of Yen)

Classifications	As of September 30, 2017	As of September 30, 2016
To buy protection	—	—
Credit default swaps	—	—
Total return swaps	—	—
To sell protection	—	—
Credit default swaps	—	—
Total return swaps	—	—
Notional principal amount of credit derivatives taking into consideration the effect of credit risk mitigation techniques	—	—

Notes: 1. Credit derivatives included in risk-weighted assets for investment funds have not been taken into consideration.

2. Under the stipulations of the Notification Regarding Capital Adequacy Ratio, Article 21-2, 3 and Article 56, the amount of credit risk assets not computed has not been included.

## Securitization Exposure (Non-Consolidated)

### 1. Items to Calculate Risk-Weighted Asset for Credit Risk Detail of Securitization Exposure Held as Originator

(Billions of Yen)

Classifications	As of September 30, 2017	As of September 30, 2016
Total amount of underlying assets	—	—
Amounts of assets held by securitization transactions purpose	—	—
Amounts of securitized exposure	—	—
Gains (losses) on sales of securitization transactions	—	—
Amounts of securitization exposure	—	—
Amounts of re-securitization exposure	—	—
Increase in capital due to securitization transactions	—	—
Amounts of securitization exposure that applied risk weight 1,250%	—	—
Amounts of re-securitization exposure subject to credit risk mitigation techniques	—	—

### Details of Securitization Exposure Held as Investor by Exposure Type

For the Six Months Ended September 30, 2017

(Billions of Yen)

Classifications	Total amount of securitization exposure					
	Amount of exposure	Risk weight 1,250%	Re-securitization exposure			
			Amount of exposure	Re-securitization products (Secondary, tertiary)	Re-securitization products peculiar to regulation	Risk weight 1,250%
Amounts of exposures	7,205 (—)	0 (—)	7	0	7	0
Individuals						
Asset-Backed Securities (ABS)	1,103 (—)	— (—)	—	—	—	—
Residential Mortgage-Backed Securities (RMBS)	2,227 (—)	— (—)	—	—	—	—
Real estate						
Commercial Mortgage-Backed Securities (CMBS)	66 (—)	— (—)	—	—	—	—
Corporates						
Subtotal of CDOs (CLO, ABS-CDO, CBO)	3,808 (—)	0 (—)	7	0	7	0
Collateralized Loan Obligations (CLO)	3,808 (—)	— (—)	7	—	7	—
Asset-Backed Securities CDOs (ABS-CDO)	0 (—)	0 (—)	0	0	—	0
Collateralized Bond Obligations (CBO)	— (—)	— (—)	—	—	—	—
Others	— (—)	— (—)	—	—	—	—

Notes: 1. The securitization exposure which contains securitization exposure as underlying asset is called re-securitization exposure.

2. The off-balance exposure has been described in parentheses. There is no re-securitization exposure of the off-balance.

## For the Six Months Ended September 30, 2016

(Billions of Yen)

Classifications	Total amount of securitization exposure					
	Amount of exposure	Risk weight 1,250%	Re-securitization exposure			Risk weight 1,250%
			Amount of exposure	Re-securitization products (Secondary, tertiary)	Re-securitization products peculiar to regulation	
Amounts of exposures	5,237 ( 0)	0 (—)	69	0	69	0
Individuals						
Asset-Backed Securities (ABS)	834 ( 0)	— (—)	—	—	—	—
Residential Mortgage-Backed Securities (RMBS)	2,134 (—)	— (—)	2	—	2	—
Real estate						
Commercial Mortgage-Backed Securities (CMBS)	59 (—)	— (—)	—	—	—	—
Corporates						
Subtotal of CDOs (CLO, ABS-CDO, CBO)	2,209 (—)	0 (—)	66	0	66	0
Collateralized Loan Obligations (CLO)	2,209 (—)	— (—)	66	—	66	—
Asset-Backed Securities CDOs (ABS-CDO)	0 (—)	0 (—)	0	0	—	0
Collateralized Bond Obligations (CBO)	— (—)	— (—)	—	—	—	—
Others	0 ( 0)	— (—)	—	—	—	—

Notes: 1. The securitization exposure which contains securitization exposure as underlying asset is called re-securitization exposure.

2. The off-balance exposure has been described in parentheses. There is no re-securitization exposure of the off-balance.

### Amount of Securitization Exposure Held as Investor and Regulatory Required Capital by Risk-Weighted Category

## For the Six Months Ended September 30, 2017

(Billions of Yen)

Classifications	Amount of exposure			Regulatory required capital		
	On-balance	Off-balance		On-balance	Off-balance	
Amount of securitization exposure	7,198	7,198	—	44	44	—
Risk weight: 20% or less	7,186	7,186	—	43	43	—
Risk weight: exceeding 20% to 50% or less	6	6	—	0	0	—
Risk weight: exceeding 50% to 100% or less	4	4	—	0	0	—
Risk weight: exceeding 100% to 250% or less	—	—	—	—	—	—
Risk weight: exceeding 250% to less than 1,250%	—	—	—	—	—	—
Risk weight: 1,250%	—	—	—	—	—	—
Amount of re-securitization exposure	7	7	—	0	0	—
Risk weight: 20% or less	—	—	—	—	—	—
Risk weight: exceeding 20% to 50% or less	7	7	—	0	0	—
Risk weight: exceeding 50% to 100% or less	—	—	—	—	—	—
Risk weight: exceeding 100% to 250% or less	—	—	—	—	—	—
Risk weight: exceeding 250% to less than 1,250%	—	—	—	—	—	—
Risk weight: 1,250%	0	0	—	0	0	—

## For the Six Months Ended September 30, 2016

(Billions of Yen)

Classifications	Amount of exposure			Regulatory required capital		
		On-balance	Off-balance		On-balance	Off-balance
Amount of securitization exposure	5,168	5,167	0	33	32	0
Risk weight: 20% or less	5,155	5,155	0	31	31	0
Risk weight: exceeding 20% to 50% or less	7	7	—	0	0	—
Risk weight: exceeding 50% to 100% or less	1	1	—	0	0	—
Risk weight: exceeding 100% to 250% or less	4	4	—	0	0	—
Risk weight: exceeding 250% to less than 1,250%	0	—	0	0	—	0
Risk weight: 1,250%	—	—	—	—	—	—
Amount of re-securitization exposure	69	69	—	1	1	—
Risk weight: 20% or less	2	2	—	0	0	—
Risk weight: exceeding 20% to 50% or less	66	66	—	1	1	—
Risk weight: exceeding 50% to 100% or less	—	—	—	—	—	—
Risk weight: exceeding 100% to 250% or less	—	—	—	—	—	—
Risk weight: exceeding 250% to less than 1,250%	—	—	—	—	—	—
Risk weight: 1,250%	0	0	—	0	0	—

### Amount of Re-Securitization Exposure Held as Investor and Subject to Credit Risk Mitigation Techniques

(Billions of Yen)

Classifications	As of September 30, 2017		As of September 30, 2016	
	Amount of exposure	Regulatory required capital	Amount of exposure	Regulatory required capital
Amount of re-securitization exposure	—	—	—	—
Risk weight applied to guarantor: 20% or less	—	—	—	—
Risk weight applied to guarantor: exceeding 20% to 50% or less	—	—	—	—
Risk weight applied to guarantor: exceeding 50% to 100% or less	—	—	—	—
Risk weight applied to guarantor: exceeding 100% to 250% or less	—	—	—	—
Risk weight applied to guarantor: exceeding 250% to less than 1,250%	—	—	—	—
Risk weight applied to guarantor: 1,250%	—	—	—	—

## 2. Securitization Exposure Subject to Market Risk

Not applicable

**Market Risk** (Non-Consolidated)**Computation of Market Risk Amount by the Internal Models Approach**

## ■ VaR

(Millions of Yen)

	For the six months ended September 30, 2017	For the six months ended September 30, 2016
Base date of computation	<b>2017. 9. 30</b>	2016. 9. 30
VaR (For the most recent 60 business days)		
Base date of computation	<b>55</b>	43
Maximum	<b>129</b>	125
Minimum	<b>24</b>	36
Average	<b>62</b>	62

## ■ Stress VaR

(Millions of Yen)

	For the six months ended September 30, 2017	For the six months ended September 30, 2016
Base date of computation	<b>2017. 9. 30</b>	2016. 9. 30
Stress VaR (For the most recent 60 business days)		
Base date of computation	<b>194</b>	220
Maximum	<b>552</b>	316
Minimum	<b>102</b>	83
Average	<b>247</b>	179

## ■ Amount of Market Risk

(Millions of Yen)

		For the six months ended September 30, 2017	For the six months ended September 30, 2016
For the portion computed with the internal models approach (B)+(G)+(J)	(A)	<b>930</b>	727
Value at Risk (MAX (C, D))	(B)	<b>187</b>	188
Amount on base date of computation	(C)	<b>55</b>	43
Amount determined by multiplying (E) by the average for the most recent 60 business days	(D)	<b>187</b>	188
(Multiplier)	(E)	<b>3.00</b>	3.00
(Times exceeding VaR in back testing)	(F)	<b>1</b>	1
Stress Value at Risk (MAX (H, I))	(G)	<b>743</b>	539
Amount on base date of computation	(H)	<b>194</b>	220
Amount determined by multiplying (E) by the average for the most recent 60 business days	(I)	<b>743</b>	539
Additional amount at the time of measuring individual risk	(J)	<b>0</b>	0

- Notes: 1. As a result of back testing conducted in first half of the fiscal 2017, actual gains and losses did not diverge substantially downward from the VaR value.
2. When discrepancies between the model's estimates and actual results go beyond a certain number of times due to the designs of the model, the Bank scrutinizes the relevant model factors and revises the model if necessary.
3. Since the Bank adopts a standardized approach, neither an additional risk nor a comprehensive risk of specific risks of trading account are the measurement objects.

## Equity Exposure (Non-Consolidated)

(Includes items such as shares, excludes items in trading accounts)

### Amount on the Balance Sheet and Market Value

(Billions of Yen)

Classifications	As of September 30, 2017		As of September 30, 2016	
	Amount on the balance sheet	Market value	Amount on the balance sheet	Market value
Equity exposure	<b>1,413</b>		1,185	
Exposure to publicly traded equity	<b>1,146</b>	<b>1,146</b>	935	935
Exposure to privately held equity	<b>266</b>		249	

Note: Regulatory adjustments in numerator provided for by Notification Regarding Capital Adequacy Ratio, Article 14 were not included.

### Amount of Gain (Loss) due to Sale or Write-Off

(Billions of Yen)

Item	For the six months ended September 30, 2017			For the six months ended September 30, 2016		
	Gain on sales of equities, etc.	Loss on sales of equities, etc.	Write-offs of equities, etc.	Gain on sales of equities, etc.	Loss on sales of equities, etc.	Write-offs of equities, etc.
Equity exposure	<b>3</b>	<b>0</b>	<b>1</b>	32	0	0

Note: Amounts reflect relevant figures posted in the half-year income statements.

### Amount of Valuation Gains (Losses)

(Billions of Yen)

Item	As of September 30, 2017	As of September 30, 2016
Amount of valuation gains (losses) recognized on the balance sheet and not recognized in the statements of operations	<b>494</b>	331

Notes: 1. Exposure is to equity shares issued by both domestic and overseas companies.

2. Regulatory adjustments in numerator provided for by Notification Regarding Capital Adequacy Ratio, Article 14 were not included.

### Unrealized Gains (Losses) Not Recognized on Non-Consolidated Balance Sheets or Non-Consolidated Statements of Income

Not applicable

### Equity Exposure for Each Portfolio Classification

(Billions of Yen)

Classifications	As of September 30, 2017	As of September 30, 2016
	EAD	EAD
Equity portfolios	<b>1,413</b>	1,185
Equity portfolios subject to PD/LGD approaches	<b>928</b>	778
Equity portfolios subject to simple risk-weighted method	<b>110</b>	98
Equities under the internal models approach	<b>373</b>	307

## Exposure Subject to Risk-Weighted Asset Calculation for Investment Fund (Non-Consolidated)

### Amount of Exposure Subject to Risk-Weighted Asset Calculation for Investment Fund

(Billions of Yen)

Classifications	As of September 30, 2017		As of September 30, 2016	
	Exposure	(For reference) Weighted average risk weight	Exposure	(For reference) Weighted average risk weight
Look-through approach	19,566	64%	15,109	66%
Majority approach	803	386%	622	383%
Mandate approach	—	—	—	—
Market-based approach	1,588	326%	1,551	329%
Others (simple approach)	354	425%	249	429%
Total	22,313	92%	17,532	98%

Notes: 1. The "Look-through approach" is a method for computing the risk-weighted assets in fund by totaling the amount of risk-weighted assets for credit risk in individual asset categories. (Please refer to Notification Regarding Capital Adequacy Ratio, Article 144-1.)

2. The "Majority approach" is a method for computing the risk-weighted assets in fund by applying risk weight to the fund as well as equity exposure when the exposure of equity, in terms of value, is major in a fund. (Please refer to the Notification Regarding Capital Adequacy Ratio, Article 144-2.)

3. The "Mandate approach" is a method for computing the risk-weighted assets in fund where only the investment mandate of the fund is known. The risk-weighted assets are computed as follows; It is assumed that the fund first invests, to the maximum extent allowed under its mandate, in the asset classes attracting the highest capital requirement, and then continues making investments in descending order until the maximum total investment level is reached. (Please refer to the Notification Regarding Capital Adequacy Ratio, Article 144-3.)

4. The "Market-based approach" is a method for computing the credit risk of exposure regarded as credit risk assets using the Bank's internal model (which is a value-at-risk (VaR) model based on the historical simulation method). (Please refer to the Notification Regarding Capital Adequacy Ratio, Article 144-4.)

5. The "Others (simple approach)" is a method for computing the risk-weighted assets in fund by applying risk weight of 400%, when it is judged the probability that the weighted average risk weight will be less than 400%. In all other cases, risk weight of 1,250% is applied to funds. (Please refer to the Notification Regarding Capital Adequacy Ratio, Article 144-5.)

6. (For reference) The sum of the amount of risk-weighted assets (excluding CVA risk amount) and the amount resulting from dividing the expected loss by 8% are divided by EAD to yield the risk weight value.

## Interest Rate Risk (Non-Consolidated)

(The increase or decrease of the profit and loss or in the economic value from interest rate shocks which used for internal management purpose, in terms of interest rate risk excluding trading accounts.)

### Interest Rate Risk Volume Computed with the Internal Model in Core Business Accounts (Excluding Trading Accounts)

(Billions of Yen)

Classifications	As of September 30, 2017	As of September 30, 2016
Interest-rate risk	2,515	1,595
Yen interest rate risk	104	201
U.S. dollar interest rate risk	1,928	1,101
Euro interest rate risk	468	278
Interest rate risk in other currencies	12	13

Notes: 1. Interest rate risk, without taking into account inter-grid factors and correlations with other assets, calculates a one-year holding period and a historical observation period from 1995 to the most recent year of interest rate volatility. The Bank calculated declines in economic value corresponding to a 99% confidence interval for interest rate volatility.

2. Regarding core deposits, since the balances of deposits, etc., without maturity dates are limited, the Bank does not currently measure their risk volume. In addition, regarding repayments of mortgage-backed securities and callable securities before maturity, risk volume is measured after taking into account of negative convexity due to call conditions and other factors.

# Sound Management of Liquidity Risk (Non-Consolidated)

## Quantitative Disclosure Items Concerning a Liquidity Coverage Ratio on a Non-Consolidated Basis

(Millions of Yen, %, the Number of Items)

Items		The current quarter (July 1 to September 30, 2017)		The previous quarter (April 1 to June 30, 2017)	
		Amount before multiplying a cash outflow ratio	Amount after multiplying a cash outflow ratio	Amount before multiplying a cash outflow ratio	Amount after multiplying a cash outflow ratio
High-quality liquid assets (1)					
1	Total high-quality liquid assets	37,230,666		36,748,317	
Cash outflows (2)					
2	Cash outflows relating to unsecured retail funding	59,664	5,987	60,392	6,086
3	of which: stable deposits	333	10	344	10
4	of which: quasi-stable deposits	59,331	5,977	60,048	6,076
5	Cash outflows relating to unsecured wholesale funding	10,589,566	7,925,393	11,861,537	8,516,540
6	of which: qualifying operational deposits	0	0	0	0
7	of which: capital relating to unsecured wholesale funding, excluding qualifying operational deposits and debt securities	9,410,124	6,745,950	10,905,965	7,560,968
8	of which: debt securities	1,179,442	1,179,442	955,572	955,572
9	Cash outflows relating to secured funding, etc.	324,671		310,923	
10	Cash outflows relating to funding programs and credit/liquidity facilities such as derivative transactions, etc.	2,705,770	1,668,668	2,658,400	1,615,008
11	of which: cash outflows relating to derivative transactions	1,418,185	1,418,185	1,366,638	1,366,638
12	of which: cash outflows relating to funding programs	0	0	0	0
13	of which: cash outflows relating to credit/liquidity facilities	1,287,585	250,483	1,291,762	248,370
14	Cash outflows based on an obligation to provide capital	3,951,289	202,548	4,507,155	238,073
15	Cash outflows relating to contingencies	3,231,039	130,578	3,126,024	123,121
16	Total cash outflows	10,257,845		10,809,751	
Cash inflows (3)					
17	Cash inflows relating to secured fund management, etc.	1,256,461	0	2,204,604	0
18	Cash inflows relating to collections of advances, etc.	3,271,300	2,765,442	3,160,532	2,559,651
19	Other cash inflows	6,472,382	964,172	5,634,998	600,339
20	Total cash inflows	11,000,143	3,729,614	11,000,134	3,159,990
Liquidity coverage ratio on a non-consolidated basis (4)					
21	Sum of high-quality liquid assets that can be included	37,230,666		36,748,317	
22	Net cash outflows	6,528,231		7,649,761	
23	Liquidity coverage ratio on a non-consolidated basis	570.3%		480.3%	
24	The number of data for calculating the average value	62		62	

## Qualitative Disclosure Items Concerning a Liquidity Coverage Ratio on a Non-Consolidated Basis

- Items concerning a change in the non-consolidated liquidity coverage ratio on a time-series basis

The non-consolidated liquidity coverage ratio for the current quarter maintained a high and stable level.

- Items concerning evaluation of the level of the non-consolidated liquidity coverage ratio

The non-consolidated liquidity coverage ratio for the current quarter has tended to be well above the minimum level.

- Items concerning the details of the sum of high-quality liquid assets that can be included

In light of the Bank's liquidity coverage ratio, there is no material item.

- Other items concerning the non-consolidated liquidity coverage ratio

In light of the Bank's liquidity coverage ratio, there is no material item.