Disclosure regarding Denominator of Capital Adequacy Ratio Formula

Mizuho Bank 【Consolidated】
As of December 31, 2018

(in million yen)

OV1: Overview of Risk-Weighted Assets (RWA)

Basel III Template No.		a	b	c	d
		RWA		Capital requirements	
		As of December 31 2018	As of September 30 2018	As of December 31 2018	As of September 30 2018
1	Credit risk (excluding counterparty credit risk)	37,832,552	37,866,261	3,194,077	3,197,804
2	of which: standardized approach (SA)	1,556,493	1,509,468	124,519	120,757
3	of which: internal rating-based (IRB) approach	34,890,216	35,104,923	2,958,690	2,976,897
	of which: significant investments	-	-	-	-
	of which: estimated residual value of lease transactions	-	-	-	-
	others	1,385,842	1,251,868	110,867	100,149
4	Counterparty credit risk (CCR)	3,871,405	3,508,898	314,687	284,854
5	of which: SA-CCR	-	-	-	-
	of which: current exposure method	144,916	104,963	12,181	8,792
6	of which: expected positive exposure (EPE) method	737,532	673,453	62,485	57,043
	of which: credit valuation adjustment (CVA) risk	2,175,734	2,020,759	174,058	161,660
	of which: central counterparty-related	203,822	131,048	16,305	10,483
	Others	609,399	578,674	49,656	46,874
7	Equity positions in banking book under market-based approach	2,901,462	2,216,923	246,044	187,995
	Fund exposures - standardized approach	-	-	-	-
	Fund exposures - regarded method	3,331,607	2,997,504	281,693	253,360
11	Settlement risk	8,581	1,110	726	93
12	Securitization exposures in banking book	400,604	404,288	33,971	34,283
13	of which: IRB ratings-based approach (RBA) or IRB internal assessment approach (IAA)	97,640	114,719	8,279	9,728
14	of which: IRB supervisory formula approach (SFA)	294,464	281,068	24,970	23,834
15	of which: SA/simplified supervisory formula approach (SSFA)	-	-	-	-
	of which: 1250% risk weight is applied	8,500	8,500	720	720
16	Market risk	1,840,897	2,202,261	147,271	176,180
17	of which: standardized approach (SA)	747,847	695,483	59,827	55,638
18	of which: internal model approaches (IMA)	1,093,050	1,506,778	87,444	120,542
19	Operational risk	2,349,112	2,349,951	187,928	187,996
20	of which: basic indicator approach	441,936	441,936	35,354	35,354
21	of which: standardized approach	-	-	-	-
22	of which: advanced measurement approach	1,907,175	1,908,015	152,574	152,641
23	Exposures of specified items not subject to regulatory adjustments	1,058,867	836,599	86,662	68,817
	Amounts included in RWA subject to phase-out arrangements	-	-	-	-
24	Floor adjustment	-	-	-	-
25	Total (after applying the scaling factor)	56,163,298	54,892,326	4,493,063	4,391,386

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CR8:RWA flow statements of credit risk exposures under IRB approach			
No.			RWA
1	RWA at the end of the previous reporting period		39,045.9
2	Breakdown of changes during this reporting period	Asset size	1,005.5
3		Portfolio quality	119.7
4		Model updates	-
5		Methodology and policy	-
6		Acquisitions and disposals	-
7		Foreign currency fluctuations	(385.1)
8		Other	(48.2)
9	RWA at the end of this reporting period		39,737.8

Notes: 1. Counterparty credit risk exposures, securitization exposures, and regarded-method exposures are excluded from the amount of credit risk exposures above.

2. Asset size corresponds to the amount of variation in RWA arising from changes in book size and composition, increased assets resulting from origination of new businesses, decreased assets due to matured receivables, etc.

3. Portfolio quality corresponds to the amount of variation in RWA arising from changes in obligor’s and facilities’ ratings, changes in collateral values and guarantees, etc.

4. Foreign currency fluctuations correspond to the amount of variation in RWA arising from the effect of fluctuations in foreign exchange rates involving exposures to transactions denominated in foreign currencies.

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CCR7: RWA flow statements of CCR exposures under EPE method			
No.			RWA
1	RWA at the end of the previous reporting period		673.4
2	Breakdown of changes during this reporting period	Asset size	83.2
3		Credit quality of counterparties	(2.6)
4		Model updates (EPE only)	-
5		Methodology and policy (EPE only)	-
6		Acquisitions and disposals	-
7		Foreign currency fluctuations	(16.1)
8		Other	(0.3)
9	RWA at the end of this reporting period		737.5

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MR2：RWA flow statements of market risk exposures under IMA

No.			A	B	C	D	E	F
			VAR	Stressed VAR	IRC	CRM	Other	Total
1a	RWA at the end of the previous reporting period		333.4	1,173.3	-	-		1,506.7
1b	Adjustment to RWA at the end of the previous reporting period		3.29	3.08	-	-		3.12
1c	IMA values at the end of the previous reporting period		101.1	380.4	-	-		481.6
2	Breakdown of changes during this reporting period	Change in risk levels	(41.5)	(110.0)	-	-		(151.5)
3		Model updates/changes	3.0	4.9	-	-		7.9
4		Methodology and policy	-	-	-	-		-
5		Acquisitions and disposals	-	-	-	-		-
6		Foreign currency fluctuations	(25.6)	39.5	-	-		13.9
7		Other	28.6	(122.0)	-	-		(93.4)
8a	IMA values at the end of this reporting period		65.6	192.8	-	-		258.5
8b	Adjustment to RWA at the end of this reporting period		4.04	4.29	-	-		4.22
8c	RWA at the end of this reporting period		265.2	827.8	-	-		1,093.0