# BNK Financial Group Inc. and its subsidiaries

Consolidated financial statements for the year ended December 31, 2023 with the independent auditor's report

BNK Financial Group Inc.

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# Independent auditor's report

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Internal Control over Financial Reporting for Consolidation Purposes Operating status report by CEO



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> Independent auditor's report (English Translation of a Report Originally Issued in Korean)

# The Shareholders and Board of Directors BNK Financial Group Inc.

# Opinion

We have audited the consolidated financial statements of BNK Financial Group Inc. and its subsidiaries (collectively referred to as the "Group"), which comprise the consolidated statement of financial position as of December 31, 2023, and the consolidated statement of comprehensive income, consolidated statement of changes in equity and consolidated statement of cash flows for the year ended December 31, 2023, and the notes to the financial statements, including material accounting policy information.

In our opinion, the accompanying consolidated financial statements present fairly, in all material respects, the consolidated financial position of the Group as of December 31, 2023, and its consolidated financial performance and its consolidated cash flows for the year ended December 31, 2023 in accordance with International Financial Reporting Standards as adopted by the Republic of Korea ("KIFRS").

We have audited the Group's internal control over financial reporting ("ICFR") as of December 31, 2023, based on the Conceptual Framework for Design and Operation of ICFR established by the Operating Committee of ICFR in Korea, in accordance with Korean Standards on Auditing ("KSA"), and our report dated March 13, 2024 expressed an unqualified opinion thereon.

#### **Basis for opinion**

We conducted our audit in accordance with KSA. Our responsibilities under those standards are further described in the Auditor's responsibilities for the audit of the consolidated financial statements section of our report. We are independent of the Group in accordance with the ethical requirements that are relevant to our audit of the consolidated financial statements in the Republic of Korea, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

#### Key audit matter

Key audit matter is the matter that, in our professional judgment, was of most significance in our audit of the consolidated financial statements of the current period. The matter was addressed in the context of our audit of the consolidated financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on this matter.

- Measurement of the allowances for loss for loans measured at amortized cost

As mentioned in Note 3 (Material Accounting Estimates and Assumptions) to the consolidated financial statements, the Group recognizes an allowance for loss for loans measured at amortized cost by evaluating the expected credit loss impairment model.

The expected credit loss model requires an entity to subsequently measure the allowance for loss for a financial asset at either 12-month expected credit loss or lifetime expected credit loss i.e., expected



credit loss for the entire loan period, considering whether credit risk has increased significantly after the initial recognition of the financial asset.

The assumptions used in measuring the allowance for loss, including the extent of increase in credit risk, estimation on risk factors such as default rate and default loss rate, estimation on forward-looking information and inputs used for the individual evaluation, such as future cash flows and discount rates, are items that involve significant judgment by management. In this regard, we determined the allowance for loss for loss for loan at amortized cost as a key audit matter that draws our significant attention.

As described in Note 12 to the consolidated financial statements, as of December 31, 2023, the Group's loan receivables at amortized cost subject to the expected credit loss model amount to KRW 110,686,026 million, and the allowance for loss related thereto is KRW 1,471,567 million. The primary audit procedures we have performed regarding management's assertion on the measurement of allowance for loss for loss for loan receivables at amortized cost are as follows.

- Perform analytical procedures for stage classification adequacy, and inspection of methodology document and testing;
- Involve internal specialists to perform inspection on document and test for the estimation method used in estimating the Probability of Default (PD) and Loss Given Default(LGD);
- Involve internal specialists to perform inspection on document for the estimation method used in estimating forward-looking information; and
- Make inquiries and perform inspection on document and test regarding the estimated future cash flow and appropriateness of discount rate used in relation to calculation of allowance for loss for individual loan receivable.



#### Other matter

The consolidated financial statements of the Group as of and for the year ended December 31, 2022 were audited by Deloitte Anjin Accounting Corp. whose report dated March 7, 2023 expressed an unqualified opinion thereon. Meanwhile, the consolidated financial statements on which the aforementioned auditor expressed an opinion present the amounts before restated to reflect adjustments described in Note 45, and the consolidated financial statements for the year ended on December 31, 2022, presented herein for comparative purposes, reflect the adjustments.

As part of our audit on the consolidated financial statements as of and for the year ended December 31, 2023, we also audited the adjustments applied to restate the consolidated financial statements as of and for the year ended December 31, 2022, as described in Note 45 to the consolidated financial statements. In our opinion, the adjustments are presented and reflected fairly.

Except for the adjustments described above, we have not concluded any other audit or review contracts with respect to the Group's consolidated financial statements as of and for the year ended December 31, 2022. Therefore, we do not express a separate audit opinion or any other form of assurance regarding the entire consolidated financial statements as of and for the year ended December 31, 2022.

#### Auditor's responsibilities for the audit of the consolidated financial statements

Our objectives are to obtain reasonable assurance about whether the consolidated financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not a guarantee that an audit conducted in accordance with KSA will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these consolidated financial statements.

As part of an audit in accordance with KSA we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Group's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the consolidated financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Group to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the consolidated financial statements, including the disclosures, and whether the consolidated financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- Obtain sufficient appropriate audit evidence regarding the financial information of the entities or



business activities within the Group to express an opinion on the consolidated financial statements. We are responsible for the direction, supervision and performance of the group audit. We remain solely responsible for our audit opinion.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the consolidated financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditor's report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

The engagement partner on the audit resulting in this independent auditor's report is Ahn, Duk Soo.

Cinst Joung Han Joung

March 13, 2024

This audit report is effective as of March 13, 2024, the independent auditor's report date. Accordingly, certain material subsequent events or circumstances may have occurred during the period from the date of the independent auditor's report to the time this report is used. Such events and circumstances could significantly affect the accompanying consolidated financial statements and may result in modifications to this report.

# **BNK Financial Group Inc. and its subsidiaries**

Consolidated financial statements for each of the two years in the period ended December 31, 2023

"The accompanying consolidated financial statements, including all footnotes and disclosures, have been prepared by, and are the responsibility of, the Group."

Dae In Bin Chief Executive Officer BNK Financial Group Inc.

#### BNK Financial Group Inc. and its subsidiaries Consolidated statements of financial position as of December 31, 2023, 2022 and 2021

(In millions of Korean won)	Notes		2023		2022		2021
Assets							
Cash and due from banks	4,6,7,42	₩	5,359,110	₩	6,212,882	₩	5,349,248
Financial assets at fair value through profit or loss	4,6,8,11		7,223,889		4,954,903		5,640,558
Financial assets at fair value through other comprehensive income	4,6,9,11,13		7,187,862		5,093,086		5,150,489
Financial assets at amortized cost	4,6,10,11,13		9,220,251		9,234,752		8,734,540
Loans and receivables	4,6,12,13,14		110,857,874		106,279,112		98,684,337
Derivative assets	4,6,15		133,688		168,679		33,905
Investments in associates and joint venture	16		1,558,015		1,106,662		1,116,386
Property and equipment	17		1,291,369		1,210,905		1,160,27
Intangible assets	18		267,779		281,573		293,035
Investment properties	19		617,039		647,642		661,799
Net defined benefit assets	25		162,105		194,064		18,718
Deferred tax assets	38		-		24,587		
Current tax assets	38		-		2,703		
Other assets	20		1,904,653		1,521,057		1,428,832
Total assets		₩	145,783,634	₩	136,932,607	₩	128,272,118
Liabilities							
Deposit liabilities	4,6,21	₩	106,761,234	₩	101,470,361	₩	93,282,00
Financial liabilities at fair value through profit or loss	4,6,22		1,108,862		850,662		341,28
Borrowings	4,6,23		8,815,876		7,716,089		7,641,21
Debentures	4,6,24		13,035,410		12,145,457		13,442,860
Derivative liabilities	4,6,15		122,132		194,189		34,431
Net defined benefit liabilities	25		3,488		421		
Provisions	26,40		191,746		122,411		107,502
Current tax liabilities	38		37,921		180,601		153,480
Deferred tax liabilities	38		45,508		-		20,616
Other liabilities	4,6,27		4,987,755		3,462,533		3,042,798
Total liabilities			135,109,932		126,142,724		118,066,197
Equity							
Equity attributable to owners of the Parent Company							
Share capital	28		1,629,676		1,629,676		1,629,676
Hybrid equity securities	28		727,636		827,392		827,392
Other paid-in capital	28		785,126		778,905		780,000
Other components of equity	28		(39,099)		(160,374)		(122,162
Retained earnings	28		7,121,661		6,766,697		6,193,55
			10,225,000		9,842,296		9,308,464
Non-controlling interest			448,702		947,587		897,45
Total equity			10,673,702		10,789,883		10,205,92
Total liabilities and equity		₩	145,783,634	₩	136,932,607	₩	128,272,118

The accompanying notes are an integral part of the consolidated financial statements.

# BNK Financial Group Inc. and its subsidiaries

#### Consolidated statements of comprehensive income

for each of the two years in the period ended December 31, 2023

(In millions of Korean won, except per share amounts)	Notes		2023		2022
Net interest income	29				
Interest income					
Financial assets at fair value through profit or loss		₩	143,075	₩	77,008
Financial asset at fair value through other comprehensive income			144,655		72,565
Financial assets at amortized cost			6,403,991		4,629,389
			6,691,721		4,778,962
Interest expenses			(3,786,267)		(1,857,856)
			2,905,454		2,921,106
Net fee and commission income	30				
Commission income			410,371		552,739
Commission expenses			(169,092)		(163,899)
			241,279		388,840
	24		404 504		(4.007)
Gain (loss) on financial assets at fair value through profit or loss	31		161,584		(4,287)
Gain on financial assets at fair value through other comprehensive income	32		4,798		2,809
Gain (loss) on financial assets at amortized cost	33		(246)		284
Contribution to allowance for credit loss and others	34				
Contribution to allowance for credit loss			(868,112)		(548,471)
Gain on disposal of loans	05		108,737		70,016
General and administrative expenses	35		(1,475,965)		(1,521,183)
Other operating income (expenses)	15,36		00.044		40.770
Gain on foreign currency transaction			32,841		12,778
Gain from derivatives			77,179		532
Other operating income			583,302		591,778
Other operating expenses			(969,677)		(758,061)
Operating profit			801,174		1,156,141
Non-operating income (expenses)	37				
Share of profit of associates			54,170		1,053
Other income			76,200		64,608
Other expenses			(55,984)		(96,600)
			74,386		(30,939)
Profit before income tax expense			875,560		1,125,202
Income tax expense	38		(196,655)		(292,052)
Profit for the year	5,39	₩	678,905	₩	833,150
Profit is attributable to:					
Owners of the Parent Company			639,780		784,980
Non-controlling interest			39,125		48,170
(Continued)					

# BNK Financial Group Inc. and its subsidiaries

# Consolidated statements of comprehensive income

for each of the two years in the period ended December 31, 2023, continued

(In millions of Korean won, except per share amounts)	Notes	2023		2022
Other comprehensive income, net of tax	28			
Items that will not be reclassified to profit or loss				
Remeasurements of net defined benefit liabilities Gain (loss) on valuation of equity instruments at fair value		₩ (24,897)	₩	79,674
through other comprehensive income		6,186		(12,195)
Change in the fair value of the financial liabilities designated at fair value through profit or loss attributable to changes in the credit risk		(172)		(79)
Items that may be subsequently reclassified to profit or loss Gain (loss) on valuation of debt instruments at fair value				
through other comprehensive income		141,166		(106,165)
Gain on foreign currency translation of oversease operations		2,973		13,878
Loss on valuation of hedges of net investments in foreign operations		(4,106)		(14,915)
Share of other comprehensive income (loss) of associates		(839)		1,615
Impairment loss of debt instruments at fair value through other comprehensive income		898		3
Other comprehensive income (loss) for the year, net of tax		121,209		(38,184)
Total comprehensive income for the year		₩ 800,114	₩	794,966
Total comprehensive income for the year is attributable to:		,		· · · ·
Owners of the Parent Company		₩ 760,989	₩	746,796
Non-controlling interests		39,125		48,170
Earnings per share (in Korean won)				
Basic and diluted earnings per share	39	₩ 1,905	₩	2,327

The accompanying notes are an integral part of the consolidated financial statements.

# BNK Financial Group Inc. and its subsidiaries Consolidated statements of changes in equity for each of the two years in the period ended December 31, 2023

			At	Attributable to owners of the Parent Company	of the Parent Con	npany				
(In millions of Korean won)		Share capital	Hybrid equity securities	Other paid-in capital	Other components of equity	nents	Retained earnings	Total	Non-controlling interests	Total equity
Doloran is a concept	3	W 973.024.1	000 200		141	W1 (031 CC1)	6 103 EE0 W	MI FAF OUC O		10 205 021
Datance as of January 1, 2022 Dividends	~				~				-	(181.682)
Issuance of hydrid equity securities							-	-	349.035	349 035
Repayment of hybrid equity securities				(1,095)				(1,095)	(298,905)	(300,000)
Dividends on hybrid equity securities							(30,187)	(30,187)	(48,171)	(78,358)
Total comprehensive income (loss):										
Profit for the year							784,980	784,980	48,171	833,151
Other comprehensive income						123.02		123.02		123 OF
Kemeasurements of net defined benefit liabilities Loss on valuation of financial assets at fair value						13,0/4		19,0/4		19,0/4
through other comprehensive income					(11	(118,359)		(118,359)		(118,359)
Gain (loss) on disposal of equity instruments at fair value through other comprehensive income						(28)	28			
Gain on foreign currency translation of oversease operations						13,878	,	13,878		13,878
Loss on valuation of hedges of net investments in foreign operations					Ð	(14.915)		(14.915)		(14.915)
Share of other comprehensive income of associates					-	1,615		1,615		1,615
Impairment loss of debt instruments at fair value through other comprehensive income			,			7		2		2
Change in the fair value of the financial liabilities designated at fair value through profit or loss attributable to changes in						(02)		(02)		(02)
the updation Balance as of December 31, 2022	≯	1,629,676 W	827,392	W 778,905	W	(160,374) W	6,766,697 W	(1.9) 9,842,296 W	947,587 W	10,789,883
Baiance as of January 1, 2023	×	1,629,676 W	827,392	W 778,905	×	(160,374) W	6,766,697 W	9,842,296 W	947,587 W	10,789,883
Dividends							(202,770)	(202,770)		(202,770)
Interim dividends							(32,209)	(32,209)		(32,209)
Issuance of hybrid equity securities			149,488	•				149,488	•	149,488
Repayment of hybrid equity securities			(249,244)	(1,871)				(251,115)	(498,885)	(750,000)
Dividends on hybrid equity securities Acruisition of treasury stocks				- (16,000)			(25,678)	(25,678) (16,000)	(39,125)	(64,803) (16,000)
Retirement of treasury stocks				22,997			(22,998)	(1)		(1)
Change in capital adjustments				1,095			(1,095)	•		
Total comprehensive income							001 000		107 00	
Proversion the year Other comprehensive income							038,700	00%'/ 00	38, 123	0/0,800
Remeasurements of net defined benefit liabilities					g	(24,897)		(24,897)		(24,897)
Gain on valuation of financial assets at fair value through other comprehensive income					÷	147.352		147.352		147.352
Gain (loss) on disposal of equity instruments at fair value		,				99	(66)		,	
mough outer comprehensive mounte Gain on foreign currency translation of oversease		'				3	(00)		1	
operations		•	•	•		2,973		2,973		2,973
Loss on valuation of nedges of net investments in foreign operations					-	(4,106)		(4,106)		(4,106)
Share of other comprehensive loss of associates				•		(839)		(839)		(839)
Impairment loss of debt instruments at fair value through other comprehensive income						898		898		898
Change in the fair value of the financial liabilities designated at fair value through profit or loss attributable to changes in								10111		
trie Great IISK Balance as of December 31, 2023	W	- 1 620 676	-	- 785 126	W	(30,000) W	- 7 1 2 1 661 W	10.225.000 W	- 448.702 M	10.673 702
Dalaited as 01 cevenines 41; test	:				*				1001	101010

The accompanying notes are an integral part of the consolidated financial statements.

# BNK Financial Group Inc. and its subsidiaries

# Consolidated statements of cash flows

# for each of the two years in the period ended December 31, 2023

(In millions of Korean won)	2023	2022
Cash flows from operating activities		
Profit for the year	₩ 678,905	₩ 833,150
Adjustments to profit for the year:		
Interest income	(6,691,721)	(4,778,962)
Interest expense	3,786,267	1,857,856
Loss (gain) on financial assets at fair value through profit or loss, net	(142,475)	76,891
Gain on financial assets at fair value through other comprehensive income, net	(4,798)	(2,809)
Loss (gain) on financial assets at amortized cost, net	246	(284)
Loss on financial liabilities designated at fair value through profit or loss	9,340	2,928
Contribution to provision for credit loss	868,112	548,471
Loss (gain) on foreign currency translation	(3,673)	575
Loss (gain) on valuation of derivatives, net	(17,056)	56,816
Depreciation	115,086	107,551
Amortization	90,296	79,911
Post-employment benefits	40,056	60,484
Other operating expenses, net	408,666	224,609
Share of profit of associates	(54,170)	(1,053)
Loss on property and equipment, and intangible assets	1,844	961
Other non-operating expenses, net	(9,844)	39,765
Income tax expense	196,655	292,052
	(1,407,169)	(1,434,238)
Changes in operating assets and liabilities:		
Decrease (increase) in due from banks	(70,409)	84,254
Decrease (increase) in financial assets at fair value through profit or loss	(2,222,354)	905,996
Increase in loans and receivables	(5,155,574)	(7,922,342)
Increase in derivative assets and liabilities	(20,533)	(31,825)
Increase in other assets	(691,449)	(388,632)
Increase in deposit liabilities	5,252,176	8,180,995
Increase in financial liabilities at fair value through profit or loss	237,927	528,226
Decrease in provisions	(17,463)	(2,790)
Increase in other liabilities	395,231	3,396
Decrease in defined benefit obligation	(25,161)	(167,459)
Decrease (increase) in plan assets	(12,948)	39,035
	(2,330,557)	1,228,854
Interest received	6,488,867	4,705,868
Dividend received	38,451	16,377
Interest paid	(3,168,171)	(1,444,000)
Income tax paid	(306,128)	(296,769)
Net cash flows provided by (used in) operating activities	(5,802)	3,609,242

(Continued)

# BNK Financial Group Inc. and its subsidiaries

# Consolidated statements of cash flows

for each of the two years in the period ended December 31, 2023, continued

(In millions of Korean won)	2023	2022
Cash flows from investing activities		
Proceeds from disposal of financial assets at fair value through profit or loss	5,720,324	4,720,537
Payments for financial assets at fair value through profit or loss	(5,653,644)	(4,997,030)
Proceeds from disposal of financial assets at fair value through other comprehensive income	2,016,503	553,468
Payments for financial assets at fair value through other comprehensive income	(3,902,905)	(652,674)
Proceeds from disposal of financial assets at amortized cost	1,432,382	2,062,373
Payments for financial assets at amortized cost	(1,372,245)	(2,528,943)
Proceeds from disposal of investments in associates	835,171	618,042
Payments for investments in associates	(1,231,598)	(628,976)
Proceeds from disposal of property and equipment	5,152	8,856
Payments for property and equipment	(115,183)	(96,534)
Proceeds from disposal of intangible assets	37	292
Payments for intangible assets	(66,542)	(79,519)
Payments for investment properties	(1,809)	(1,462)
Decrease (increase) in leasehold deposits provided	(4,261)	5,931
Net cash flows used in investing activities	(2,338,618)	(1,015,639)
Cash flows from financing activities		
Increase in borrowings	33,858,615	23,173,155
Decrease in borrowings	(32,801,670)	(23,293,530)
Issuance of debentures	6,974,147	3,894,843
Repayment of debentures	(6,160,858)	(5,202,212)
Payments of lease liabilities	(31,838)	(31,817)
Dividends paid to shareholders	(234,979)	(181,682)
Issuance of hybrid equity securities	149,488	-
Repayment of hybrid equity securities	(250,000)	
Dividends paid on hybrid equity securities	(25,678)	(30,187)
Acquisition of treasury stocks	(16,000)	-
Cost of treasury stock retirement	(1)	-
Increase (decrease) in non-controlling interest	(500,000)	49,034
Dividends paid to non-controlling interest	(39,125)	(48,171)
Increase (decrease) in other liabilities	493,502	22,504
Net cash flows provided by (used in) financing activities	1,415,603	(1,648,063)
Net increase (decrease) in cash and cash equivalents	(928,817)	945,540
Cash and cash equivalents at the beginning of the year	(928,817) 5,894,732	4,947,248
Effects of exchange rate changes on cash and cash equivalents	4,545	4,947,248
Cash and cash equivalents at the end of the year		₩ 5,894,732

The accompanying notes are an integral part of the consolidated financial statements.

# 1. GENERAL INFORMATION:

General information of BNK Financial Group Inc. ("BNK Financial Group" or the "Parent Company"), which is a controlling entity in accordance with KIFRS 1110 *Consolidated Financial Statements* and its subsidiaries (collectively, the "Group"), is as follows:

# 1.1 BNK Financial Group

BNK Financial Group was incorporated on March 15, 2011, in accordance with the provisions of the Financial Holding Companies Act, whereby holders of the ordinary share of Busan Bank; BNK Securities Co., Ltd.; BNK Capital Co., Ltd.; and BNK Credit Information Co., Ltd. transferred all of their shares to the Parent Company, and in return received shares of the Parent Company's ordinary share in order to control, manage and provide financial support to subsidiaries engaged in financial business or financial industry-related subsidiaries. Meanwhile, BNK Financial Group established BNK Information System Co., Ltd. and BNK Savings Bank Co., Ltd. as its subsidiaries with 100% investment in 2011. The Parent Company obtained control of Kyongnam Bank by acquiring 56.97% of its shares in October 2014 and ultimately acquired 100% of shares of Kyongnam Bank through the comprehensive exchange of shares on June 4, 2015. In July 2015, the Parent Company also obtained 51.01% of shares in BNK Asset Management Co., Ltd. and established it as its subsidiary through a paid-in capital increase and acquisition of ownership. In December 2017, the Parent Company took over the rest of BNK Asset Management Co., Ltd.'s shares; accordingly, it became a wholly owned subsidiary. In November 2019, the Parent Company also obtained 100% of shares in BNK Venture Capital Co., Ltd. and established it as a wholly owned subsidiary. The headquarters of BNK Financial Group is located at Busan Nam-gu Munhyeongeumyu-ro, 30. Meanwhile, the Parent Company's share capital as of December 31, 2023, amounts to ₩1,629,676 million with 322,088,438 outstanding shares.

#### **1.2 Consolidated Subsidiaries**

Details of the consolidated subsidiaries as of December 31, 2023 and 2022 are as follows:

			Closing	Ownership interests (%)	
Name of subsidiary	Industry	Location	month	2023	2022
BNK Financial Group:					
Busan Bank Co., Ltd.	Banking	Korea	December 31	100.00	100.00
Kyongnam Bank Co., Ltd.	Banking	Korea	December 31	100.00	100.00
BNK Capital Co., Ltd.	Specialized credit financial business Investment	Korea	December 31	100.00	100.00
BNK Securities Co., Ltd.	brokerage and trading	Korea	December 31	100.00	100.00
BNK Savings Bank Co., Ltd.	Saving bank services	Korea	December 31	100.00	100.00
BNK Asset Management Co., Ltd.	Financial advisory and collective investment	Korea	December 31	100.00	100.00
BNK Credit Information Co., Ltd.	Credit investigation and collection agency	Korea	December 31	100.00	100.00
BNK System Co., Ltd.	System software developing and supply	Korea	December 31	100.00	100.00
BNK Venture Capital Co., Ltd.	Start-up venture capital advisory	Korea	December 31	100.00	100.00
BNK Capital Co., Ltd.:					
BNKC (Cambodia) MFI PLC	Specialized credit financial business	Cambodia	December 31	100.00	100.00
BNK Capital Myanmar Co., Ltd. <sup>1</sup>	Specialized credit financial business	Myanmar	March 31	99.99	99.99
BNK Capital Lao Leasing Co., Ltd. <sup>1</sup>	Leases	Laos	December 31	96.71	96.71
MFO BNK Finance Kazakhstan LLP	Specialized credit financial business	Kazakhstan	December 31	100.00	100.00
BNK Capital Lao NDTMFI Co., Ltd. <sup>1</sup>	Specialized credit financial business	Laos	December 31	99.99	99.99
MCC BNK Finance LLC	Specialized credit financial business	Kyrgyzstan	December 31	100.00	100.00

<sup>1</sup> The remaining shares of the subsidiary are also held by the Group.

#### **1.3 Consolidated structured entities**

Consolidated structured entities are as follows:

Category	Consolidated structured entities	Description
Trust	Busan Bank (unspecified money trust) and 18 others	As a money trust in accordance with the Financial Investment Services and Capital Markets Act, the Group owns less than 50% ownership of the trust. However, the Group is considered to have control over the trust because the Group is exposed to variable returns from its involvement with the trust and has the ability to affect those returns through its power to direct the activities of the trust.
Investment Fund	BNK Luxembourg private equity and 31 others	As a structured company for the purpose of marketable securities investment, the Group is considered to have control over the entity because the Group has a substantive power and is exposed to variable returns from its involvement with the entity and has the ability to affect those returns through its power to direct the activities of the entity.
Asset-Backed Securitization	BNK Jeju Global Co., Ltd. and 54 others	As a structured company for asset securitization, the Group does not own ownership of the company. However, the Group is considered to have control over the entity because the Group has substantive power and is exposed to variable returns from involvement and has the ability to affect those returns through its power.

#### **1.4 Summarized Financial Information**

Summarized financial information for consolidated subsidiaries as of December 31, 2023 and 2022 and for each of the two years in the period ended December 31, 2023 is as follows:

(In millions of Korean won)				2023			
Name of subsidiary	Assets	Liabilities	Equity	Operating income	Operating profit	Profit for the year	Total comprehensive income
Busan Bank Co., Ltd. and its Subsidiaries Kyongnam Bank Co., Ltd.	₩77,271,486	₩71,622,886	₩5,648,600	₩4,716,914	₩ 434,711	₩ 379,120	₩ 443,216
and its Subsidiaries BNK Capital Co., Ltd. and	50,933,014	47,470,883	3,462,131	2,578,968	293,181	257,124	304,344
its Subsidiaries BNK Securities Co., Ltd.	8,972,818	7,663,670	1,309,148	1,241,374	154,454	111,836	109,903
and its Subsidiaries	5,807,547	4,620,653	1,186,894	939,380	23,644	12,365	24,355
BNK Savings Bank Co., Ltd.	1,785,620	1,546,750	238,870	139,762	215	3,133	3,133
BNK Asset Management Co., Ltd. and its							
Subsidiaries	211,719	46,015	165,704	45,485	7,427	6,858	6,858
BNK Venture Capital Co., Ltd. BNK Credit Information Co.,	56,539	1,761	54,778	9,804	4,443	1,570	1,570
Ltd.	28,818	2,554	26,264	13,113	4,078	3,170	3,170
BNK System Co., Ltd.	41,507	14,058	27,449	103,546	5,111	4,046	4,046

(In millions of Korean won)				2022			
Name of subsidiary	Assets	Liabilities	Equity	Operating income	Operating profit(loss)	Profit(loss) for the year	Total comprehensive income(loss)
Busan Bank Co., Ltd. and its Subsidiaries Kyongnam Bank Co., Ltd.	₩73,236,530	₩67,566,260	₩5,670,270	₩3,510,822	₩601,227	₩455,792	₩433,558
and its Subsidiaries BNK Capital Co., Ltd. and	48,857,968	45,232,933	3,625,035	1,918,241	368,797	253,854	234,796
its Subsidiaries BNK Securities Co., Ltd.	8,605,180	7,405,935	1,199,245	1,128,656	230,451	171,048	168,383
and its Subsidiaries	3,914,295	2,849,953	1,064,342	885,123	79,079	57,320	58,862
BNK Savings Bank Co., Ltd. BNK Asset Management	1,704,240	1,468,504	235,736	100,863	(6,112)	(3,771)	(3,771)
Co., Ltd. and its Subsidiaries BNK Venture Capital Co.,	208,133	49,287	158,846	27,415	(17,455)	(13,766)	(13,766)
Ltd. BNK Credit Information Co.,	54,614	1,367	53,247	6,597	1,366	1,057	1,057
Ltd.	25,477	2,382	23,095	11,532	3,264	2,449	2,449
BNK System Co., Ltd.	32,386	8,982	23,404	92,527	4,594	3,064	3,064

#### 1.5 Changes in Scope for Consolidation

None of key subsidiary has newly included in the scope of consolidation for financial reporting purposes for the year ended December 31, 2023.

However, subsidiaries that do not perform in-substance business activities, such as trusts, beneficiary certificates, securitization companies, unions, and private equity investment companies, are not considered as key subsidiaries.

Details of key subsidiary newly included in the scope of consolidation for the year ended December 31, 2022 are as follows:

# Subsidiary

Purpose

MCC BNK Finance LLC

New investment

However, subsidiaries that do not perform in-substance business activities, such as trusts, beneficiary certificates, securitization companies, unions, and private equity investment companies, are not considered as key subsidiaries.

# 1.6 Risks and Financial Support for Structured Entities in the Scope of Consolidation

Structured entities in the scope of consolidation are established for securitizing assets such as non-performing loan (NPL) receivables or investing in beneficiary securities like real estate. The Group engages with structured entities in its consolidation scope by acquiring subordinated bonds issued by them or providing agreements to acquire asset-backed commercial papers (ABCPs) or bonds issued by them, thereby being exposed to the risk of failure to recover the amount of investments (or, acquisition compensation) depending on the investment performance.

Details and purpose of contractual agreements through which the Group provides financial support to key structured entities in the consolidation scope are as follows.

Company Name	Contractual details	Purpose
BNK Osan First Co., Ltd.	The Group provided an agreement to acquire bonds issued by BNK Osan First Co., Ltd. for 30.5 billion Korean won.	Granting of credit
BEM Securitization Specialty 1st CO.,LTD.	The Group provided an agreement to acquire bonds issued by BEM Securitization Specialty 1st CO.,LTD. for 100 billion Korean won. The Group provided an agreement to acquire	Granting of credit
BNK Jeju First Co., Ltd.	bonds issued by BNK Jeju First Co., Ltd. for 19.6 billion Korean won.	Granting of credit
BNK Hangdong Co., Ltd.	The Group provided an agreement to acquire bonds issued by BNK Hangdong Co., Ltd. for 5.1 billion Korean won. The Group provided an agreement to acquire	Granting of credit
BNK Nongsung Co., Ltd.	bonds issued by BNK Nongsung Co., Ltd. for 13.8 billion Korean won. The Group provided an agreement to acquire	Granting of credit
Roy K Sejong Co., Ltd.	bonds issued by Roy K. Sejong Corporation for 2 billion Korean won.	Granting of credit
BNK Jeju Global Co.,	The Group provided an agreement to acquire	Granting of credit

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Ltd.	bonds issued by BNK Jeju Global Co., Ltd. for 13 billion Korean won.	
HK Yangdong First Co., Ltd.	The Group provided an agreement to acquire bonds issued by HK Yangdong No. 1 Co., Ltd. for 15 billion Korean won.	Granting of credit
High End House No. 1 Co., Ltd.	The Group provided an agreement to acquire bonds issued by High End House No. 1 Co., Ltd. for 22 billion Korean won.	Granting of credit
YJLF Seocho Co., Ltd.	The Group provided an agreement to acquire bonds issued by YJLF Seocho Co., Ltd. for 5 billion Korean won.	Granting of credit
BNK Geumnam B Co., Ltd.	The Group provided an agreement to acquire bonds issued by BNK Geumnam B for 15 billion Korean won.	Granting of credit
BNK Geumnam C Co., Ltd.	The Group provided an agreement to acquire bonds issued by BNK Geumnam C for 20 billion Korean won.	Granting of credit
Summer Rally No. 1 Co., Ltd.	The Group provided an agreement to acquire bonds issued by Summer Rally No. 1 Co., Ltd. for 30 billion Korean won.	Granting of credit
Double S Dongin The 2nd Co., Ltd.	The Group provided an agreement to acquire bonds issued by Double S Dongin The 2nd Co., Ltd. for 14 billion Korean won.	Granting of credit
Roy K Soon Chun No. 2 Co., Ltd.	The Group provided an agreement to acquire bonds issued by Roy K Soon Chun No. 2 Co., Ltd. for 8 billion Korean won.	Granting of credit
TW Seocho No. 3 Co., Ltd.	The Group provided an agreement to acquire bonds issued by TW Seocho No. 3 Co., Ltd. for 20 billion Korean won.	Granting of credit
BKW No. 1 Co., Ltd.	The Group provided an agreement to acquire bonds issued by BKW No. 1 Co., Ltd. for 10 billion Korean won.	Granting of credit
KW Blue No. 1 Co., Ltd.	The Group provided an agreement to acquire bonds issued by KW Blue No. 1 Co., Ltd. for 14 billion Korean won.	Granting of credit
Consus Hwado Co., Ltd.	The Group provided an agreement to acquire bonds issued by Cornsus Hwado Co., Ltd. for 10 billion Korean won.	Granting of credit
BBM Liquidation No. 1 Co., Ltd.	The Group provided an agreement to acquire bonds issued by BBM Liquidation No. 1 Co., Ltd. for 20.2 billion Korean won.	Granting of credit
Silver Star No. 2 Co., Ltd.	The Group provided an agreement to acquire bonds issued by Silver Star No. 2 Co., Ltd. for 5 billion Korean won.	Granting of credit
Silver Star No. 3 Co., Ltd.	The Group provided an agreement to acquire bonds issued by Silver Star No. 3 Co., Ltd. for 3 billion Korean won.	Granting of credit
Portra No. 1 Co., Ltd.	The Group provided an agreement to acquire bonds issued by Portra No. 1 Co., Ltd. for 5 billion Korean won.	Granting of credit
TW Kwangcheon No. 3 Co., Ltd.	The Group provided an agreement to acquire bonds issued by TW Kwangcheon No. 3 Co., Ltd. for 15 billion Korean won.	Granting of credit
PT Gold No. 1 Co., Ltd.	The Group provided an agreement to acquire bonds issued by PT Gold No. 1 Co., Ltd. for 30 billion Korean won.	Granting of credit
Roy K Sanjeong Co., Ltd.	The Group provided an agreement to acquire bonds issued by Roy K. Sanjeong Co., Ltd.	Granting of credit

# BNK Financial Group INC. and its subsidiaries Notes to the consolidated financial statements December 31, 2023 and 2022

	for 15 billion Korean won.	
Imachi Brothers No. 4 Co., Ltd.	The Group provided an agreement to acquire bonds issued by Imachi Brothers No. 4 Co., Ltd. for 9.8 billion Korean won.	Granting of credit
Victory Cheongdang No. 1 Co., Ltd.	The Group provided an agreement to acquire bonds issued by Victory Cheongdang No. 1 Co., Ltd. for 2.7 billion Korean won.	Granting of credit
Gimhae Stone No. 1 Co., Ltd.	The Group provided an agreement to acquire bonds issued by Gimhae Stone No. 1 Co., Ltd. for 30 billion Korean won.	Granting of credit
Roy K Bundang Co., Ltd.	The Group provided an agreement to acquire bonds issued by Roy K Bundang Co., Ltd. for 2.7 billion Korean won.	Granting of credit
Smart Pyeongtaek Seokjeong No. 3 Co., Ltd.	The Group provided an agreement to acquire bonds issued by Smart Pyeongtaek Seokjeong No. 3 Co., Ltd. for 10 billion Korean won.	Granting of credit
Kyongnam Bank Principal and Interest Preservation Trust	The Group provided an agreement for principal and interest protection to the consolidated trust. This principal protection agreement requires the Group to cover any shortfall if the agreed principal or interest in the trust product's operation results is insufficient.	Credit enhancement for cash management of trust accounts
Kyongnam Bank Principal Preservation Trust	The Group provided an agreement for principal and interest protection to the consolidated trust. This principal protection agreement requires the Group to cover any shortfall if the agreed principal or interest in the trust product's operation results is insufficient.	Credit enhancement for cash management of trust accounts
Sandcastle No. 1 Co., Ltd.	The Group provided an agreement to acquire bonds issued by Sandcastle No. 1 Co., Ltd. for 17.742 billion Korean won.	Granting of credit
Ash-blue No. 1	The Group provided an agreement to acquire bonds issued by Ash-blue No. 1 for 20.1 billion Korean won.	Granting of credit
SL No. 2 Co., Ltd.	The Group provided an agreement to acquire bonds issued by SL No. 2 Co., Ltd. for 40 billion Korean won.	Granting of credit
SL No. 1 Co., Ltd.	The Group provided an agreement to acquire bonds issued by SL No. 1 Co., Ltd. for 16.5 billion Korean won.	Granting of credit
SL No. 4 Co., Ltd.	The Group provided an agreement to acquire bonds issued by SL No. 4 Co., Ltd. for 30 billion Korean won.	Granting of credit
Westwood No. 1 Co., Ltd.	The Group provided an agreement to acquire bonds issued by Westwood No. 1 Co., Ltd. for 44.4 billion Korean won.	Granting of credit
Crane the Ocean No. 1 Co., Ltd.	The Group provided an agreement to acquire bonds issued by Crane the Ocean No. 1 Co., Ltd. for 11.5 billion Korean won.	Granting of credit
SL No. 3 Co., Ltd.	The Group provided an agreement to acquire bonds issued by SL No. 3 Co., Ltd. for 40 billion Korean won.	Granting of credit

# 2. MATERIAL ACCOUNTING POLICIES:

The material accounting policies applied in the preparation of these consolidated financial statements are set out below. These policies have been consistently applied to all the years presented, unless otherwise stated.

# 2.1 Basis of Consolidation

The Group maintains its accounting records in Korean won and prepares statutory financial statements in the Korean language (Hangul) in accordance with International Financial Reporting Standards as adopted by the Republic of Korea ("KIFRS"). The accompanying consolidated financial statements have been condensed, restructured and translated into English from the Korean language financial statements. In the event of any differences in interpreting the financial statements or the independent auditor's report thereon, Korean version, which is used for regulatory reporting purposes, shall prevail.

Certain information attached to the Korean language financial statements, but not required for a fair presentation of the Group's financial position, financial performance or cash flows is not presented in the accompanying consolidated financial statements.

The consolidated financial statements of the Group have been prepared in accordance with KIFRS.

The preparation of consolidated financial statements requires the use of material accounting estimates. Management also needs to exercise judgement in applying the Group's accounting policies. The areas involving a higher degree of judgment or complexity or areas where assumptions and estimates are material to the consolidated financial statements are disclosed in Note 3.

As explained in the accounting policies below, the accompanying consolidated financial statements have been prepared on a historical cost basis, except for certain non-current assets and financial instruments that are measured at revalued amounts or fair value. Historical cost is generally based on the fair value of the considerations given in exchange for assets.

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date, regardless of whether that price is directly observable or estimated using another valuation technique. In estimating the fair value of an asset or a liability, the Group takes into account the characteristics of the asset or liability if market participants would take those characteristics into account when pricing the asset or liability at the measurement date. Fair value for measurement and/or disclosure purposes in these consolidated financial statements is determined on such a basis, except for share-based payment transactions that are within the scope of KIFRS 1102 *Share-Based Payment* leasing transactions that are within the scope of KIFRS 1116 *Leases* and measurements that have some similarities to fair value, but are not fair value, such as net realizable value in KIFRS 1002 *Inventories* or value in use in KIFRS 1036 *Impairment of Assets*.

The managements have, at the time of approving the consolidated financial statements, a reasonable expectation that the Group has adequate resources to continue in operational existence for the foreseeable future. Accordingly, they continue to adopt the going-concern basis of accounting in preparing the consolidated financial statements.

# 2.2 Changes in Accounting Policies and Disclosures

#### (a) New and amended standards adopted by the Group

# - KIFRS 1117 Insurance Contracts

KIFRS 1117 *Insurance Contracts* is a comprehensive new accounting standard for insurance contracts covering recognition and measurement, presentation and disclosure. KIFRS 1117 replaces KIFRS 1104 *Insurance Contracts*. KIFRS 1117 applies to all types of insurance contracts (i.e., life, non-life, direct insurance and re-insurance), regardless of the type of entities that issue them as well as to certain guarantees and financial instruments with discretionary participation features; a few scope exceptions will apply.

The overall objective of KIFRS 1117 is to provide a comprehensive accounting model for insurance contracts that is more useful and consistent for insurers, covering all relevant accounting aspects. KIFRS 1117 is based on a general model, supplemented by:

• a specific adaptation for contracts with direct participation features (the variable fee approach); and

• a simplified approach mainly for short-duration contracts (the premium allocation approach).

The new standard had no impact on the Group's consolidated financial statements.

# - Definition of Accounting Estimates - Amendments to KIFRS 1008

The amendments to KIFRS 1008 clarify the distinction between changes in accounting estimates, changes in accounting policies and the correction of errors. They also clarify how entities use measurement techniques and inputs to develop accounting estimates.

The amendments had no impact on the Group's consolidated financial statements.

- Disclosure of Accounting Policies - Amendments to KIFRS 1001 and KIFRS Practice Statement 2

The amendments to KIFRS 1001 and KIFRS Practice Statement 2 Making Materiality Judgements provide guidance and examples to help entities apply materiality judgements to accounting policy disclosures. The amendments aim to help entities provide accounting policy disclosures that are more useful by replacing the requirement for entities to disclose their 'significant' accounting policies with a requirement to disclose their 'material' accounting policies and adding guidance on how entities apply the concept of materiality in making decisions about accounting policy disclosures.

The amendments have had an impact on the Group's disclosures of accounting policies, but not on the measurement, recognition or presentation of any items in the Group's financial statements.

- Deferred Tax related to Assets and Liabilities arising from a Single Transaction – Amendments to KIFRS 1012

The amendments introduce a further exception from the initial recognition exemption. Under the amendments, an entity does not apply the initial recognition exemption for transactions that give rise to equal taxable and deductible temporary differences such as lease and provision for restoration costs.

The amendments had no impact on the Group's consolidated financial statements

- International Tax Reform—Pillar Two Model Rules – Amendments to KIFRS 1012

The amendments to KIFRS 1012 have been introduced in response to the OECD's BEPS Pillar Two Model Rules and include:

• a mandatory temporary exception to the recognition and disclosure of deferred taxes arising from the jurisdictional implementation of the Pillar Two Model Rules; and

• disclosure requirements for affected entities to help users of the financial statements better understand an entity's exposure to Pillar Two income taxes arising from that legislation, particularly before its effective date.

The mandatory temporary exception – the use of which is required to be disclosed – applies immediately. The remaining disclosure requirements apply for annual reporting periods beginning on or after January 1, 2023, but not for any interim periods ending on or before December 31, 2023.

The amendments had no impact on the Group's consolidated financial statements

(b) Standards issued but not yet effective

- Amendments to KIFRS 1116: Lease Liability in a Sale and Leaseback

The amendments to KIFRS 1116 specify the requirements that a seller-lessee uses in measuring the lease liability arising in a sale and leaseback transaction, to ensure the seller-lessee does not recognise any amount of the gain or loss that relates to the right of use it retains.

The amendments are effective for annual reporting periods beginning on or after January 1, 2024 and must applied retrospectively to sale and leaseback transactions entered into after the date of initial application of KIFRS 1116. Earlier application is permitted and that fact must be disclosed.

The amendments are not expected to have a material impact on the Group's consolidated financial statements.

- Amendments to KIFRS 1001: Classification of Liabilities as Current or Non-current

The amendments to paragraphs 69 to 76 of KIFRS 1001 specify the requirements for classifying liabilities as current or non-current. The amendments clarify:

- what is meant by a right to defer settlement;
- that a right to defer must exist at the end of the reporting period;
- that classification is unaffected by the likelihood that an entity will exercise its deferral right; and

• that only if an embedded derivative in a convertible liability is itself an equity instrument would the terms of a liability not impact its classification.

In addition, a requirement has been introduced to require disclosure when a liability arising from a loan agreement is classified as non-current and the entity's right to defer settlement is contingent on compliance with future covenants within twelve months.

The amendments are effective for annual reporting periods beginning on or after January 1, 2024 and must be applied retrospectively. The Group is currently assessing the impact the amendments will have on current practice and whether existing loan agreements may require renegotiation.

- Supplier Finance Arrangements - Amendments to KIFRS 1007 and KIFRS 1107

The amendments to KIFRS 1007 *Statement of Cash Flows* and KIFRS 1107 *Financial Instruments: Disclosures* clarify the characteristics of supplier finance arrangements and require additional disclosure of such arrangements. The disclosure requirements in the amendments are intended to assist users of financial statements in understanding the effects of supplier finance arrangements on an entity's liabilities, cash flows and exposure to liquidity risk.

The amendments will be effective for annual reporting periods beginning on or after January 1, 2024. Early adoption is permitted, but will need to be disclosed.

The amendments are not expected to have a material impact on the Group's consolidated financial statements.

- Lack of Exchangeability - Amendments to KIFRS 1021 and KIFRS 1101

The amendments to KIFRS 1021 *The Effects of Changes in Foreign Exchange Rates* and consequential amendments to KIFRS 1101 *First-time Adoption of IFRS* specify how an entity should assess whether a currency is exchangeable and how it should determine a spot exchange rate when exchangeability is lacking. The amendments require disclosure of information that enables users of financial statements to understand the risk and impact of a currency not being exchangeable.

The amendments apply to annual reporting periods beginning on or after January 1, 2025. Earlier application is permitted, in which case, an entity is required to disclose that fact.

The amendments are not expected to have a material impact on the Group's consolidated financial statements.

The Group does not expect that these amendments have a material impact on the consolidated financial statements.

# 2.3 Consolidation

The consolidated financial statements incorporate the financial statements of the Parent Company and entities (including structured entities) controlled by the Parent Company (and its subsidiaries). Control is achieved where the Group 1) has the power over the investee; 2) is exposed, or has rights, to variable returns from its involvement with the investee; and 3) has the ability to use its power to affect its returns. The Parent Company reassesses whether or not it controls an investee if facts and circumstances indicate that there are changes to one or more of the three elements of control listed above.

When the Group has less than a majority of the voting rights of an investee, it has power over the investee when the voting rights are sufficient to give it the practical ability to direct the relevant activities of the investee unilaterally. The Group considers all relevant facts and circumstances in assessing whether or not the Group's voting rights in an investee are sufficient to give it power, including:

- the size of the Group's holding of voting rights relative to the size and dispersion of holdings of the other vote holders;
- potential voting rights held by the Group, other vote holders or other parties;
- rights arising from other contractual arrangements; and
- any additional facts and circumstances that indicate that the Group has, or does not have, the current ability to direct the relevant activities at the time that decisions need to be made, including voting patterns at previous shareholders' meetings.

Income and expenses of subsidiaries acquired or disposed of during the year are included in the consolidated statements of comprehensive income from the date the Group gains control until the date when the Group ceases to control the subsidiary. Profit or loss and each component of other comprehensive income are attributed to the owners of the Group and to the non-controlling interests. Total comprehensive income of subsidiaries is attributed to the owners of the Group and to the non-controlling interests, even if this results in the non-controlling interests having a deficit balance.

When necessary, adjustments are made to the financial statements of subsidiaries to bring their accounting policies in line with the Group's accounting policies.

All intragroup transactions and related assets and liabilities, income and expenses are eliminated in full-on consolidation.

Changes in the Group's ownership interests in subsidiaries that do not result in the Group losing control over the subsidiaries are accounted for as equity transactions. The carrying amounts of the Group's interests and the non-controlling interests are adjusted to reflect the changes in their relative interests in the subsidiaries. Any difference between the amount by which the non-controlling interests are adjusted and the fair value of the consideration paid or received is recognized directly in equity and attributed to owners of the Group.

When the Parent Company loses control of a subsidiary, a gain or loss on disposal is calculated as the difference between (i) the aggregate of the fair value of the consideration received and the fair value of any retained interest and (ii) the previous carrying amount of the assets (including goodwill) and liabilities of the subsidiary and any non-controlling interests. When assets of the subsidiary are carried at revalued amounts or fair values and the related cumulative gain or loss has been recognized in other comprehensive income and accumulated in equity, the amounts previously recognized in other comprehensive income and accumulated in equity are accounted for as if the Group had directly disposed of the relevant assets (i.e., reclassified to profit or loss or transferred directly to retained earnings). The fair value of any investment retained in the former subsidiary at the date when control is lost is recognized as the fair value on initial recognition for subsequent accounting under KIFRS 1109 *Financial Instruments* or, when applicable, the cost on initial recognition of an investment in an associate or a joint venture.

# 2.4 Business Combination

Acquisitions of businesses are accounted for using the acquisition method. The consideration transferred in a business combination is measured at fair value, which is calculated as the sum of the fair values of the assets transferred by the Group, liabilities incurred by the Group to the former owners of the acquiree and the equity interests issued by the Group in exchange for control of the acquiree. Acquisition-related costs are generally recognized in profit or loss as incurred.

At the acquisition date, the identifiable assets acquired and the liabilities assumed are recognized at their fair value at the acquisition date, except that:

- deferred tax assets or liabilities and liabilities or assets related to employee benefit arrangements are recognized and measured in accordance with KIFRS 1012 *Income Taxes* and KIFRS 1019 *Employee Benefits,* respectively;
- liabilities or equity instruments related to share-based payment arrangements of the acquiree or share-based payment arrangements of the Group entered into to replace share-based payment arrangements of the acquiree are measured in accordance with KIFRS 1102 Share-Based Payment at the acquisition date; and
- assets (or disposal groups) that are classified as held for sale in accordance with KIFRS 1105 *Non-Current Assets Held for Sale and Discontinued Operations* are measured in accordance with that standard.

Goodwill is measured as the excess of the sum of a) the consideration transferred, b) the amount of any non-controlling interests in the acquiree and c) the fair value of the acquirer's previously held equity interest in the acquiree (if any), over the net of the acquisition-date amounts of the identifiable assets acquired and the liabilities assumed. If, after reassessment, the net of the acquisition-date amounts of the identifiable assets acquired and liabilities assumed exceeds the sum of a) the consideration transferred, b) the amount of any non-controlling interests in the acquiree and c) the fair value of the acquirer's previously held interest in the acquiree (if any), the excess is recognized immediately in profit or loss as a bargain purchase gain.

For each business combination, the Group elects whether to measure the non-controlling interests in the acquiree i) at fair value or ii) at the proportionate share of the acquiree's identifiable net assets, if non-controlling interest components upon the acquisition present ownership interests as-is and entitle their holders to a proportionate share of the entity's net assets in the event of liquidation. The choice of measurement basis is made on a transaction-by-transaction basis. Other types of noncontrolling interest components are measured at fair value, unless otherwise required in KIFRS.

When the consideration transferred by the Group in a business combination includes assets or liabilities resulting from a contingent consideration arrangement, the contingent consideration is measured at its acquisition-date fair value and included as part of the consideration transferred in a business combination. Changes in the fair value of the contingent consideration that qualify as measurement-period adjustments are adjusted retrospectively, with corresponding adjustments against goodwill. Measurement-period adjustments are adjustments that arise from additional information obtained during the 'measurement period' (which cannot exceed one year from the acquisition date) about facts and circumstances that existed at the acquisition date.

The subsequent accounting for changes in the fair value of the contingent consideration that do not qualify as measurement-period adjustments depends on how the contingent consideration is classified. Contingent consideration that is classified as equity is not remeasured at subsequent reporting dates and its subsequent settlement is accounted for within equity. Contingent consideration that is classified as an asset or a liability is remeasured at subsequent reporting dates in accordance with KIFRS 1109 *Financial Instruments* or KIFRS 1037 *Provisions, Contingent Liabilities and Contingent Assets*, as appropriate, with the corresponding gain or loss being recognized in profit or loss.

When a business combination is achieved in stages, the Group's previously held equity interest in the acquiree is remeasured to fair value at the acquisition date and the resulting gain or loss, if any, is recognized in profit or loss. Amounts arising from interests in the acquiree prior to the acquisition date that has previously been recognized in other comprehensive income are reclassified to profit or loss, where such treatment would be appropriate if that interest were disposed of.

If the initial accounting for a business combination is incomplete by the end of the reporting period in which the combination occurs, the Group reports provisional amounts for the items for which the accounting is incomplete. Those provisional amounts are adjusted during the measurement period (see above), or additional assets or liabilities are recognized, to reflect new information obtained about facts and circumstances that existed at the acquisition date that, if known, would have affected the amounts recognized at that date.

# 2.5 Investments in Associates and Joint Ventures

Associates are entities over which the Group has significant influence, but not control or joint control. Investments in associates are accounted for using the equity method of accounting, after initially being recognized at cost. Unrealized gains on transactions between the Group and its associates are eliminated to the extent of the Group's interest in the associates. If there is objective evidence of impairment for the investment in the associate, the Group recognizes the difference between the recoverable amount of the associate and its book amount as an impairment loss.

# 2.6 Goodwill

Goodwill resulting from an acquisition of a business is carried at cost as established at the date of acquisition of the business, less accumulated impairment losses, if any.

For the purpose of impairment testing, goodwill is allocated to each of the Group's cash-generating units ("CGUs") (or groups of CGUs) that are expected to benefit from the synergies of the combination.

A CGU to which goodwill has been allocated is tested for impairment annually, or more frequently, when there is an indication that the unit may be impaired. If the recoverable amount of the CGU is less than its carrying amount, the impairment loss is allocated first to reduce the carrying amount of any goodwill allocated to the unit and then to the other assets of the unit on a pro rata basis, based on the carrying amount of each asset in the unit. Any impairment loss for goodwill is recognized directly in profit or loss in the consolidated statements of comprehensive income. An impairment loss recognized for goodwill is not reversed in the subsequent periods.

On disposal of the relevant CGU, the attributable amount of goodwill is included in the determination of the profit or loss on disposal.

# 2.7 Foreign Currencies

The individual financial statements of each entity in the Group are presented in the currency of the primary economic environment in which the entity operates (its functional currency). For the purpose of the consolidated financial statements, the results and financial position of each entity are expressed in currency units (KRW), which is the functional currency of the Parent Company and the presentation currency for the consolidated financial statements.

In preparing the financial statements of the individual entities, transactions in currencies other than the entity's functional currency (the "foreign currencies") are recognized at the rates of exchange prevailing at the dates of the transactions. At the end of each reporting period, monetary items denominated in foreign currencies are retranslated at the rates prevailing at that date. Non-monetary items carried at fair value that are denominated in foreign currencies are retranslated at the rates prevailing at the date when the fair value was determined. Non-monetary items that are measured in terms of historical cost in a foreign currency are not retranslated.

Exchange differences are recognized in profit or loss in the period in which they arise, except for:

- exchange differences on foreign currency borrowings related to assets under construction for future productive use, which are included in the cost of those assets when they are regarded as an adjustment to interest costs on those foreign currency borrowings;
- exchange differences on transactions entered into in order to hedge certain foreign currencies; and
- exchange differences on monetary items receivable from, or payable to, a foreign operation for which settlement is neither planned nor likely to occur (therefore, forming part of the net investment in the foreign operation), which are recognized initially in other comprehensive income and reclassified from equity to profit or loss on disposal or partial disposal of the net investment.

For the purpose of presenting consolidated financial statements, the assets and liabilities of the Group's foreign operations are expressed in currency units using exchange rates prevailing at the end of the reporting period. Income and expense items are translated at the average exchange rates for that period, unless exchange rates fluctuated significantly during that period, in which case, the exchange rates at the dates of the transactions are used. Exchange differences arising, if any, are recognized in other comprehensive income and accumulated in equity (attributed to non-controlling interests, as appropriate).

#### 2.8 Cash and Cash Equivalents

Cash and cash equivalents consist of cash on hand, demand deposits and highly liquid investment assets that are readily convertible to known amounts of cash and subject to an insignificant risk of changes in value.

#### 2.9 Financial Assets

#### (a) Classification

From January 1, 2018, the Group classifies its financial assets in the following measurement categories:

- those to be measured at fair value through profit or loss ("FVTPL")
- those to be measured at fair value through other comprehensive income("FVOCI"), and
- those to be measured at amortized cost.

The classification depends on the Group's business model for managing the financial assets and the contractual terms of the cash flows.

For financial assets measured at fair value, gains and losses will either be recorded in profit or loss or other comprehensive income. For investments in debt instruments, this will depend on the business model in which the investment is held. The Group reclassifies debt investments when, and only when, its business model for managing those assets changes.

For investments in equity instruments that are not held for trading, this will depend on whether the Group has made an irrevocable election at the time of initial recognition to account for the equity investment at fair value through other comprehensive income.

# (b) Measurement

At initial recognition, the Group measures a financial asset at its fair value plus, in the case of a financial asset not at FVTPL, transaction costs that are directly attributable to the acquisition of the financial asset and the issuance of the financial liability. Transaction costs of financial assets carried at FVTPL are expensed in profit or loss.

Financial assets with embedded derivatives are considered in their entirety when determining whether their cash flows are solely payment of principal and interest.

# A. Debt instruments

Subsequent measurement of debt instruments depends on the Group's business model for managing the asset and the cash flow characteristics of the asset. The Group classifies its debt instruments into one of the following three measurement categories:

- Amortized cost: Assets that are held for collection of contractual cash flows where those cash flows represent solely payments of principal and interest are measured at amortized cost. A gain or loss on a debt investment that is subsequently measured at amortized cost and is not part of a hedging relationship is recognized in profit or loss when the asset is derecognized or impaired.
- Fair value through other comprehensive income: Assets that are held for collection of contractual cash flows and for selling the financial assets, where the assets' cash flows represent solely payments of principal and interest, are measured at fair value through other comprehensive income. Changes in the carrying amount are taken through other comprehensive income, except for the recognition of impairment loss (reversal of impairment loss), interest income and foreign exchange gains and losses that are recognized in profit or loss. When the financial asset is derecognized, the cumulative gain or loss previously recognized in other comprehensive income is reclassified from equity to profit or loss.
- FVTPL: Assets that do not meet the criteria for amortized cost or fair value through other comprehensive income are measured at FVTPL. A gain or loss on a debt investment that is subsequently measured at FVTPL and is not part of a hedging relationship is recognized in profit or loss.

# B. Equity instruments

The Group subsequently measures all equity investments at fair value. Where the Group's management has elected to present fair value gains and losses on equity investments, which are held for long-term investment or strategic purpose, in other comprehensive income, there is no subsequent reclassification of fair value gains and losses to profit or loss following the derecognition of the investment. Dividend income from such investments continues to be recognized in profit or loss when the right to receive payments is established.

Changes in the fair value of financial assets at FVTPL are recognized in profit or loss in the statements of profit or loss, as applicable. Impairment loss (reversal of impairment loss) on equity investments measured at fair value through other comprehensive income is not reported separately from other changes in fair value.

(c) Impairment

The Group assesses on a forward-looking basis the expected credit losses associated with its debt instruments carried at amortized cost and fair value through other comprehensive income. The impairment methodology applied depends on whether there has been a significant increase in credit risk.

For debt securities at fair value through other comprehensive income and financial assets measured at amortized costs, expected credit losses are measured at estimation of probability weighted present value calculated as the difference between its cash flows, which are contractually expected to receive during over the life of financial instruments and actually expected to receive a discounted at the original effective interest rate.

Lifetime expected losses will be recognized on assets for which there is a significant increase in credit risk after initial recognition. The Group recognizes 12-month expected credit losses in profit or loss where credit risk did not increase significantly.

The Group considers a financial asset to be in default if it meets one or more of the following conditions:

- if a borrower is overdue 90 days or more from the contractual payment date,
- if the Group judges that it is not possible to recover principal and interest without enforcing the collateral on a financial asset

# (d) Recognition and Derecognition

Regular-way purchases and sales of financial assets are recognized or derecognized on trade date, the date on which the Group commits to purchase or sell the asset. Financial assets are derecognized when the rights to receive cash flows from the financial assets have expired or have been transferred and the Group has transferred, substantially, all the risks and rewards of ownership. If a transfer does not result in derecognizion because the Group has retained substantially all the risks and rewards of ownership of the transferred asset, the Group continues to recognize the transferred asset in its entirety and recognize a financial liability for the consideration received.

# 2.10 Financial Liabilities and Equity Instruments

# (a) Classification as debt or equity

Debt and equity instruments issued by the Group are classified as either financial liabilities or as equity in accordance with the substance of the contractual arrangement and the definitions of financial liability and an equity instrument.

# (b) Equity instruments

An equity instrument is any contract that evidences a residual interest in the assets of an entity after deducting all of its liabilities. Equity instruments issued by the Group are recognized at the proceeds received, net of direct issue costs.

Repurchase of the Group's own equity instruments is recognized and deducted directly from equity. No gain or loss is recognized in profit or loss on the purchase, sale, issue or cancellation of the Group's own equity instruments.

#### (c) Hybrid Capital Instruments

The Group classifies issued capital instrument, or its component parts, on initial recognition as a financial liability or an equity instrument in accordance with the substance of the contractual arrangement and the definitions of a financial liability and an equity instrument. Hybrid capital instruments in which the Group has an unconditional right to avoid delivering cash or another financial asset to settle a contractual obligation are classified as equity instruments and presented in equity.

#### (d) Financial liabilities

All financial liabilities are measured subsequently at amortized cost using the effective interest method or at FVTPL. However, financial liabilities that arise when a transfer of a financial asset does not qualify for derecognition or when the continuing involvement approach applies, and financial guarantee contracts issued by the Group, are measured in accordance with the specific accounting policies set out below.

1) Financial liabilities at FVTPL

Financial liabilities are classified as of FVTPL when the financial liability is (i) contingent consideration of an acquirer in a business combination, (ii) held for trading or (iii) it is designated as of FVTPL.

A financial liability is classified as held for trading if:

- It has been acquired principally for the purpose of repurchasing in the near term.
- On initial recognition, it is part of a portfolio of identified financial instruments that the Group manages together and has a recent actual pattern of short-term profit-taking.
- It is a derivative that is not designated and effective as a hedging instrument.

A financial liability other than a financial liability held for trading or contingent consideration of an acquirer in a business combination may be designated as of FVTPL upon initial recognition if:

- Such designation eliminates or significantly reduces a measurement or recognition inconsistency that would otherwise arise.
- The financial liability forms part of a group of financial assets or financial liabilities or both, which is managed and its performance is evaluated on a fair value basis, in accordance with the Group's documented risk management or investment strategy, and information about the grouping is provided internally on that basis.
- It forms part of a contract containing one or more embedded derivatives, and KIFRS 1109 permits the entire combined contract to be designated as of FVTPL.

Financial liabilities at FVTPL are measured at fair value, with any gains or losses arising on changes in fair value recognized in profit or loss to the extent that they are not part of a designated hedging relationship (see hedge accounting policy).

However, for financial liabilities that are designated as of FVTPL, the amount of change in the fair value of the financial liability that is attributable to changes in the credit risk of that liability is recognized in other comprehensive income, unless the recognition of the effects of changes in the liability's credit risk in other comprehensive income would create or enlarge an accounting mismatch in profit or loss. The remaining amount of change in the fair value of the liability is recognized in other comprehensive attributable to a financial liability's credit risk that is recognized in other comprehensive income are not subsequently reclassified to profit or loss; instead, they are transferred to retained earnings upon derecognition of the financial liability.

2) Financial liabilities measured subsequently at amortized cost

Financial liabilities that are not (i) contingent consideration of an acquirer in a business combination, (ii) held for trading or (iii) designated as of FVTPL are measured subsequently at amortized cost using the effective interest method.

The effective interest method is a method of calculating the amortized cost of a financial liability and allocating interest expense over the relevant period. The effective interest rate is the rate that exactly discounts estimated future cash payments (including all fees and points paid or received that form an integral part of the effective interest rate, transaction costs and other premiums or discounts) through the expected life of the financial liability or, where appropriate, a shorter period, to the amortized cost of a financial liability.

# (e) Financial guarantee contracts

A financial guarantee contract is a contract that requires the issuer to make specified payments to reimburse the holder for a loss it incurs because a specified debtor fails to make payments when due in accordance with the terms of debt instruments.

Financial guarantee contracts are recognized as a financial liability at the time the guarantee is issued. The liability is initially measured at fair value, subsequently at the higher of the following:

- the amount determined in accordance with the expected credit loss model under KIFRS 1109 *Financial Instruments* and
- the amount initially recognized less, where appropriate, the cumulative amount of income recognized in accordance with KIFRS 1115 *Revenue from Contracts with Customers*

# (f) Derecognition of financial liabilities

Financial liabilities are removed from the statements of financial position when it is extinguished; for example, when the obligation specified in the contract is discharged or canceled or expired, or when the terms of an existing financial liability are substantially modified. The difference between the carrying amount of a financial liability extinguished or transferred to another party and the consideration paid (including any non-cash assets transferred or liabilities assumed) is recognized in profit or loss.

# (g) Offsetting of financial instruments

Financial assets and liabilities are offset and the net amount is reported in the consolidated statements of financial position where there is a legally enforceable right to offset the recognized amounts, and there is an intention to settle on a net basis or realize the assets and settle the liability simultaneously. The legally enforceable right must not be contingent on future events and must be enforceable in the normal course of business and, in the event of default, insolvency or bankruptcy of the Group or the counterparty.

#### 2.11 Derivative Instruments

The Group enters into a variety of derivative financial instruments to manage its exposure to interest rate and foreign exchange rate risk, including foreign exchange forward contracts, interest rate swaps ("IRSs") and cross-currency swaps.

Derivatives are initially recognized at fair value at the date the derivative contract is entered into and are subsequently remeasured to their fair value at the end of each reporting period. The resulting gain or loss is recognized in profit or loss immediately, unless the derivative is designated and effective as a hedging instrument; in such case, the timing of the recognition in profit or loss depends on the nature of the hedge relationship. The Group designates certain derivatives either as hedges of recognized assets or liabilities or firm commitments (fair value hedges), hedges of highly probable forecast transactions or hedges of foreign currency risk of firm commitments (cash flow hedges) or hedges of net investments in foreign operations (net investment hedges).

A derivative with a positive fair value is recognized as a financial asset; a derivative with a negative fair value is recognized as a financial liability. A derivative is presented as a non-current asset or a non-current liability if the remaining maturity of the instrument is more than 12 months and it is not expected to be realized or settled within 12 months. Other derivatives are presented as current assets or current liabilities.

#### (a) Embedded derivatives

Derivatives embedded in other financial instruments or other host contracts are treated as consolidated derivatives when their risks and characteristics are not closely related to those of the host contracts and the host contracts are not measured at FVTPL.

An embedded derivative is presented as a non-current asset or a non-current liability if the remaining maturity of the hybrid instrument to which the embedded derivative relates is more than 12 months and it is not expected to be realized or settled within 12 months. Other embedded derivatives are presented as current assets or current liabilities.

# (b) Hedge accounting

The Group designates certain hedging instruments, which include derivatives, embedded derivatives and non-derivatives in respect of foreign currency risk, as either fair value hedges, cash flow hedges or hedges of net investments in foreign operations. Hedges of foreign exchange risk on firm commitments are accounted for as cash flow hedges.

At the inception of the hedge relationship, the Group documents the relationship between the hedging instrument and the hedged item, along with its risk management objectives and its strategy for undertaking various hedge transactions. Furthermore, at the inception of the hedge and on an ongoing basis, the Group documents whether the hedging instrument is effective in offsetting changes in fair values or cash flows of the hedged item attributable to the hedged risk, which is when the hedging relationships meet all of the following hedge effectiveness requirements:

- There is an economic relationship between the hedged item and the hedging instrument;
- The effect of credit risk does not dominate the value changes that result from that economic relationship; and
- The hedge ratio of the hedging relationship is the same as that resulting from the quantity of the hedged item that the Group actually hedges and the quantity of the hedging instrument that the Group actually uses to hedge that quantity of a hedged item.

If a hedging relationship ceases to meet the hedge effectiveness requirement relating to the hedge ratio, but the risk management objective for that designated hedging relationship remains the same, the Group adjusts the hedge ratio of the hedging relationship so that it meets the qualifying criteria again.

The Group designates the full change in the fair value of a forward contract as the hedging instrument for all of its hedging relationships involving forward contracts.

The Group designates only the intrinsic value of the option as a hedging instrument when it used the option contract to hedge the expected transaction. In International Accounting Standard 39 (Financial Instrument: Recognition and Measurement), changes in the fair value of an option are immediately recognized in profit or loss. In IFRS 9, changes in the time value of the option associated with the hedged item in other comprehensive income and the accumulated amount of equity are reclassified to profit or loss during the period when the hedged item affects profit or loss or is removed from equity and included directly in the carrying amount of non-financial items.

The Group designates only the intrinsic value of option contracts as a hedged item, i.e., excluding the time value of the option. The changes in the fair value of the aligned time value of the option are recognized in other comprehensive income and accumulated in the cost of hedging reserve. If the hedged item is transaction related, the time value is reclassified to profit or loss when the hedged item affects profit or loss. If the hedged item is time-period related, then the amount accumulated in the cost of hedging reserve is reclassified to profit or loss on a rational basis – the Group applies straight-line amortization. Those reclassified amounts are recognized in profit or loss in the same line as the hedged item. If the hedged item is a non-financial item, then the amount accumulated in the cost of hedging reserve is removed directly from equity and included in the initial carrying amount of the recognized non-financial item. Furthermore, if the Group expects that some or all of the loss accumulated in cost of hedging reserve will not be recovered in the future, that amount is immediately reclassified to profit or loss.

#### (c) Fair value hedges

Changes in the fair value of derivatives that are designated and qualify as fair value hedges are recognized in profit or loss immediately, together with any changes in the fair value of the hedged asset or liability that are attributable to the hedged risk. The change in the fair value of the hedging instrument and the change in the hedged item attributable to the hedged risk are recognized in the line item of the consolidated statements of comprehensive income relating to the hedged item.

Hedge accounting is discontinued when the Group revokes the hedging relationship; when the hedging instrument expires or is sold, terminated or exercised; or when it no longer qualifies for hedge accounting. The fair value adjustment to the carrying amount of the hedged item arising from the hedged risk is amortized to profit or loss from that date.

# (d) Cash flow hedges

The effective portion of changes in the fair value of derivatives that are designated and qualify as cash flow hedges is recognized in other comprehensive income. The gain or loss related to the ineffective portion is recognized immediately in profit or loss, and is included in the 'other non-operating income and expenses' line item.

Amounts previously recognized in other comprehensive income and accumulated in equity are reclassified to profit or loss in the periods when the hedged item is recognized in profit or loss, in the same line of the consolidated statements of comprehensive income as the recognized hedged item. However, when the forecast transaction that is hedged results in the recognition of a non-financial asset or a non-financial liability, the gains and losses previously accumulated in equity are transferred from equity and included in the initial measurement of the cost of the non-financial asset or non-financial liability.

Hedge accounting is discontinued when the Group revokes the hedging relationship; when the hedging instrument expires or is sold, terminated or exercised; or it no longer qualifies for hedge accounting. Any gain or loss accumulated in equity at that time remains in equity and is recognized when the forecast transaction is ultimately recognized in profit or loss. When a forecast transaction is no longer expected to occur, the gain or loss accumulated in equity is recognized immediately in profit or loss.

# 2.12 Property and Equipment

Property and equipment are stated at cost, less subsequent accumulated depreciation and accumulated impairment losses. The cost of an item of property and equipment directly attributable to their purchase or construction includes any costs directly attributable to bringing the asset to the location and condition necessary for it to be capable of operating in the manner intended by management. It also includes the initial estimate of the costs of dismantling and removing the item and restoring the site on which it is located.

Subsequent costs are recognized in the carrying amount of an asset, or as an asset, if it is probable that future economic benefits associated with the assets will flow into the Group and the cost of the asset can be measured reliably. Routine maintenance and repairs are expensed as incurred.

The Group does not depreciate land. Depreciation expense is computed using the straight-line method based on the estimated useful lives of the assets as follows:

	Useful life (years)	Depreciation method
Construction	50	Straight line
Leasehold improvements	5	Straight line
Equipment and vehicles	5	Straight line

If each part of an item of property and equipment has a cost that is significant in relation to the total cost of the item, it is depreciated separately.

The Group reviews the depreciation method, the estimated useful lives and residual values of property and equipment at the end of each annual reporting period. If expectations differ from previous estimates, the changes are accounted for as a change in an accounting estimate.

An item of property and equipment is derecognized upon disposal or when no future economic benefits are expected to arise from the continued use of the asset. Any gain or loss arising on derecognition of the property (calculated as the difference between the net disposal proceeds and the carrying amount of the asset) is included in profit or loss in the period in which the property is derecognized.

#### 2.13 Investment Property

Investment property is property held to earn rentals and/or for capital appreciation (including property under construction for such purposes). Investment property is measured initially at cost, including transaction costs. Subsequent to initial recognition, investment property is measured at fair value. Gains and losses arising from changes in the fair value of investment property are included in profit or loss in the period in which they arise.

An investment property is derecognized upon disposal or when the investment property is permanently withdrawn from use and no future economic benefits are expected from the disposal. Any gain or loss arising on derecognition of the property (calculated as the difference between the net disposal proceeds and the carrying amount of the asset) is included in profit or loss in the period in which the property is derecognized.

While the land is not depreciated, all other investment property is depreciated based on the respective assets estimated useful lives ranging from 50 years using the straight-line method.

The estimated useful lives, residual values and depreciation method are reviewed at the end of each reporting period, with the effect of any changes in estimate accounted for on a prospective basis.

An investment property is derecognized upon disposal or when no future economic benefits are expected from its use or disposal. Gains or losses arising from derecognition of investment property, measured as the difference between the net disposal proceeds and the carrying amount of the asset, are recognized in net income in the period in which the asset is derecognized.

### 2.14 Leases

1-1) The Group as lessee

The Group assesses whether a contract is, or contains, a lease, at inception of the contract. The Group recognizes a right-of-use asset and a corresponding lease liability with respect to all lease arrangements in which it is the lessee, except for short-term leases (defined as leases with a lease term of 12 months or less) and leases of low-value assets (such as tablets and personal computers, small items of office furniture and telephones). For these leases, the Group recognizes the lease payments as an operating expense on a straight-line basis over the term of the lease, unless another systematic basis is more representative of the time pattern in which economic benefits from the leased assets are consumed.

The lease liability is initially measured at the present value of the lease payments that are not paid at the commencement date, discounted by using the rate implicit in the lease. If this rate cannot be readily determined, the Group uses its incremental borrowing rate.

Lease payments included in the measurement of the lease liability comprise:

- Fixed-lease payments (including in-substance fixed payments), less any lease incentives receivable
- Variable lease payments that depend on an index or rate, initially measured using the index or rate at the commencement date
- The amount expected to be payable by the lessee under residual value guarantees
- The exercise price of purchase options, if the lessee is reasonably certain to exercise the options
- Payments of penalties for terminating the lease, if the lease term reflects the exercise of an option to terminate the lease

The lease liability is presented as a consolidated line in the consolidated statements of financial position.

The lease liability is subsequently measured by increasing the carrying amount to reflect interest on the lease liability (using the effective interest method) and by reducing the carrying amount to reflect the lease payments made.

The Group remeasures the lease liability whenever:

- The lease term has changed or there is a significant event or change in circumstances resulting in a change in the assessment of exercise of a purchase option, in which case the lease liability is remeasured by discounting the revised lease payments using a revised discount rate.
- The lease payments change due to changes in an index or rate or a change in expected payment under a guaranteed residual value, in which case the lease liability is remeasured by discounting the revised lease payments using an unchanged discount rate.
- A lease contract is modified and the lease modification is not accounted for as a consolidated lease, in which case the lease liability is remeasured based on the lease term of the modified lease by discounting the revised lease payments using a revised discount rate at the effective date of the modification.

The right-of-use assets comprise the initial measurement of the corresponding lease liability; lease payments made at or before the commencement day, less any lease incentives received; and any initial direct costs. They are subsequently measured at cost, less accumulated depreciation and impairment losses.

Whenever the Group incurs an obligation for costs to dismantle and remove a leased asset, restore the site on which it is located or restore the underlying asset to the condition required by the terms and conditions of the lease, a provision is recognized and measured under KIFRS 1037. To the extent that the costs related to a right-of-use asset, the costs are included in the related right-of-use asset, unless those costs are incurred to produce inventories.

Right-of-use assets are depreciated over the shorter period of lease term and useful life of the rightof-use asset. If a lease transfers ownership of the underlying asset or the cost of the right-of-use asset reflects that the Group expects to exercise a purchase option, the related right-of-use asset is depreciated over the useful life of the underlying asset. The depreciation starts at the commencement date of the lease.

The Group applies KIFRS 1036 to determine whether a right-of-use asset is impaired and accounts for any identified impairment loss as described in the 'Impairment of Non-Financial Assets' policy (see Note 2.17).

#### 1-2) The Group as lessor

Leases for which the Group is a lessor are classified as finance or operating leases. Whenever the terms of the lease transfer substantially all the risks and rewards of ownership to the lessee, the contract is classified as a finance lease. All other leases are classified as operating leases.

When the Group is an intermediate lessor, it accounts for the head lease and the sublease as two consolidated contracts. The sublease is classified as a finance or operating lease by reference to the right-of-use asset arising from the head lease.

Rental income from operating leases is recognized on a straight-line basis over the term of the relevant lease. Initial direct costs incurred in negotiating and arranging an operating lease are added to the carrying amount of the leased asset and recognized on a straight-line basis over the lease term.

Amounts due from lessees under finance leases are recognized as receivables at the amount of the Group's net investment in the leases. Finance lease income is allocated to accounting periods so as to reflect a constant periodic rate of return on the Group's net investment outstanding in respect of the leases.

Subsequent to initial recognition, the Group regularly reviews the estimated unguaranteed residual value and applies the impairment requirements of KIFRS 1109, recognizing an allowance for expected credit losses on the lease receivables.

Finance lease income is calculated with reference to the gross carrying amount of the lease receivables, except for credit-impaired financial assets for which interest income is calculated with reference to their amortized cost (i.e., after a deduction of the loss allowance).

When a contract includes both lease and non-lease components, the Group applies KIFRS 1115 to allocate the consideration under the contract to each component.

#### 2.15 Intangible Assets

#### (a) Intangible assets acquired separately

Intangible assets with finite useful lives that are acquired separately are carried at cost, less accumulated amortization and accumulated impairment losses. Amortization is recognized on a straight-line basis over their estimated useful lives. The estimated useful life and amortization method are reviewed at the end of each reporting period, with the effect of any changes in estimate being accounted for on a prospective basis. Intangible assets with indefinite useful lives that are acquired separately are carried at cost, less accumulated impairment losses.

#### (b) Internally generated intangible assets — research and development expenditure

Expenditure on research activities is recognized as an expense in the period in which it is incurred. Expenditure arising from development (or from the development phase of an internal project) is recognized as an intangible asset if, and only if, the development project is designed to produce new or substantially improved products, and the Group can demonstrate the technical and economic feasibility and measure reliably the resources attributable to the intangible asset during its development. The amount initially recognized for internally generated intangible assets is the sum of the expenditure incurred from the date when the intangible asset first meets the recognition criteria. Where no internally generated intangible asset can be recognized, development expenditure is recognized in profit or loss in the period in which it is incurred.

Subsequent to initial recognition, internally generated intangible assets are reported at cost, less accumulated amortization and accumulated impairment losses, on the same basis as intangible assets that are acquired separately.

### (c) Intangible assets acquired in a business combination

Intangible assets that are acquired in a business combination are recognized separately from goodwill and are initially recognized at their fair value at the acquisition date (which is regarded as their cost). Subsequent to initial recognition, intangible assets acquired in a business combination are reported at cost, less accumulated amortization and accumulated impairment losses, on the same basis as intangible assets that are acquired separately.

The Group amortizes intangible assets with a limited useful life using the straight-line method over the following periods:

	Useful life (years)
Development costs Software Industrial property rights	3-5 3-5 5
Others	3-10

#### (d) Derecognition of intangible assets

An intangible asset is derecognized on disposal, or when no future economic benefits are expected from its use. Gains or losses arising from derecognition of an intangible asset, measured as the difference between the net disposal proceeds and the carrying amount of the asset, are recognized in profit or loss when the asset is derecognized.

# 2.16 Investments in Associates and Joint Ventures

An associate is an entity over which the Group has significant influence. Significant influence is the power to participate in making decisions on the financial and operating policies of the investee, but is not control or joint control over those policies.

A joint venture is a joint arrangement, whereby the parties that have joint control over the arrangement have rights to net assets relating to the arrangement. Joint control is the contractually agreed sharing of control over an arrangement that exists only when decisions about the relevant activities require the unanimous consent of the parties sharing control.

The profit for the year and the financial results of the joint ventures and associates are incorporated in these consolidated financial statements using the equity method of accounting, except when the investment is classified as held for sale, in which case, it is accounted for in accordance with KIFRS 1105 *Non-Current Assets Held for Sale and Discontinued Operations*. Under the equity method, an investment in the joint ventures and associates is initially recognized in the consolidated statements of financial position at cost and adjusted thereafter to recognize the Group's share of the net assets of the joint ventures and associates and any impairment. When the Group's share of losses in the joint ventures and associates exceeds the Group's interest in the associate, the Group discontinues recognizing its share of further losses. Additional losses are recognized only to the extent that the Group has incurred legal or constructive obligations or made payments on behalf of the joint ventures and associates.

Any excess of the cost of acquisition over the Group's share of the net fair value of the identifiable assets, liabilities and contingent liabilities of the joint ventures and associates recognized at the date of acquisition is recognized as goodwill, which is included within the carrying amount of the investment. Any excess of the Group's share of the net fair value of the identifiable assets, liabilities and contingent liabilities over the cost of acquisition is recognized immediately in profit or loss.

Upon a loss of significant influence over the joint ventures and associates, the Group discontinues the use of the equity method and measures at fair value of any investment that the Group retains in the former joint ventures and associates from the date when the Group loses significant influence. The fair value of the investment is regarded as its fair value on initial recognition, as a financial asset, in accordance with KIFRS 1109. The Group recognized differences between the carrying amount and fair value in profit or loss, and it is included in determination of the gain or loss on disposal of joint ventures and associates. The Group accounts for all amounts recognized in other comprehensive income in relation to the joint ventures and associates on the same basis as would be required if the joint ventures and associates had directly disposed of the related assets or liabilities. Therefore, if a gain or loss previously recognized in other comprehensive income by an associate would be reclassified to profit or loss on the disposal of the related assets or liabilities, the Group reclassifies the gain or loss from equity profit or loss as a reclassification adjustment.

When the Group's ownership of an interest in an associate or a joint venture decreases, but the Group continues to maintain significant influence over an associate or a joint venture, the Group reclassifies to profit or loss the proportion of the gain or loss that had previously been recognized in other comprehensive income relating to that decrease in ownership interest if the gain or loss would be reclassified to profit or loss on the disposal of the related assets or liabilities. Meanwhile, if interest in an associate or a joint venture meets the definition of non-current asset held for sale, it is accounted for in accordance with KIFRS 1105.

The requirements of KIFRS 1036 to determine whether there has been a loss event are applied to identify whether it is necessary to recognize any impairment loss with respect to the Group's investment in the associates and joint ventures. When necessary, the entire carrying amount of the investment (including goodwill) is tested for impairment in accordance with KIFRS 1036 as a single asset by comparing its recoverable amount (higher of value in use or fair value, less costs to sell) with its carrying amount. Any impairment loss recognized is not allocated to any asset (including goodwill) that forms part of the carrying amount of the investment. Any reversal of that impairment loss is recognized in accordance with KIFRS 1036 to the extent that the recoverable amount of the investment subsequently increases.

The Group continues to use the equity method when an investment in an associate becomes an investment in a joint venture or an investment in a joint venture becomes an investment in an associate. There is no remeasurement of fair value upon such changes in ownership interests.

When the Group transacts with an associate or a joint venture of the Group, profits and losses resulting from the transactions with the associate or joint venture are recognized in the Group's consolidated financial statements only to the extent of interests in the associate or joint venture that are not related to the Group.

# 2.17 Impairment of Non-Financial Assets

At the end of each reporting period, the Group reviews the carrying amounts of its tangible and intangible assets other than goodwill to determine whether there is any indication that those assets have suffered an impairment loss. If any such indication exists, the recoverable amount of the asset is estimated in order to determine the extent of the impairment loss (if any). When it is not possible to estimate the recoverable amount of an individual asset, the Group estimates the recoverable amount of the asset belongs. Where a reasonable and consistent basis of allocation can be identified, corporate assets are also allocated to individual CGUs, or otherwise, they are allocated to the smallest group of CGUs for which a reasonable and consistent allocation basis can be identified.

Intangible assets with indefinite useful lives and intangible assets not yet available for use are tested for impairment at least annually, and whenever there is an indication that the asset may be impaired.

Recoverable amount is the higher of fair value, less costs to sell or value in use. If the recoverable amount of an asset (or a CGU) is estimated to be less than its carrying amount, the carrying amount of the asset (or the CGU) is reduced to its recoverable amount and the reduced amount is recognized in profit or loss.

Where an impairment loss subsequently reverses, the carrying amount of the asset (or a CGU) is increased to the revised estimate of its recoverable amount so that the increased carrying amount does not exceed the carrying amount that would have been determined had no impairment loss been recognized for the asset (or the CGU) in prior years. A reversal of an impairment loss is recognized immediately in profit or loss.

# 2.18 Non-Current Assets Held for Sale

Non-current assets and disposal groups are classified as held for sale if their carrying amount will be recovered principally through a sale transaction rather than through continuing use. This condition is regarded as met only, when the sale is highly probable and the non-current asset (or disposal group) is available for immediate sale in its present condition. Management must be committed to the sale, which should be expected to qualify for recognition as a completed sale within one year from the date of classification.

When the Group is committed to a sale plan involving loss of control of a subsidiary, all of the assets and liabilities of that subsidiary are classified as held for sale when the criteria described above are met, regardless of whether the Group will retain a non-controlling interest in its former subsidiary after the sale.

When the Group is committed to a sale plan involving disposal of an investment, or a portion of an investment, in an associate or joint venture, the investment or the portion of the investment that will be disposed of is classified as held for sale when the criteria described above are met, and the Group discontinues the use of the equity method in relation to the portion that is classified as held for sale. Any retained portion of an investment in an associate or a joint venture that has not been classified as held for sale continues to be accounted for using the equity method. The Group discontinues the use of the equity method at the time of disposal when the disposal results in the Group losing significant influence over the associate or joint venture.

After the disposal takes place, the Group accounts for any retained interest in the associate or joint venture in accordance with KIFRS 1109 *Financial Instruments* unless the retained interest continues to be an associate or a joint venture, in which case, the Group uses the equity method.

Non-current assets (and disposal groups) classified as held for sale are measured at the lower of their previous carrying amount and fair value less costs to sell.

# 2.19 Provisions

Provisions are recognized when the Group has a present obligation (legal or constructive) as a result of a past event, it is probable that the Group will be required to settle the obligation, and a reliable estimate can be made of the amount of the obligation.

The amount recognized as a provision is the best estimate of the consideration required to settle the present obligation at the end of the reporting period, taking into account the risks and uncertainties surrounding the obligation. When a provision is measured using the cash flows estimated to settle the present obligation, its carrying amount is the present value of those cash flows (where the effect of the time value of money is material). The discount rate used is a pretax rate that reflects current market assessments of the time value of money and the risks specific to the liability. Where discounting is used, the increase in the provision due to the passage is recognized in profit or loss as borrowing cost.

When some or all of the economic benefits required to settle a provision are expected to be recovered from a third party, a receivable is recognized as an asset if it is virtually certain that reimbursement will be received and the amount of the receivable can be measured reliably.

At the end of each reporting period, the remaining provision balance is reviewed and assessed to determine if the current best estimate is being recognized. If the existence of an obligation to transfer economic benefit is no longer probable, the related provision is reversed during the period.

#### (a) Onerous contracts

Present obligations arising under onerous contracts are recognized and measured as provisions. An onerous contract is considered to exist where the Group has a contract under which the unavoidable costs of meeting the obligations under the contract exceed the economic benefits expected to be received from the contract.

#### (b) Restructurings

A restructuring provision is recognized when the Group has developed a detailed formal plan for the restructuring and has raised a valid expectation in those affected that it will carry out the restructuring by starting to implement the plan or announcing its main features to those affected by it. The measurement of a restructuring provision includes only the direct expenditures arising from the restructuring, which are those amounts that are both necessarily entailed by the restructuring and not associated with the ongoing activities of the entity.

Present obligations arising under onerous contracts are recognized and measured as provisions. An onerous contract is considered to exist where the Group has a contract under which the unavoidable costs of meeting the obligations under the contract exceed the economic benefits expected to be received from the contract. The unavoidable costs under a contract reflect the least net cost of exiting from the contract, which is the lower one between the cost of fulfilling it and any compensation or penalties arising from failure to fulfill it.

### (c) Contingent liabilities acquired in a business combination

Contingent liabilities acquired in a business combination are initially measured at fair value at the acquisition date. At the end of the subsequent reporting periods, such contingent liabilities are measured at the higher of the amount that would be recognized in accordance with KIFRS 1037 *Provisions, Contingent Liabilities and Contingent Assets* and the amount initially recognized, less, where applicable, the cumulative amount of income recognized in accordance with KIFRS 1115 *Revenue from Contracts with Customers*.

# (d) Provision for acceptances and guarantees and provision for unused commitment

Provisions on confirmed and unconfirmed acceptances and guarantees, unfunded commitments of credit cards and unused credit lines of consumer and corporate loans are recognized using valuation model that applies the credit conversion factor, default rates and loss given default.

# 2.20 Revenue and Expense Recognition

#### (a) Interest income and expense

Using the effective interest rate method, the Group recognizes interest income and expense on financial instruments at amortized cost and at fair value through other comprehensive income in the consolidated statements of comprehensive income. The amortized cost of financial assets or liabilities is calculated based on the effective interest rate method, and the interest income and expenses are allocated over the relevant period.

The effective interest rate reconciles the expected future cash in and out through the expected life of financial instruments or, if appropriate, through shorter periods and net carrying amount of financial assets or liabilities. When calculating the effective interest rate, the Group estimates future cash flows considering all contractual terms of the financial instruments, except for the loss on future credit risk. Also, the effective interest rate calculation includes redemption costs, points (if it is a part of the effective interest rate) that are paid or earned between contracting parties, transaction costs, and other premiums and discounts.

Once a financial asset or a group of similar financial assets has been written down as a result of an impairment loss, interest income is thereafter recognized using the rate of interest used to discount the future cash flows for the purpose of measuring the impairment loss.

In addition, interest income arising from debt instruments at FVTPL is classified as interest income in the consolidated statements of comprehensive income.

#### (b) Commission income

Financial service fees are recognized in accordance with the accounting standard of the financial instrument related to the fees earned as follows:

### ① Fees that are a part of the financial instruments' effective yield

Fees that are a part of the effective interest rate of a financial instrument are treated as an adjustment to the effective interest rate. Such fees include compensation for activities, such as evaluating the borrower's financial condition; evaluating and recording guarantees, collateral and other security arrangements; negotiating the terms of the instrument; preparing and processing documents; and closing the transaction, as well as origination fees received on issuing financial liabilities measured at amortized cost. These fees are deferred and recognized as an adjustment to the effective interest rate. However, in case the financial instrument is classified as a financial asset at FVTPL, the relevant fee is recognized as revenue when the instrument is initially recognized.

#### ② Commission from rendering services

Commission income from rendering services, such as asset management, trustee business and financial guarantee, is recognized as the services are provided. When it is not probable that a specific loan agreement is contracted and agreed commission is not applied to KIFRS 1109, those services will be recognized on a straight-line basis as the work is performed.

3 Commission from significant act performed

The recognition of revenue is postponed until the significant act is executed. On performing significant transactions, the earned commissions are recognized as gains and losses at the time the transactions are completed.

The commissions and sales commissions that are paid for the participation in negotiations for the third party are recognized as gains and losses at the time the transactions of the third party are completed.

The Group arranges a syndicated loan, but does not participate in the syndicate or has the same effective gains and losses as other participants; fees on syndicated loan are recognized as gains and losses when the transactions of syndicated loan are completed.

# ④ Unearned revenue from point programs (customer loyalty program)

The Group operates customer loyalty program to provide customers with incentives to buy their goods or services. If a customer buys goods or services, the entity grants the customer award credits (often described as 'points'). The customer can redeem the award credits for awards, such as free or discounted goods or services. The award credits are accounted separately as an identifiable component of the sales transaction(s) in which they are granted (the 'initial sales'). The fair value of the consideration received or receivable with respect to the initial sale shall be allocated between the award credits and the other components of the sale. If the Group supplies the awards itself, it shall recognize the consideration allocated to award credits as revenue when award credits are redeemed and it fulfills its obligation to supply awards. The amount of revenue recognized shall be based on the number of award credits that have been redeemed in exchange for awards, related to the total number expected to be redeemed.

If the third party supplies the awards, the Group shall assess whether it is collecting the consideration allocated to the award credits on its own account (as the principal in the transaction) or on behalf of the third party (as agent for the third party). The amount of revenue recognized shall be net amount retained on its own account.

# (c) Dividend income

Dividend income is recognized when the shareholders are entitled to receive dividends. According to the classification of equity securities, dividend income is indicated in the consolidated statements of comprehensive income.

# 2.21 Employee Benefits

# (a) Short-term employee benefits

Short-term employee benefits are defined as employee benefits that fall due within 12 months after the end of the reporting period in which the employees render the related service. The Group recognizes the undiscounted amount of short-term employee benefits expecting payment in exchange for the services when the employee renders services.

# (b) Other long-term employee benefits

If the Group does not pay employee benefits within 12 months from the end of the reporting period after providing services, other long-term employee benefits are discounted by present value of future benefits based on current and past terms. These benefits are also recognized as liabilities after deducting fair value of plan assets that can directly pay relevant liabilities. The liabilities are determined after discounting estimated future cash flow by using interest rate of sound finance bonds that have similar maturity with related benefits. Gains and losses arising from remeasurement are recognized as amount of total gains and losses during the period of events.

# (c) Postemployment benefit costs and termination benefits

For defined benefit plans, the cost of providing benefits is determined using the projected unit credit method, with actuarial valuations being carried out at the end of each reporting period. Remeasurement, comprising actuarial gains and losses, the effect of the changes to the asset ceiling (if applicable) and the return on plan assets (excluding interest), is reflected immediately in the consolidated statements of financial position, with a charge or credit recognized in other comprehensive income in the period in which they occur. Remeasurement recognized in other comprehensive income is reflected immediately in retained earnings and will not be reclassified to profit or loss. Past service cost is recognized in profit or loss in the period of a plan amendment. Net interest is calculated by applying the discount rate at the beginning of the period to the net defined benefit liability or asset. Defined benefit costs are composed of service cost (including current service cost, past service cost, as well as gains and losses on curtailments and settlements), net interest expense (income) and remeasurement.

The Group presents the service cost and net interest expense (income) components in profit or loss, and the remeasurement component in other comprehensive income. Curtailment gains and losses are accounted for as past service costs.

The defined benefit obligation recognized in the consolidated statements of financial position represents the actual deficit or surplus in the Group's defined benefit plans. Any surplus resulting from this calculation is limited to the present value of any economic benefits available in the form of refunds from the plans or reductions in future contributions to the plans.

A liability for a termination benefit is recognized at the earlier of when the entity can no longer withdraw the offer of the termination benefit and when the entity recognizes any related restructuring costs.

Discretionary contributions made by employees or third parties reduce service cost upon payment of these contributions to the plan. When the formal terms of the plans specify that there will be contributions from employees or third parties, the accounting depends on whether the contributions are linked to service as follows:

If the contributions are not linked to services (e.g., contributions are required to reduce a deficit arising from losses on plan assets or from actuarial losses), they are reflected in the remeasurement of the net defined benefit liability (asset).

If contributions are linked to services, they reduce service costs. For the amount of contribution that is dependent on the number of years of service, the entity reduces service cost by attributing the contributions to periods of service using the attribution method required by KIFRS 1019 paragraph 70 for the gross benefits.

#### (d) Share-based payments

#### i) Share-based payment

Equity-settled share-based payments granted to employees and others providing similar services are measured at fair value of equity instruments at grant date. Vesting conditions, other than market conditions, are not taken into account when estimating the fair value. Refer to Note 34 for details of determination of fair value of equity-settled share-based payment.

The fair value determined at the grant date of the equity-settled share-based payments is expensed on a straight-line basis over the vesting period, based on the Group's estimate of equity instruments that will eventually vest. At the end of each reporting period, the Group revises its estimate of the number of equity instruments expected to be vested as a result of a vesting condition other than a market condition. The impact of the revision of the original estimates, if any, is recognized in profit or loss such that the cumulative expense reflects the revised estimate, with a corresponding adjustment in other component of equity.

Equity-settled share-based payments granted to parties other than employees are measured at fair value of the goods or services received. However, if the fair value of goods or services received cannot be estimated reliably, the Group measures the goods or services received by reference to the fair value of the equity instruments granted, measured at the date the Group obtains the goods or the counterparty renders service.

For the cash-settled share-based payment, the Group measures the goods or services acquired and the liability incurred at the fair value of the liability. Until the liability is settled, the Group remeasures the fair value of the liability at the end of each reporting period and at the date of settlement, with any changes in fair value recognized in profit or loss for the period.

ii) Share-based payment transactions of business combination of acquiree

The Group measures replacement of a Group's share-based payment transactions (hereinafter referred to as 'replacement award') with share-based payment transactions of the acquiree (hereinafter referred to as 'acquiree's payment') in accordance with the method in KIFRS 1102 *Share-Based Payment* at the acquisition date ('market-based measure'). The portion of the replacement award is the market-based measure of the acquiree award multiplied by the ratio of the portion of the vesting period completed to the greater of the total vesting period or the original vesting period of the acquiree award. Any excess of the market-based measure of the replacement award over the market-based measure of the acquiree award is recognized as renumeration cost of post-combination service.

However, in situations in which acquiree awards would expire as a consequence of a business combination and if the acquirer replaces those awards when it is not obliged to do so, replacement awards are measured at market-based measure in accordance with KIFRS 1102. All of the market-based measures of the replacement awards are recognized as remuneration costs in the post-combination services.

If the Group does not exchange its share-based payment transactions for equity-settled share-based payment transactions held by employee of acquiree as of the acquisition date, the equity-settled share-based payment transactions are measured at their market-based measure at the acquisition date. If the acquiree's share-based payment transactions are vested, those acquiree's share-based payment transactions are part of the non-controlling interest in the acquiree. If acquiree's share-based payment transactions are unvested, the market-based measure of unvested share-based payment transactions is allocated to the non-controlling interest on the basis of the ratio of the portion of the vesting period completed to the greater of the total vesting period and the original vesting period of the share-based payment transaction. The balance is allocated to postcombination service.

### 2.22 Income Tax Expense

Income tax expense consists of current and deferred taxes.

In accordance with the Korean Corporate Tax Act, the Group and its 100%-owned domestic subsidiaries have filed a consolidated tax return. Accordingly, the Group recognizes total corporate income tax due as a current tax liability and the amounts due from subsidiaries as loans and receivables. The Group applies the consolidated taxation system, the way that the Group reports and pays income tax based on the total amount of income regarding the Group and all domestic subsidiaries on which the Group completely controls over as a single taxation unit. Deferred taxes are measured based on the future tax benefits expected to be realized in consideration of the expected combined profits or losses of eligible companies in accordance with the consolidated corporate tax system. The Group recognizes total amount of tax payables in accordance with the consolidated corporate tax system as a parent Group and recognizes receivables that will be received from subsidiaries.

# (a) Current tax

The tax currently payable is based on taxable profit for the period. Taxable profit differs from profit or loss before tax expenses as reported in the consolidated statements of comprehensive income because of items of income or expense that are taxable or deductible in other periods. The Group's liability for current tax is calculated using tax rates that have been enacted, or substantively enacted, by the end of the reporting period.

# (b) Deferred tax

Deferred tax is recognized on temporary differences between the carrying amounts of assets and liabilities in the consolidated financial statements and the corresponding tax bases used in the computation of taxable profit. Deferred tax liabilities are generally recognized for all taxable temporary differences. Deferred income tax assets are generally recognized for all deductible temporary differences to the extent it is probable that taxable profits will be available against which those deductible temporary differences can be utilized. Such deferred income tax assets and liabilities are not recognized if the taxable or deductible temporary difference arises from goodwill or from the initial recognition (other than in a business combination) of other assets and liabilities in a transaction that affects neither the taxable profit (taxable deficit) nor the accounting profit.

Deferred income tax liabilities are recognized for taxable temporary differences associated with investments in subsidiaries and associates and interests in joint ventures, except where the Group is able to control the reversal of the temporary difference, and it is probable that the temporary difference will not reverse in the foreseeable future. Deferred income tax assets arising from deductible temporary differences associated with such investments and interests are only recognized to the extent it is probable that there will be sufficient taxable profits against which to utilize the benefits of the temporary differences and they are expected to reverse in the foreseeable future.

The carrying amount of deferred income tax assets is reviewed at the end of each reporting period and reduced to the extent that it is no longer probable that sufficient taxable profits will be available to allow all or part of the asset to be recovered.

Deferred income tax assets and liabilities are measured at the tax rates that are expected to apply in the period in which the liability is settled or the asset realized, based on tax rates (and tax laws) that have been enacted, or substantively enacted, by the end of the reporting period. The measurement of deferred tax liabilities and assets reflects the tax consequences that would follow from the manner in which the Group expects, at the end of the reporting period, to recover or settle the carrying amount of its assets and liabilities.

The Group shall offset deferred tax assets and deferred tax liabilities if, and only if, the Group has a legally enforceable right to set off current tax assets against current tax liabilities, and the deferred tax assets and the deferred tax liabilities relate to income taxes levied by the same taxation authority on either the same taxable entity or different taxable entities that intend either to settle current tax liabilities and assets on a net basis, or to realize the assets and settle the liabilities simultaneously, in each future period in which significant amounts of deferred tax liabilities or assets are expected to be settled or recovered.

If a deferred tax liability or asset arises from an investment property that is measured using the fair value model in KIFRS 1040 *Investment Property* there is a rebuttable presumption that the carrying amount of the investment property will be recovered through sale. Accordingly, unless the presumption is rebutted, the measurement of the deferred tax liability or deferred tax asset shall reflect the tax consequences of recovering the carrying amount of the investment property entirely through sale. This presumption is rebutted if the investment property is depreciable and is held within a business model, whose objective is to consume substantially all of the economic benefits embodied in the investment property over time, rather than through sale.

#### (c) Current and deferred taxes for the year

Current and deferred taxes are recognized in profit or loss, except when they relate to items that are recognized in other comprehensive income or directly in equity, in which case the current and deferred taxes are also recognized in other comprehensive income or directly in equity. Where current tax or deferred tax arises from the initial accounting for a business combination, the tax effect is included in the accounting for the business combination.

# 2.23 Accounting for Trust Accounts

In accordance with the Financial Investment Services and Capital Market Act, the Group establishes savings accounts under trust agreements ("trust account") separately from its bank accounts and administers the funds for the benefit of one or more beneficiaries. Funds transferred between a bank account and trust account are recognized as due to/from trust accounts. The fees and commissions received from trust accounts are recognized when the Group provides services to the trust accounts.

With respect to certain trust account products, the Group guarantees the repayment of the principal of the trust accounts and, in certain cases, a fixed rate of return. If income from such trust accounts is insufficient to pay the guaranteed amount, such deficiency is satisfied by using special reserves maintained in the trust accounts, offsetting trust fees payable to the Group accounts and receiving compensating contributions from the Group accounts of the Group. If the Group pays compensating contributions to the trusts with the guaranteed return to cover such deficiencies, these contributions are reflected as operating expenses of the Group accounts and as other income of the trust accounts.

# 2.24 Fair Value

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date, regardless of whether that price is directly observable or estimated using another valuation technique. In estimating the fair value of an asset or a liability, the Group takes into account the characteristics of the asset or liability if market participants would take those characteristics into account when pricing the asset or liability at the measurement date. Fair value for measurement and/or disclosure purposes in these consolidated financial statements is determined on such a basis, except for share-based payment transactions that are within the scope of KIFRS 1102 *Share-Based Payment* leasing transactions that are within the scope of KIFRS 1017 *Leases* and measurements that have some similarities to fair value, but are not fair value, such as net realizable value in KIFRS 1002 *Inventories* or value in use in KIFRS 1036 *Impairment of Assets*.

In addition, for financial reporting purposes, fair value measurements are categorized into Levels 1, 2 and 3 based on the degree to which the inputs to the fair value measurements are observable and the significance of the inputs to the fair value measurement in its entirety, which are described as follows:

- Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities that the entity can access at the measurement date;
- Level 2 inputs are inputs, other than quoted prices included within Level 1, that are observable for the asset or liability, either directly or indirectly; and
- Level 3 inputs are unobservable inputs for the asset or liability.

#### 2.25 Operating Segments

The Group makes a decision about resources to be allocated within segments and divides segments based on internal reports for management to evaluate performances regularly. Each segment consists of the Group's own strategic business units. The segments provide their products and services, and they are separately operated by their business units due to the difference between technical and marketing strategies.

# 2.26 Reform of Interest Rate Index

In relation to the reform of interest rate index, the amendments provide exceptions, including adjusting effective interest rates instead of book amounts when interest rate index of financial instruments at amortized costs is replaced, and applying hedge accounting without discontinuance, although the interest rate index is replaced in hedging relationship.

As of December 31, 2023, the conversion to a replaced interest rate benchmark has been completed for currencies other than USD, and the ISDA protocol was adopted for derivatives.

The financial instruments that have not been converted to replaced interest rate benchmark among the London Inter-Bank Offered Rate ("LIBOR") interest rates as of December 31, 2022, are as follows:

Non-derivatives financial instruments are in book value, while the derivatives and commitments and guarantee contracts are in nominal amounts.

(In millions of Korean won)		2023
Non-derivative financial liabilities		
Financial liabilities at amortized costs	₩	74,785

# 2.27 Correction of Errors

The Group corrects any potential errors from the consolidated financial statements for current period before the date of approval for the issuance of financial statements if such errors are discovered during the current period. However, if material errors are discovered in subsequent periods, such errors are corrected by restating the comparative information presented in the financial statements for that subsequent period. When it is impracticable to determine the period-specific effects of an error on comparative information for one or more prior periods presented, the Group restates the beginning balances of assets, liabilities and equity for the earliest period for which retrospective restatement is practicable.

#### 2.28 Approval of Issuance of the Consolidated Financial Statements

The consolidated financial statements for the year ended December 31, 2023 of the Group were approved for issuance by the Board of Directors on February 26, 2024, and are planned to be approved finally at shareholders' meeting on March 22, 2024.

# 3. MATERIAL ACCOUNTING ESTIMATES AND ASSUMPTIONS:

The preparation of consolidated financial statements requires the Group to make estimates and assumptions concerning the future. Management also needs to exercise judgement in applying the Group's accounting policies. Estimates and assumptions are continually evaluated and are based on historical experience and other factors, including expectations of future events that are believed to be reasonable under the circumstances. As the resulting accounting estimates will, by definition, seldom equal the related actual results, it can contain a significant risk of causing a material adjustment.

# (a) Fair value of financial instruments

As described in Note 6, the Group uses valuation techniques that include inputs that are not based on observable market data to estimate the fair value of certain types of financial instruments. Note 6 provides detailed information about key assumptions used in the determination of the fair value of financial instruments as well as the detailed sensitivity analysis for these assumptions. The directors believe that the chosen valuation techniques and assumptions used are appropriate in determining the fair value of financial instruments.

# (b) Expected credit losses for financial instruments

The Group measures expected credit losses for debt securities at fair value through other comprehensive income, financial assets at amortized cost, acceptances and guarantees and loan commitments and other comprehensive income and debt securities measured at fair value. For debt securities at fair value through other comprehensive income are recognized as accumulated other comprehensive income, financial assets at amortized cost are recognized for allowance for losses, and provisions are recognized for confirmed acceptances and guarantees and loan commitments. The accuracy of allowance for losses on credit is determined by assumptions and variables, used in the model to estimate expected cash flows by individual borrowers for individual assessment and estimation of allowance for losses on credit by collective method and guarantees/unused credit limit liabilities.

The Group measures the expected credit losses using forward-looking information. The Group assumes that the risk component is correlated with changes in market conditions and uses statistical methods to estimate the relationship between modeling macroeconomic variables, expected credit loss and risk components.

The Group derived correlations between the long-term data over the past 10 years, major macroeconomic variables and then reflected future forecast information through regression estimation. The major macroeconomic variables identified by the Group are GDP growth rate, interest rate spread (National Treasury Bond-CD, Distribution Yield), producer price index, Busan and Gyeongnam default rate of bills, composite stock price index, unemployment rate, consumer price index, Busan apartment sales index, etc.

# 3. MATERIAL ACCOUNTING ESTIMATES AND ASSUMPTIONS: (cont'd)

Forward looking information used to measure expected credit losses is calculated by comprehensively reviewing the possibility of occurrence of each scenario of the economic outlook based on forecasts from the government and public institutions such as the Bank of Korea and the Korea Development Institute.

Meanwhile, the increase in uncertainties, due to rise in interest rates, and, inflation, etc. could potentially affect the Group's expected credit losses for certain portfolios. Due to these uncertainties, important accounting estimates and assumptions used in the preparation of financial statements may change. The Group is continuously monitoring the key market indicators, delinquency rates and liquidity ratios.

In order to reflect the potential default risk of this increase in uncertainty, some of the borrowers from industries that are highly influenced and borrowers who are deferred in payment of interest and deferred in repayment in installments were classified as borrowers with a significant increase in credit risk, and additional credit loss allowance was recognized. The exposure and credit loss allowance of those borrowers as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)		2023		2022			
Exposure	₩	11,376,582	₩	5,493,823			
Credit loss allowance		432,856		279,322			

# 4. FINANCIAL RISK MANAGEMENT:

#### 4.1 General

### (a) General risk management policy

The Group is exposed to various financial risks, such as credit, liquidity, market and operational, associated with financial instruments. There has not been a significant change in the Group's purpose of financial risk management and risk management policy since December 31, 2023.

# 4.2 Credit Risk

#### (a) General

The credit risk is the risk of financial loss to the Group if a customer or counterparty to a financial instrument fails to meet its contractual obligations and arises primarily from the Group's loan, card assets and securities. The Group considers all the elements of individual borrower's credit risk exposure, including default and breach.

# (b) Risk management framework

The Group assesses its required expected loss and economic capital by managing all credit exposures on or off-balance sheet.

The Group establishes and manages total exposure limits for borrowers and industries in order to optimize the use of credit availability and avoid excessive risk concentration.

The credit management division and management planning division manage the credit risk by integrating and establishing credit policy, monitoring loan portfolios and restructuring the loans independently from the marketing division. The risk management division conducts the measurement of the economic capital, total exposure management, credit evaluation and approval and reviews the credit evaluation model.

#### (c) Maximum exposure to credit risk

The Group's maximum exposure of financial instruments, except for equity securities to credit risk that does not consider value of collateral as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)		2023		2022
On balance:				
Cash and due from banks	₩	388,650	₩	318,151
Financial assets at FVTPL Financial assets at fair value through other		6,867,900		4,709,581
comprehensive income		7,028,690		4,927,027
Financial assets at amortized cost		9,220,251		9,234,752
Loans		109,382,964		104,761,437
Receivables		1,474,910		1,517,675
Derivative assets		133,689		168,679
		134,497,054		125,637,302
Off balance:				
Guarantees and acceptances		1,359,921		1,161,773
Loan commitments		23,553,296		23,817,428
		24,913,217		24,979,201
	₩	159,410,271	₩	150,616,503

(d) Analysis of credit quality of financial assets

Credit quality is classified based on internal credit grades as follows:

	Household	Corporates, public sector and other
Grade 1	1-5	AAA, AA, AA-, A
Grade 2	6	A-, BBB+, BBB
Grade 3	7-8	BBB-, BB, BB-
Grade 4	9-10	B, B-, C, D

The gross carrying amount of loans, receivables and debt securities by credit risk grade as of December 31, 2023, is as follows:

(In millions of										202	23												
Korean won)							Loa	ans and receivable	es						Debt securities								
			L	.oans					Ree	ceivables					thr con	air value ough other prehensive income	Amortized cost						
	Lifetime expected credit losses Lifetime expected credit losses											Twelve											
	Twelve months Twelve months							elve months	months														
	expe	ected credit	Un	recognized	Re	ecognized	e	xpected credit	U	nrecognized	R	ecognized			exp	ected credit	expected						
		losses	ir	npairment	in	npairment		losses	i	impairment	ir	mpairment		Subtotal		losses	credit losses		Subtotal				
Grade 1	₩	49,224,082	₩	2,433,691	₩	-	₩	195,396	₩	10,720	₩	-	₩	51,863,889	₩	7,028,690	₩ 9,218,538	₩	16,247,228				
Grade 2		27,847,506		7,800,955		-		143,404		17,614		-		35,809,479		-	5,000		5,000				
Grade 3		7,267,729		8,363,627		5,000		44,287		28,847		-		15,709,490		-	-		-				
Grade 4		248,798		3,781,167		728,658		2,225		27,746		5,996		4,794,590		-	-		-				
Non-graded		2,377,910		657,755		66,403		993,578		4,691		65,866		4,166,203			<u> </u>		<u> </u>				
	₩	86,966,025	₩	23,037,195	₩	800,061	₩	1,378,890	₩	89,618	₩	71,862	₩	112,343,651	₩	7,028,690	₩ 9,223,538	₩	16,252,228				

Exposure to credit risk for loan commitments and guarantees and acceptances by credit risk grade as of December 31, 2023, is as follows:

(In millions of							202	23								
Korean won)				Loan com	nitme	nts				Guarantees and acceptances						
	Tw	elve months	Life	etime expect	ed cre	dit losses		Twel	/e months	Lifetime expected credit losses						
	exp	ected credit	Uni	recognized	Red	cognized		ex	pected	Unre	ecognized	Reco	ognized			
		losses	in	pairment	im	pairment	Subtotal	credit losses		impairment		impairment		5	Subtotal	
Grade 1	₩	15,917,762	₩	194,641	₩	-	₩ 16,112,403	₩	308,134	₩	1,360	₩	-	₩	309,494	
Grade 2		4,301,921		692,076		-	4,993,997		483,993		239,730		-		723,723	
Grade 3		802,625		575,937		-	1,378,562		115,380		160,956		-		276,336	
Grade 4		15,600		152,379		291	168,270		96		45,710		4,562		50,368	
Non-graded		142,385		28,186		_	170,571		-		-		-		-	
	₩	21,180,293	₩	1,643,219	₩	291	₩ 22,823,803	₩	907,603	₩	447,756	₩	4,562	₩	1,359,921	

The gross carrying amount of loans, receivables and debt securities by credit risk grade as of December 31, 2022, is as follows:

(In millions of										202	22									
Korean won)							Loa	ans and receivable	es								De	bt securities		
			I	_oans					Red	ceivables					thro com	air value ough other prehensive income	A	umortized cost		
			Life	time expected	cre	dit losses			Li	fetime expected	l cre	edit losses						Twelve		
		ve months						welve months								Ive months		months		
	•	cted credit		recognized		cognized	e	expected credit		nrecognized		ecognized			•	ected credit		expected		
	I	losses	ir	npairment	in	pairment		losses	i	impairment	ir	npairment		Subtotal		losses	cr	edit losses		Subtotal
Grade 1	₩	49,613,309	₩	1,174,918	₩	-	₩	224,942	₩	7,219	₩	-	₩	51,020,388	₩	4,927,027	₩	9,235,792	₩	14,162,819
Grade 2		29,210,204		5,206,632		-		120,987		14,005		-		34,551,828		-		2,002		2,002
Grade 3		7,242,252		6,405,297		-		26,861		22,131		-		13,696,541		-		-		-
Grade 4		313,083		2,813,197		504,669		2,038		10,543		1,681		3,645,211		-		-		-
Non-graded		3,086,261		150,399		21,669		1,094,061				66,961		4,419,351						
	₩	89,465,109	₩	15,750,443	₩	526,338	₩	1,468,889	₩	53,898	₩	68,642	₩	107,333,319	₩	4,927,027	₩	9,237,794	₩	14,164,821

Exposure to credit risk for loan commitments and guarantees and acceptances by credit risk grade as of December 31, 2022, is as follows:

(In millions of		2022														
Korean won)		Loan com	mitments	Guarantees and acceptances												
	Twelve months	Lifetime expect	ed credit losses		Twelve months	Lifetime expecte	ed credit losses									
	expected credit losses	Unrecognized impairment	Recognized impairment	Subtotal	expected credit losses	Unrecognized impairment	Recognized impairment	Subtotal								
Grade 1	₩ 16,350,815	₩ 138,696	₩ -	₩ 16,489,511	₩ 302,759	₩ 2,233	₩ -	₩ 304,992								
Grade 2	4,187,459	644,902	-	4,832,361	471,234	142,621	-	613,855								
Grade 3	772,882	461,596	-	1,234,478	93,804	68,774	-	162,578								
Grade 4	30,461	138,217	-	168,678	-	77,427	2,922	80,349								
Non-graded	350,477	9,513		359,990												
	₩ 21,692,094	₩ 1,392,924	₩ -	₩ 23,085,018	₩ 867,797	₩ 291,055	₩ 2,922	₩ 1,161,774								

#### (e) Concentration analysis of credit risk

Details of loans and debt securities by borrower's country and industry as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)			2023									
					De	bt securities						
		Loans		Fair value rough other mprehensive income	An	nortized cost		Subtotal				
Country:												
The Republic of Korea	₩	109,545,470	₩	6,955,928	₩	9,174,588	₩	16,130,516				
China		178,826		-		-		-				
Others		1,078,985		72,762		48,950		121,712				
	₩	110,803,281	₩	7,028,690	₩	9,223,538	₩	16,252,228				
Industry:												
Mining	₩	28,673	₩	39,948	₩	-	₩	39,948				
Manufacturing		20,488,304		-		-		-				
Electricity, gas, steam and												
water service		618,868		488,622		382,493		871,115				
Construction		3,720,689		277,150		302,090		579,240				
Wholesale and retail		10,099,021		-		-		-				
Transportation		1,936,978		138,273		295,025		433,298				
Lodging and restaurant												
business		4,758,493		-		-		-				
Publishing, visual entertainment, broadcasting and information		479,769		-		-		-				
Financial and insurance												
business		2,578,888		1,809,811		3,047,259		4,857,070				
Real estates and lease business		20,066,205		210 595		747,827		1,067,412				
Business facility management		20,000,205		319,585		141,021		1,007,412				
and business support services		618,763		20,312		40,000		60,312				
Public, national defense and social security system		119,831		3,894,312		4,328,914		8,223,226				
Associations, organizations and		,		-, , <b>,                               </b>		.,,		-,,_ <b>_</b> 0				
household		4,838,006		40,677		79,867		120,544				
Others		40,450,793		-		63		63				
	₩	110,803,281	₩	7,028,690	₩	9,223,538	₩	16,252,228				

# BNK Financial Group INC. and its subsidiaries Notes to the consolidated financial statements December 31, 2023 and 2022

# 4. FINANCIAL RISK MANAGEMENT: (cont'd)

(In millions of Korean won)		2022									
					Deb	ot securities					
		Loans	th	Fair value rough other mprehensive income	Am	ortized cost		Subtotal			
Country:											
The Republic of Korea	₩	104,177,447	₩	4,882,040	₩	9,183,643	₩	14,065,683			
China		276,025		-		-		-			
Others		1,288,418		44,987		54,151		99,138			
	₩	105,741,890	₩	4,927,027	₩	9,237,794	₩	14,164,821			
Industry:				.,021,021		0,201,101		,			
Mining	₩	31,286	₩	78,388	₩	-	₩	78,388			
Manufacturing		20,225,586		-		-		-			
Electricity, gas, steam and		_0,0,000									
water service		670,652		197,790		392,428		590,218			
Construction		3,072,555		130,325		338,093		468,418			
Wholesale and retail		9,627,191		-		-		-			
Transportation		2,130,075		96,500		310,730		407,230			
Lodging and restaurant business		4,398,773		-		-		-			
Publishing, visual entertainment, broadcasting and information		434,120		_		2,002		2,002			
Financial and insurance		101,120				2,002		2,002			
business		3,042,738		1,479,250		3,039,869		4,519,119			
Real estates and lease business		18,926,600		300,981		798,321		1,099,302			
Business facility management and business support services		635,251		19,612		40,000		59,612			
Public, national defense and social security system		514,540		2,555,405		4,226,222		6,781,627			
Associations, organizations and household		4,668,282		68,776		89,820		158,596			
Others		37,364,241		-		309		309			
	₩	105,741,890	₩	4,927,027	₩	9,237,794	₩	14,164,821			

# 4.3 Liquidity Risk

(a) General

Liquidity risk is the risk that the Group is unable to meet its payment obligations arising from financial liabilities as they fall due. The Group classifies and discloses contractual maturity of all financial liabilities into six categories in relation to liquidity risks, such as immediately payable, less than one month, one month to three months, three months to one year, less than one year, one year to five years and more than five years.

Although off-balance-sheet items, such as loan commitment and financial guarantees, have contractual maturities, they are separately disclosed, as the Group will pay them immediately upon counterparty's request for payment.

# (b) Liquidity risk management

General principles and the overall framework for managing liquidity risk across the Group are defined in the liquidity risk policy by risk management regulation, risk management instruction and liquidity risk manual.

All transactions that affect inflows and outflows of Korean/foreign currency funds across the Group are subject to the liquidity risk management. Liquidity risk is centrally managed and controlled by the Financial Planning Department, which reports its analysis and statics of the liquidity, including liquidity gap, liquidity ratio, maturity mismatch ratio and liquidity risk situation, to the asset-liability management committee ("ALCO"). The financial strategies that are required to achieve the Group's risk management goal, including liquidity risk management, are set out and overseen by the ALCO.

#### (c) Remaining contractual maturity analysis of non-derivative and derivative financial liabilities

The Group's non-derivative financial liabilities as of December 31, 2023 and 2022 are summarized by remaining contractual maturity as follows:

(In millions of Korean won)					:	202	3		
		Less than one month		1 month – 3 months	3 – 12 months		1 year – 5 years	More than five years	Total
Financial liabilities <sup>1</sup> :									
Deposits	₩	42,276,426	₩	15,592,687 ₩	46,659,878	₩	4,514,201 ₩	195,468 ₩	109,238,660
Financial liabilities at									
FVTPL		249,793		269,880	394,481		191,566	-	1,105,720
Borrowings		3,497,537		1,199,424	1,304,533		2,668,298	483,714	9,153,506
Debentures		534,655		1,880,268	4,990,049		6,206,989	174,687	13,786,648
Other financial liabilities <sup>2</sup>		3,563,286		47,691	135,635		587,938	539,578	4,874,128
	₩	50,121,697	₩	18,989,950 ₩	53,484,576	₩	14,168,992 ₩	1,393,447 ₩	138,158,662
Derivative liabilities:									
Derivatives for hedging <sup>3</sup>	₩	-	₩	- ₩	-	₩	20,556 ₩	12,023 ₩	32,579
Derivatives for trading <sup>3</sup>		9,016		8,929	18,912		19,549	38,772	95,178
	₩	9,016	₩	8,929 ₩	18,912	₩	40,105 ₩	50,795 ₩	127,757

<sup>1</sup> Principal and interest are included in financial liabilities.

<sup>2</sup> Consist of other payables, accrued expenses and leasehold deposits received and others.

<sup>3</sup>Estimate the cash flows by offsetting cash inflow and cash outflow.

(In millions of Korean won)					:	202	2		
		Less than one month		1 month – 3 months	3 – 12 months		1 year – 5 years	More than five years	Total
Financial liabilities <sup>1</sup> :									
Deposits	₩	42,344,768	₩	13,816,483 ₩	41,381,305	₩	5,882,292 ₩	202,079 ₩	103,626,927
Financial liabilities at									
FVTPL		58,527		225,712	298,781		11,325	55,403	649,748
Borrowings		2,380,775		732,236	1,645,413		2,949,949	501,613	8,209,986
Debentures		710,964		1,759,141	3,924,890		6,109,798	309,625	12,814,418
Other financial liabilities <sup>2</sup>		2,395,185		38,185	171,669	_	401,327	352,370	3,358,736
	₩	47,890,219	₩	16,571,757 ₩	47,422,058	₩	15,354,691 ₩	1,421,090 ₩	128,659,815
Derivative liabilities:									
Derivatives for hedging <sup>3</sup>	₩	-	₩	- ₩	-	₩	29,250 ₩	15,922 ₩	45,172
Derivatives for trading <sup>3</sup>		21,733		17,607	35,871	_	25,085	55,404	155,700
	₩	21,733	₩	17,607 ₩	35,871	₩	54,335 ₩	71,326 ₩	200,872

<sup>1</sup> Principal and interest are included in financial liabilities.

<sup>2</sup> Consist of other payables, accrued expenses and leasehold deposits received and others.

<sup>3</sup>Estimate the cash flows by offsetting cash inflow and cash outflow.

#### (d) Marginal residual maturity (payment guarantee, commitments and others)

Guarantees, loan commitments and other credit facilities provided by the Group have maturities. However, if the counterparty requests the payment immediately, the payment must be fulfilled. The off-balance-sheet items as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)		2023		2022
Guarantees	₩	1,359,921	₩	1,161,774
Loan commitments		23,553,297		23,817,428
	₩	24,913,218	₩	24,979,202

### 4.4 Market Risk

#### (a) General

Market risk is the risk to the Group's earnings arising from changes in interest rates, stock prices, currency exchange rates and commodity prices. It is derived from loans, deposits, securities and derivatives, and generated through both trading and non-trading positions. The trading market risk that the Group is mainly exposed to is the interest rate risk arising from the change in the value of debt instruments and interest rate-embedded securities due to changes in market interest rate. The Group is additionally exposed to stock price and foreign exchange rate fluctuation risk arising from loans, receivables, deposits, securities and financial derivatives.

#### (b) Market risk management

The Group monitors and sets up the economic capital limit of market risk and interest rate risk to manage trading and non-trading positions. To manage market risk effectively, trading position enforces trading policy regulation and market risk manual, while non-trading position enforces interest rate risk manual, risk management system and procedure. All such processes are approved by the Group's ALCO and risk management council.

The Group's risk management council establishes overall market risk management principles. It has delegated the responsibility of the market risk management for trading activities to the Market Risk Management Subcommittee of the Group. Based on the policies approved by the Group's risk management council, the Market Risk Management Subcommittee reviews and approves reports as required that include trading profits and losses, position reports, limit utilization, sensitivity analysis and VaR results from the trading activities.

Determination of interest rate and commission rate, enactment and amendment of asset-liability management ("ALM") risk management policy and interest rate and commission rate guidelines, and analysis of monthly ALM risks are the responsibilities of the ALCO. Interest rate risk limits are determined based on asset-liability position and expected interest rate volatility considering annual operational planning, and are centrally measured and monitored by the financial planning team. Responsibility for management of interest rate risks, such as interest rate gap, duration gap, sensitivity and compliance, with interest rate risk limits policy resides with the Risk Management department, which reports the results to the ALCO on a monthly basis.

(c) Market risk management for trading activities

a. Definition of trading position

The trading position in accordance with 'Regulation of Trading Policy' is subject to the trading market management. The basic requirements of the trading position are as follows:

- The target position is not restricted to the sale. It is daily evaluated at fair value and should be a hedge against important risks in the market.
- The trading position should be controlled by the instruction of the trading policy and managed by a consolidated trading department.
- The target position is operated in accordance with a documented trading strategy and the limit of trading should be controlled.
- Without the prior approval, a professional dealer or an operation division for the target position should be authorized to handle transactions within the predetermined limit.
- The target position to control risk should be periodically reported to management.
- b. Measurement of market risk occurring at trading position

The Group measures market risk as VaR, which is calculated by market risk management system. It generally manages market risk arising from the trading position at the level of the portfolio.

To manage the market risk, the Group monitors and sets up the economic capital limit based on VaR. It sets up and monitors the economic capital limit, position limit and loss cut within the economic capital limit. According to the regulations and rules of the Financial Supervisory Service, the Group controls and manages risks of derivative transactions.

c. VaR

① VaR measurement

The Group uses daily VaR to measure market risk. Daily VaR is a statistically estimated maximum amount of loss that could occur in one day under normal distribution of financial variables. The Group uses a 99% single-tail confidence level, based on past 250 business days, to measure daily VaR, which means the actual amount of loss may exceed the VaR, on average, once out of 100 business days. VaR is a commonly used market risk management technique; however, this approach does have some shortcomings.

The VaR measures the potential loss in value of a risky asset or portfolio based on historical market changes over a defined period for a given confidence interval. However, it is not always possible in practice that the historical market changes reflect all future conditions and circumstances, which results in variance in actual loss timing and size due to the changes in assumptions used in the calculation. In addition, the time periods used for the model, generally one day or 10 days, are assumed to be sufficient holding periods before liquidating the relevant underlying positions. If these holding periods are not sufficient, or too long, the VaR results may understate or overstate the potential loss.

#### Back testing

The Group conducts back testing on a daily basis to validate the adequacy of market risk. In back testing, the Group compares both the actual and hypothetical profit and loss with the VaR calculations, and analyzes any results that fall outside its predetermined confidence interval of 99%.

#### 2 Stress testing

The Group uses stress testing to assess market risk exposure to abnormal market fluctuations, such as interest rate, equity price, exchange rate and implied volatility of derivatives. The Group uses not only historical scenarios as a main scenario, but also hypothetical scenarios as a supplementary analysis. Stress testing projects the anticipated change in value of holding positions under certain scenarios assuming that no action is taken during a stress event to change the risk profile of a portfolio. Stress testing is conducted at least more than once within a quarter.

The following table shows VaR as of December 31, 2023 and 2022 at 99% confidence level for a one-day holding period, for interest rate risk, equity price risk and foreign exchange rate risk related to trading activities:

(In millions of				20	23			
Korean won)	Max	kimum	Mi	nimum	Α	verage		Ending
Interest rate risk	₩	987	₩	735	₩	791	₩	720
Equity price risk		7		441		338		163
Foreign exchange rate								
risk		1,757		946		1,148		932
Diversification		(932)		(1,462)		(1,261)		(1,012)
Total VaR	₩	1,819	₩	660	₩	1,016	₩	803
(In millions of				20	22			
Korean won)	Max	kimum	Mi	nimum	A	verage		Ending
Interest rate risk	₩	1,115	₩	313	₩	758	₩	1,020
Equity price risk		11		91		67		11
Foreign exchange rate								
risk		1,735		118		662		912
Diversification		(540)		(163)		(558)		(568)
Total VaR	₩	2,321	₩	359	₩	929	₩	1,375

#### i) Busan Bank

#### ii) Kyongnam Bank

(In millions of				20	23			
Korean won)	М	aximum	Mir	nimum		Average		Ending
Interest rate risk	₩	376	₩	21	₩	188	₩	18
Equity price risk Foreign exchange rate		49		-		27		-
risk		207		10		69		17
Diversification		(137)		(7)		(53)		(7)
Total VaR	₩	495	₩	24	₩	231	₩	28
(In millions of				20	22			
Korean won)	М	aximum	Mir	nimum		Average		Ending
Interest rate risk	₩	284	₩	143	₩	193	₩	140
Equity price risk Foreign exchange rate		424		-		187		-
risk		20		13		35		73
Diversification		(33)		(13)		(29)		(61)
Total VaR							₩	

The total VaR becomes smaller than the total of interest rate risk, equity price risk and foreign exchange rate risk due to diversification effect.

#### d. Details by risk factors

#### ① Interest rate risk

Interest rate risk from trading activities arises mainly from the Group's trading of Korean-wondenominated debt securities. The Group's trading strategy is to benefit from short-term changes in the prices of debt securities arising from changes in interest rates. As the Group's trading accounts are marked to market daily, it manages the interest risk related to its trading accounts using market value-based tools, such as VaR and sensitivity analysis.

#### ② Equity price risk

Equity prick risk results from the Group's equity trading portfolio in Korean won since it does not have any trading exposure to shares denominated in foreign currencies. The equity trading portfolio in Korean won consists of exchange-traded stocks and nearest-month or second-nearest-month futures contracts under strict diversified investment limits. The Group's risk management council sets annual and monthly stop-loss limits, position limits and sensitivity limits that are daily monitored by its Risk Management department.

# ③ Foreign exchange rate risk

Foreign exchange rate risk arises because the Group has assets and liabilities that are denominated in currencies other than Korean won, as well as off-balance-sheet items, such as foreign exchange forwards and currency swaps. Assets and liabilities denominated in U.S. dollars, Japanese yen and Euro are typically accounted for the majority of the Group's foreign currency assets and liabilities. The Group oversees its foreign exchange rate exposure for both trading and non-trading purposes by establishing a limit for net foreign currency open position, together with stop-loss limits.

								2023							
		U	ISD		J	IPY		E	UR		c	NY		C	thers
(In million	s of USD, JPY, EUR,														
CNY and	l in millions of	Foreign	Kor	ean won	Foreign	Koi	ean won	Foreign	Ko	rean won	Foreign	Korea	n won	Kor	ean won
Korean v	von)	currency	eq	uivalent	currency	eq	uivalent	currency	ec	quivalent	currency	equiv	alent	equ	uivalent
<b>.</b> .	Cash and cash														
Assets	equivalents	276	₩	355,570	21,311	₩	194,494	58	₩	83,328	216	₩	39,013	₩	91,557
	Financial assets at														
	FVTPL	11		14,428	-		-	-		-	-		-		-
	Financial assets at														
	fair value through														
	other														
	comprehensive														
	income	76		97,365	-		-	-		-	-		-		-
	Financial assets at														
	amortized cost	110		142,216	-		-	-		-	-		-		32,296
	Loans and														
	receivables	1,390		1,792,213	13,862		126,517	58		82,468	1,073		194,041		205,725
	Other assets	163		209,610	152		1,390			77	-		2		163
		2,026		2,611,402	35,325		322,401	116		165,873	1,289		233,056		329,741
Liabilities	Deposit liabilities	844		1,088,427	30,386		277,322	26		37,800	335		60,497		24,033
	Borrowings	835		1,076,739	8,685		79,261	32		45,937	797		144,155		189,810
	Other liabilities	490		631,567	2,307		21,055			10,987	31		5,528		5,392
		2,169	₩	2,796,733	41,378	₩	377,638	66	₩	94,724	1,163	₩	210,180	₩	219,235

						2022					
		ι	JSD	、	IPY	E	EUR	0	CNY	Others	
•	s of USD, JPY, EUR, in millions of	Foreign	Korean won	Foreign	Korean won	Foreign	Korean won	Foreign	Korean won		
Korean w	ion)	currency	equivalent	currency	equivalent	currency	equivalent	currency	equivalent	equivalent	
	Cash and cash										
Assets	equivalents	304	₩ 385,685	14,422	₩ 137,469	79	₩ 55,280	233	₩ 69,117	₩ 52,865	
	Financial assets at										
	FVTPL	20	24,841	-	-	-	-	-	-	-	
	Financial assets at										
	fair value through										
	other										
	comprehensive										
	income	84	106,377	-	-	-	-	-	-	-	
	Financial assets at										
	amortized cost	93	117,853	-	-	-	-	-	-	-	
	Loans and										
	receivables	1,796	2,276,438	12,377	117,977	52	62,816	648	138,754	70,150	
	Other assets	753	933,641	11,119	105,985	50	9,124	40	55,510	11,543	
		3,050	3,844,835	37,918	361,431	181	127,220	921	263,381	134,558	
Liabilities	Deposit liabilities	862	1,092,313	17,003	162,099	67	43,502	376	83,675	49,578	
	Borrowings	1,119	1,417,926	12,151	115,819	6	7,895	188	64,592	33,831	
	Other liabilities	568	719,508	1,302	12,412	14	6,449	5	2,976	561	
		2,549	₩ 3,229,747	30,456	₩ 290,330	87	₩ 57,846	569	₩ 151,243	₩ 83,970	

(d) Market risk management for non-trading activities

#### a. Definition of non-trading position

The Group's principal market risk from non-trading activities is interest rate risk. Interest rate risk arises due to mismatches in the maturities or repricing periods of the rate-sensitive assets and liabilities. The Group measures interest rate risk for Korean won and foreign currency assets and liabilities in its bank accounts (including derivatives) and its principal-guaranteed trust accounts. Most of its interest-earning assets and interest-bearing liabilities are denominated in Korean won, and its foreign-currency-denominated assets and liabilities are mostly denominated in U.S. dollars.

#### b. Measurement of market risk occurring at non-trading position

The Group's principal interest rate risk management objectives are to generate stable net interest revenues and to protect its asset value against interest rate fluctuations. The Group principally manages this risk for its non-trading activities by analyzing and managing maturity and duration gaps between its interest-earning assets and interest-bearing liabilities.

### 4.5 Operational Risk

(a) General

The Group defines operational risk broadly to include all financial and non-financial risks that may arise from its operations that could negatively affect its capital.

# (b) Operational risk management

The Group's operational risk management objectives include not only satisfying regulatory requirements, but also providing internal support through the encouragement of a strong risk management culture, reinforcement of internal controls, improvement of work processes and provision of timely feedback to management members and staff throughout the Group.

# 4.6 Capital Management

In accordance with financial holding Group regulations, the Group is required to maintain a minimum of 8% of the capital adequacy ratio. The capital adequacy ratio must correspond to the standard of capital regulation of the Bank for International Settlements ("BIS"), and is calculated by dividing own capital by asset (weighted with a risk premium – risk-weighted assets) based on the consolidated financial statements of a holding group. The Group calculates its capital adequacy ratio under Basel I, according to the Regulation on the Supervision of Financial Holding Companies.

In accordance with financial holding group regulations, the Group must maintain the share capitalcommon ratio of 7.0%, Tier 1 capital ratio of 8.5% and total capital ratio of 10.5% as of December 31, 2023.

The risk-weighted asset includes intrinsic risks in total assets, errors of internal operation processes and loss risk from external events. It indicates the size of assets reflecting the level of risks that the Group bears. The Group computes the risk-weighted asset by risk (credit, market and operational) and uses it for calculation of BIS capital ratio.

The Group's BIS capital ratios as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)		2023	2022			
Share capital - common (A)	₩	8,935,573	₩	8,307,214		
Other basic capital (B)		982,347		1,194,596		
Tier 2 capital (C)	_	659,439	_	628,343		
Total capital (D)	₩	10,577,359	₩	10,130,153		
Credit risk-weighted assets	₩	67,927,522	₩	67,611,241		
Market risk-weighted assets		2,769,413		989,542		
Operational risk-weighted assets		5,753,961		5,922,533		
Total risk-weighted assets (E)	₩	76,450,896	₩	74,523,316		
Share capital - common ratio (A/E) (%)		11.69		11.15		
Tier 1 capital ratio ((A+B)/E) (%)	_	12.97	_	12.75		
Total capital ratio (D/E) (%)		13.84		13.59		

#### 5. OPERATING SEGMENT INFORMATION:

#### (a) Segment report and division information

Segment information indicates details of the Group's divisions. Main divisions of business are based on the Group's internal report. The Group consists of six business divisions: two divisions of bank, securities, capital, savings bank and other. Such business divisions are divided by products, characteristics of services, customers and organization of the Group. Based on these categories, the main information by divisions is disclosed as follows:

Operations by divisions for each of the two years in the period ended December 31, 2023 are as follows:

					2023				
(In millions of Korean won)	Busan Bank	Kyongnam Bank	BNK Capital Co., Ltd.	BNK Securities Co., Ltd.	BNK Savings Bank	Others	Total	Adjustment	Consolidate d financial statements
Net interest income ₩ (expenses)	1,497,808₩	990,443 ₩	325,741 ₩	76,631 ₩	52,828 ₩	(28,220)	₩ 2,915,231	₩ (9,777)	₩ 2,905,454
Net commission income	61,750	41,826	24,060	80,570	8,588	26,846	243,640	(2,361)	241,279
Net gain on financial assets at FVTPL	56,835	56,078	6,535	39,300	1,137	25,255	185,140	(23,556)	161,584
Net gain on financial assets at fair value through other comprehensive income	2,392	2,001	-	402	-	-	4,795	3	4,798
Net gain(loss) on financial assets at amortized cost	(256)	10	-	-	-	-	(246)	-	(246)
Contribution to provision for credit loss and others	(314,936)	(173,178)	(147,123)	(93,467)	(30,452)	(364)	(759,520)	145	(759,375)
General and administrative expenses	(688,468)	(481,792)	(104,497)	(89,587)	(23,870)	(114,015)	(1,502,229)	26,264	(1,475,965)
Other operating income (expenses), net	(180,415)	(142,206)	49,738	9,795	(8,016)	418,796	147,692	(424,047)	(276,355)
Operating profit	434,710	293,182	154,454	23,644	215	328,298	1,234,503	(433,329)	801,174
Non-operating income (expenses), net	31,196	33,835	(9,396)	(17)	844	32,849	89,311	(14,925)	74,386
Profit before income tax	465,906	327,017	145,058	23,627	1,059	361,147	1,323,814	(448,254)	875,560
Income tax income (expense)	(86,786)	(69,893)	(33,223)	(11,262)	2,074	(4,948)	(204,038)	7,383	(196,655)
Profit for the year ₩	379,120₩	257,124 ₩	111,835 ₩	12,365 ₩	3,133 ₩	356,199	₩ 1,119,776	₩ (440,871)	₩ 678,905
Total assets ₩	77,271,486₩	50,933,014 ₩	8,972,818 ₩	5,807,547 ₩	1,785,620 ₩	9,018,975	₩ 153,789,460	₩ (8,005,825)	₩ 145,783,635
Total liabilities ₩	71,622,886₩	47,470,883 ₩	7,663,670 ₩	4,620,653 ₩	1,546,750 ₩	2,409,450	₩ 135,334,292	₩ (224,359)	₩ 135,109,933

#### 5. OPERATING SEGMENT INFORMATION: (cont'd)

						2022				
(In millions of Korean won)		Busan Bank	Kyongnam Bank	BNK Capital Co., Ltd.	BNK Securities Co., Ltd.	BNK Savings Bank	Others	Total	Adjustment	Consolidate d financial statements
Net interest income (expenses)	₩	1,506,803₩	988,758 ₩	355,085 H	¥ 52,359 ¥	ŧ 56,556 ₩	(32,029)	₩ 2,927,532	₩ (6,426)	₩ 2,921,106
Net commission income		78,651	54,069	52,411	179,139	3,093	23,551	390,914	(2,074)	388,840
Net gain(loss) on financial assets at FVTPL		(13,668)	34,006	16,180	(13,234)	(6,602)	(8,220)	8,462	(12,749)	(4,287)
Net gain(loss) on financial assets at fair value through other comprehensive income		3,302	(895)	-	402	-	-	2,809	-	2,809
Net gain on financial assets at amortized cost		12	272	-	-	-	-	284	-	284
Contribution to provision for credit loss and others		(146,437)	(129,995)	(134,710)	(33,974)	(33,379)	(103)	(478,598)	143	(478,455)
General and administrative expenses		(702,692)	(468,280)	(104,531)	(142,790)	(21,724)	(100,639)	(1,540,656)	19,473	(1,521,183)
Other operating income (expenses), net		(124,744)	(109,138)	46,016	37,178	(4,056)	403,438	248,694	(401,667)	(152,973)
Operating profit(loss)		601,227	368,797	230,451	79,080	(6,112)	285,998	1,559,441	(403,300)	1,156,141
Non-operating income (expenses), net		882	(38,531)	2,098	833	743	29,988	(3,987)	(26,952)	(30,939)
Profit(loss) before income tax		602,109	330,266	232,549	79,913	(5,369)	315,986	1,555,454	(430,252)	1,125,202
Income tax income (expense)		(146,317)	(76,412)	(61,502)	(22,593)	1,598	1,126	(304,100)	12,048	(292,052)
Profit(loss) for the year	₩	455,792₩	253,854 ₩	171,047	¥ 57,320 ¥	# (3,771) ₩	317,112	₩ 1,251,354	₩ (418,204)	₩ 833,150
Total assets	₩	73,236,530₩	48,857,968 ₩	8,605,180	∀ 3,914,295 ₩	# 1,704,240 ₩	8,287,508	₩ 144,605,721	₩ (7,673,114)	₩ 136,932,607
Total liabilities	₩	67,566,260₩	45,232,933 ₩	7,405,935	¥ 2,849,952 ₩	/ 1,468,504 ₩	2,040,720	₩ 126,564,304	₩ (421,579)	₩ 126,142,725

#### (b) Information on financial services and geographical areas

As the financial products of the Group are categorized as interest bearing, non-interest bearing and others, and the categorization is already reflected in the composition of the reportable segments above, revenue from external customers is not separately disclosed. Revenue by geographical areas is not separately disclosed as the Group operates its business domestically.

# 5. OPERATING SEGMENT INFORMATION: (cont'd)

(c) Information on main customers

The information regarding the revenue and non-current assets of the Group by geographical areas is as follows.

		Revenue		Non-current assets			
(In millions of Korean won)		2023	2022	2023	2022		
Domestic portion	₩	9,589,846₩	7,501,364₩	2,165,954₩	2,130,127		
Foreign portion		74,101	58,687	10,232	9,993		
	₩	9,663,947₩	7,560,051₩	2,176,186₩	2,140,120		

#### (a) The fair value of financial instruments by category

The carrying amounts and fair value of financial assets and financial liabilities by each category as of December 31, 2023 and 2022 are as follows:

		2023		2022			
(In millions of Korean won)	Carrying amount		Fair value	Carrying amount	Fair value		
Financial assets:							
Cash and due from bank	₩	5,359,110₩	5,359,110₩	6,212,882₩	6,212,882		
Financial assets at FVTPL		7,223,889	7,223,889	4,954,903	4,954,903		
Financial assets at fair value through other comprehensive							
income		7,187,862	7,187,862	5,093,086	5,093,086		
Financial assets at							
amortized cost		9,220,251	9,056,373	9,234,752	8,783,170		
Loans and receivables		110,857,874	112,829,785	106,279,112	107,014,684		
Derivative assets		133,689	133,689	168,679	168,679		
	₩	139,982,675₩	141,790,708₩	131,943,414₩	132,227,404		
Financial liabilities:							
Deposit liabilities	₩	106,761,234₩	106,808,602₩	101,470,361₩	101,419,465		
Financial liabilities at							
FVTPL		1,108,862	1,108,862	850,662	850,662		
Borrowings		8,815,876	8,771,491	7,716,089	7,626,096		
Debentures		13,035,410	13,026,872	12,145,457	12,032,936		
Derivative liabilities		122,132	122,132	194,189	194,189		
Other financial							
liabilities <sup>1</sup>		4,742,453	4,744,441₩	3,264,680₩	3,262,217		
	₩	134,585,967₩	134,582,400₩	125,641,438₩	125,385,565		

<sup>1</sup> Other financial liabilities consist of accounts payables and accrued expenses.

(b) Fair value measurement method and assumptions by financial instruments

Fair value assessment method and assumptions are as follows:

Classification	Fair value measurement technique
Cash and due from banks	The carrying amounts of cash are assumed to be, and demand due from banks and payment due from banks are reasonable approximations of fair values. These financial instruments do not have a fixed maturity and are receivable on demand. Fair value of ordinary due from banks is measured using DCF Model. However, if the contractual maturity and the interest resetting period from the settlement date are within three months, the carrying amounts are assumed to be the fair value.
Securities	The fair value of financial instruments that are quoted in active markets is determined using the quoted prices. Fair value is determined by independent third-party pricing services when quoted prices are not available. Pricing services use one or more of the valuation techniques, including DCF Model, Imputed Market Value Model, Free Cash Flow to Equity Model, Dividend Discount Model, Risk-Adjusted Discount Rate Method and Net Asset Value Method.
Derivatives	For exchange-traded derivatives, a quoted price in an active market is used to determine fair value, and for over-the-counter ("OTC") derivatives, fair value is determined using valuation techniques. The consolidated entity uses internally developed valuation models that are widely used by market participants to determine the fair value of plain OTC derivatives, including options, IRSs and currency swaps, based on observable market parameters. However, some complex financial instruments are valued using an advanced internal valuation model or the results of independent pricing services, where part or all of the inputs are not observable in the market. OTC derivatives with closed-form solutions in its valuation are valued using the appropriate model. Complex derivative instruments whose valuation method cannot be defined by closed-form solution are valued using techniques, including Finite Difference Method and Monte Carlo Simulation.
Loans and receivables	DCF is used to determine the fair value of loans and receivables. When DCF Model is applied, the expected cash flow is calculated by applying the early redemption risk rate to the contractual cash flow calculated according to the contract terms and discounted at an appropriate discount rate to calculate fair value. For those loans and receivables with residual maturities of less than three months as of the closing date and the ones with a reset period of less than three months, the carrying amount is regarded as fair value.
Deposit liabilities	The carrying amount of demand deposit is regarded as fair value as it does not have the maturity and the amount approximates the fair value. Fair value of time deposit is determined using DCF. Fair value is determined using appropriate discount rate and the expected cash flows by contractual cash flows with the prepayment rate taken into account. For those deposits with residual maturities of less than three months as of the closing date and the ones with a reset period of less than three months, the carrying amount is regarded as fair value.
Borrowings	Fair value is determined using DCF discounting contractual future cash flows by an appropriate discount rate. However, for those borrowings with residual maturities of less than three months as of the closing date and the ones with a reset period of less than three months, the carrying amount is regarded as fair value.
Debentures	Fair value is determined by using the valuation of independent third-party pricing services in accordance with the market prices that are quoted in active markets.
Other financial liabilities	Other financial liabilities mainly consist of financial liabilities with residual maturities of less than three months as of the closing date, and the carrying amount of those is regarded as fair value.

(c) Fair Value Hierarchy Classifications of the Financial Instruments that are Subsequently Measured at Fair Value

Fair value hierarchy classifications of the financial instruments that are subsequently measured at fair value as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)	2023							
		Level 1		Level 2		Level 3		Total
Financial assets:								
Financial assets at FVTPL Financial assets at fair value through other comprehensive	₩	343,910	₩	5,436,502	₩	1,443,477	₩	7,223,889
income		3,497,596		3,541,810		148,456		7,187,862
Loans receivables at FVTPL		-		-		51,250		51,250
Derivative assets		-		123,843		9,846		133,689
	₩	3,841,506	₩	9,102,155	₩	1,653,029	₩	14,596,690
Financial liabilities:								
Financial liabilities at FVTPL	₩	178,149	₩	-	₩	930,713	₩	1,108,862
Derivative liabilities		-		83,798		38,334		122,132
	₩	178,149	₩	83,798	₩	969,047	₩	1,230,994
(In millions of Korean won)				20	)22			
(In millions of Korean won)		Level 1		20 Level 2	)22	Level 3		Total
(In millions of Korean won)		Level 1			)22	Level 3		Total
(In millions of Korean won) Financial assets:		Level 1			)22	Level 3		Total
Financial assets: Financial assets at FVTPL Financial assets at fair value	₩		₩		<b>)22</b> ₩	Level 3 1,514,228	₩	<b>Total</b> 4,954,903
Financial assets: Financial assets at FVTPL	₩			Level 2	<u> </u>		₩	
Financial assets: Financial assets at FVTPL Financial assets at fair value through other comprehensive	₩	176,978		Level 2 3,263,697	<u> </u>	1,514,228	₩	4,954,903
Financial assets: Financial assets at FVTPL Financial assets at fair value through other comprehensive income	₩	176,978		Level 2 3,263,697	<u> </u>	1,514,228	₩	4,954,903
Financial assets: Financial assets at FVTPL Financial assets at fair value through other comprehensive income Loans receivables at FVTPL	₩	176,978 2,262,647 - 300		2,673,126	₩	1,514,228 157,313 62,105	₩	4,954,903 5,093,086 62,105
Financial assets: Financial assets at FVTPL Financial assets at fair value through other comprehensive income Loans receivables at FVTPL		176,978 2,262,647 - 300	₩	Level 2 3,263,697 2,673,126 - 167,424	₩	1,514,228 157,313 62,105 955		4,954,903 5,093,086 62,105 168,679
Financial assets: Financial assets at FVTPL Financial assets at fair value through other comprehensive income Loans receivables at FVTPL Derivative assets		176,978 2,262,647 - 300	₩	Level 2 3,263,697 2,673,126 - 167,424 6,104,247	₩	1,514,228 157,313 62,105 955		4,954,903 5,093,086 62,105 168,679
Financial assets: Financial assets at FVTPL Financial assets at fair value through other comprehensive income Loans receivables at FVTPL Derivative assets Financial liabilities:	₩	176,978 2,262,647 - 300 2,439,925	₩	Level 2 3,263,697 2,673,126 - 167,424 6,104,247	₩	1,514,228 157,313 62,105 955 1,734,601	₩	4,954,903 5,093,086 62,105 168,679 10,278,773

The valuation techniques and input variables of Level 2 financial instruments, subsequently measured at fair value, as of December 31, 2023 and 2022 are as follows:

			2023					
(In millions of Korean won)	F	air value	Valuation techniques	Input variables				
	-		teeninquee	input fullablee				
Financial assets: Financial assets at fair value through profit or loss								
Debt securities	₩	4,522,848	DCF Model	Discount rate				
Other securities		913,654	DCF Model, Net Asset Value Method and Monte Carlo Simulation	Discount rate, value of underlying assets, volatility				
Financial assets at fair value through other comprehensive income								
Debt securities		3,541,810	DCF Model	Discount rate				
Derivative assets	123,843		DCF Model and 1- factor Gaussian Copular model	Interest rate, discount rate, exchange rate, credit spread of reference entity, etc.				
Financial liabilities:				· · · · · · · · · · · · · · · · · · ·				
Derivative liabilities	₩	83,798	DCF Model and 1- factor Gaussian Copular model	Interest rate, discount rate, exchange rate, credit spread of reference entity, etc.				
			2022					
(In millions of Korean won)	F	air value	Valuation techniques	Input variables				
Financial assets: Financial assets at fair value through profit or loss Debt securities	₩	2,412,629	DCF Model	Discount rate				
Other securities		851,068	DCF Model and Net	Discount rate and value				
Financial assets at fair value through other comprehensive income			Asset Value Method	of underlying assets				
Debt securities		2,673,126	DCF Model	Discount rate				
Derivative assets		167,424	DCF Model	Discount rate and exchange rate				
Financial liabilities:								
Derivative liabilities	₩	148,027	DCF Model	Discount rate and exchange rate				

The valuation techniques, input variables and range of significant unobservable input variables of Level 3 financial instruments, which are subsequently measured at fair value, as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)	Fair value 2023	Valuation techniques	Range of significant unobservable inputs	Relationship between significant unobservable inputs and fair value
Financial assets Financial assets at FVTPL	₩ 1,443,477			
Equity securities	217,781	Net Asset Value Method, DCF Model, Binomial Trees, Hull & White / G2++ and Least Square Monte Carlo Simulation ("LSMC")	Value of underlying assets Discount rate: 16.17% Volatility: 0.61%-76.22% Growth rate: 0.00%	Fair value increases (decreases) when value of underlying assets increases (decreases), discount rate decreases (increases), growth rate increases (decreases) or volatility increases (decreases)
Debt securities	114,761	LSMC	Volatility: 14.23%-53.75%	Fair value increases (decreases) when volatility increases (decreases)
Other securities	1,110,935	<ul> <li>Net Asset Value Method,</li> <li>Dividend</li> <li>Discount Model,</li> <li>Free Cash Flow</li> <li>Equity Model,</li> <li>Binomial Trees,</li> <li>Market Value</li> <li>Approach and</li> <li>LSMC</li> </ul>	Value of underlying assets Discount rate: 3.07%- 125.11% Volatility: 0.54%-52.74% Growth rate: 1.00% Liquidation value: 0.00%	Fair value increases (decreases) when value of underlying assets increases (decreases), discount rate decreases (increases), volatility increases (decreases), growth rate increases (decreases) or liquidation value increases (decreases)
Financial assets at fair value through other comprehensive income	148,456			
Equity securities	148,456	<ul> <li>Net Asset Value</li> <li>Method, Free</li> <li>Cash Flow</li> <li>Equity Model,</li> <li>Dividend</li> <li>Discount Model,</li> <li>Comparable</li> <li>Company</li> <li>Analysis and</li> <li>DCF Model</li> </ul>	Value of underlying assets Discount rate: 9.25%-17.54% Growth rate: 0.00%-1.00%	Fair value increases (decreases) when value of underlying assets increases (decreases), discount rate decreases (increases), volatility increases (decreases), growth rate increases (decreases) or liquidation value increases (decreases)
Loans receivables at FVTPL	51,250			

(In millions of Korean won)	Fair value	Valuation techniques	Range of significant unobservable inputs	Relationship between significant unobservable inputs and fair value
Hybrid (combined) instruments		Binomial Trees	Volatility: 19.99%-61.28% Discount rate: 5.33%-21.21%	Fair value increases (decreases) when volatility increases (decreases) or discount rate decreases (increases)
Derivative assets	9,846	Binomial Trees and LSMC	Volatility: 0.00%-99.00% Discount rate : 3.70%-3.80% Correlation coefficient:-0.99- 0.99	Fair value increases (decreases) when volatility increases (decreases) or correlation coefficient increases (decreases)
Financial liability				
Financial liabilities at FVTPL	930,713	Hull & White Model and LSMC	Volatility: 0.00%-99.00% Correlation coefficient: -0.99- 0.99	Fair value increases (decreases) when volatility increases (decreases) or correlation coefficient increases (decreases)
Derivative liabilities	38,334	Binomial Trees and LSMC	Volatility: 0.00%-99.00% Discount rate: 3.70%-3.80% Correlation coefficient: -0.99- 0.99	Fair value increases (decreases) when volatility increases (decreases), discount rate decreases (increases) or correlation coefficient increases (decreases)
				Relationship between
(In millions of	Fairwalua	Valuation	Range of significant	significant unobservable
Korean won)	Fair value 2022	techniques	unobservable inputs	inputs and fair value
Financial assets Financial assets at	₩ 1,514,228			
FVTPL Equity securities	192,384	Net Asset Value Method, DCF Model, Binomial Trees and others	Value of underlying assets Discount rate: 9.33% Volatility: 23.07%-38.37% Price multiple: 0.69	Fair value increases (decreases) when value of underlying assets increases (decreases), discount rate decreases (increases), growth rate increases (decreases), volatility increases (decreases) or price multiple increases (decreases)
Debt securities	171,307	Least Square Monte Carlo Simulation	Volatility: 18.32%-36.39%	Fair value increases (decreases) when volatility increases (decreases)
		("LSMC")		

(In millions of Korean won)	Fair value 2022	Valuation techniques Discount Model	Range of significant unobservable inputs	Relationship between significant unobservable inputs and fair value volatility increases
		and Binomial Trees		(decreases), growth rate increases (decreases) or liquidation value increases (decreases)
Financial assets at fair value through other comprehensive income	157,313			
Equity securities	157,313	Net Asset Value Method, Free Cash Flow Equity Model, Dividend Discount Model, Comparable Company Analysis, DCF Model and others	Value of underlying assets Discount rate: 3.48%-76.75% Volatility: 15.87%-59.30% Growth rate: 0.00%-1.00% Liquidation value: 0.00%	Fair value increases (decreases) when value of underlying assets increases (decreases), discount rate decreases (increases), volatility increases (decreases), growth rate increases (decreases) or liquidation value increases (decreases)
Loans receivables at FVTPL	62,105			
Hybrid (combined) instruments	62,105	Binomial Trees, LSMC and DCF Model	Volatility: 3.46%-45.09% Discount rate: 4.72%-20.12%	Fair value increases (decreases) when volatility increases (decreases) or discount rate decreases (increases)
Derivative assets	955	Binomial Trees and LSMC	Volatility: 0.00%-99.00% Correlation coefficient:-0.99- 0.99	Fair value increases (decreases) when volatility increases (decreases), discount rate decreases (increases) or correlation coefficient increases (decreases)
Financial liability	504.400			Estavalus in an esta
Financial liabilities at FVTPL	584,160	Hull & White Model and LSMC	Volatility: 0.00%-99.00% Correlation coefficient: -0.99- 0.99	Fair value increases (decreases) when volatility increases (decreases) or correlation coefficient increases (decreases)
Derivative liabilities	45,855	Binomial Trees and LSMC	Volatility: 0.00%-99.00% Discount rate: 2.90%-3.20% Correlation coefficient: -0.99- 0.99	Fair value increases (decreases) when volatility increases (decreases), discount rate decreases (increases) or correlation coefficient increases (decreases)

The following table shows the sensitivity analysis to disclose the effect of reasonably possible alternative assumptions on the fair value of Level 3 financial instruments for each of the two years in the period ended December 31, 2023:

(In millions of Korean won)	2023							
	Р	Profit (loss) for the year				compreh	ensiv	e income
	Favourable changes		Unfavourable changes		Favourable changes			vourable anges
Financial assets:								
Financial assets at FVTPL <sup>1, 5</sup> Financial assets at fair value through other	₩	4,842	₩	(3,974)	₩	-	₩	-
comprehensive income <sup>1</sup> Loans receivables at		-		-		3,334		(1,928)
FVTPL <sup>2</sup>		351		(347)		-		-
Derivative assets <sup>3</sup>		39		(53)		-		-
Financial liabilities: Financial liabilities at								
FVTPL <sup>4</sup>		(144)		202		-		-
Derivative liabilities <sup>3</sup>		6,872		(6,917)		-		-
	₩	11,960	₩	(11,089)	₩	3,334	₩	(1,928)

<sup>1</sup> Fair value changes of securities are calculated by increasing or decreasing growth rate (0% - 1%) and discount rate (-1% - 1%) or liquidation value (-1% - 1%) and discount rate (-1% - 1%). The growth rate, discount rate and liquidation value are major unobservable inputs.

<sup>2</sup> For convertible private bonds, changes in their fair value are calculated by decreasing the stock price (-20% - 20%), product price and others (-20% - 20%), and increasing or decreasing the interest rate (-2%p - 2%p), value of Korean won (-10% - 10%) and credit premium (additional interest rate) (-5%p - 5%p).

<sup>3</sup> Changes in the fair value are calculated by increasing or decreasing 10% of KRW Swaption volatility that is a significant unobservable input variable related to Callable IRS.

<sup>4</sup> Fair value changes of financial liabilities designated as at FVTPL are calculated by increasing or decreasing volatility (-10% - 10%) and discount rate (-1% - 1%), which are unobservable input variables.

<sup>5</sup> Beneficiary certificates and some contributions were excluded because it was practically impossible to calculate sensitivity due to changes in input variables.

(In millions of Korean won)	2022							
	Profit (loss) for the year				Other comprehensive income			
		vourable hanges		favourable changes		ourable anges		avourable hanges
Financial assets:								
Financial assets at FVTPL <sup>1, 5</sup> Financial assets at fair value through other	₩	7,074	₩	(5,859)	₩	-	₩	-
comprehensive income <sup>1</sup> Loans receivables at		-		-		6,558		(3,240)
FVTPL <sup>2</sup>		849		(709)		-		-
Derivative assets <sup>3</sup>		3		4		-		-
Financial liabilities: Financial liabilities at								
FVTPL <sup>4</sup>		25		(18)		-		-
Derivative liabilities <sup>3</sup>		6,277		(6,282)		-		-
	₩	14,228	₩	(12,864)	₩	6,558	₩	(3,240)

<sup>1</sup> Fair value changes of securities are calculated by increasing or decreasing growth rate (0% - 1%) and discount rate (-1% - 1%) or liquidation value (-1% - 1%) and discount rate (-1% - 1%). The growth rate, discount rate and liquidation value are major unobservable inputs.

<sup>2</sup> For convertible private bonds, changes in their fair value are calculated by decreasing the stock price (-20% - 20%), product price and others (-20% - 20%), and increasing or decreasing the interest rate (-2%p - 2%p), value of Korean won (-10% - 10%) and credit premium (additional interest rate) (-5%p - 5%p).

<sup>3</sup> Changes in the fair value are calculated by increasing or decreasing 10% of KRW Swaption volatility that is a significant unobservable input variable related to Callable IRS.

<sup>4</sup> Fair value changes of financial liabilities designated as at FVTPL are calculated by increasing or decreasing volatility (-10% - 10%) and discount rate (-1% - 1%), which are unobservable input variables.

<sup>5</sup> Beneficiary certificates and some contributions were excluded because it was practically impossible to calculate sensitivity due to changes in input variables.

Changes in Level 3 financial instruments subsequently measured at fair value for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)			2023			
	Financial assets at FVTPL	Financial assets at fair value through other comprehen sive income	Loans receivables at FVTPL	Derivative assets	Derivative liabilities	Financial liabilities at FVTPL
Beginning balance Total profit or loss: Amount recognized in	₩ 1,514,228	₩ 157,313	₩ 62,105	₩ 955	₩ 45,855 ₩	584,160
profit or loss <sup>1</sup> Amount recognized in other comprehensive	24,409	-	(2,903)	6,239	(13,707)	38,313
income	-	(9,100)	-	-	-	303
Purchases	539,817	276	-	3,541	7,603	1,894,978
Sales Other changes: Transfer into other levels <sup>2</sup>	(342,521) (8,535)	(33)	(7,952)	(889)	(1,417)	(1,587,041)
Reclassification	(283,921)	-	-	-	-	-
Ending balance	₩ 1,443,477	₩ 148,456	₩ 51,250	₩ 9,846	₩ 38,334 ₩	930,713

<sup>1</sup> In relation to changes in Level 3 of the fair value hierarchy, total gains or losses recognized in profit or loss for the year and total gains or losses for the period included in profit or loss for financial instruments held at the end of the reporting period in the consolidated statement of comprehensive income for the year ended December 31, 2023, are as follows:

(In millions of Korean won)	as	nancial sets at VTPL	rece	oans ivables FVTPL	Deriv	vatives	liat	nancial bilities at FVTPL		Total
Profit(loss) for the year Change in unrealized	₩	24,409	₩	(2,903)	₩	19,946	₩	(38,313)	₩	3,139
gain(loss)		27,882		(1,289)		19,933		(9,266)		37,260

<sup>2</sup> It moved from Level 3 to Level 1 due to listing of equity securities during the year ended December 31, 2023.

### 6. FINANCIAL ASSETS AND FINANCIAL LIABILITIES: (cont'd)

(In millions of Korean won)					2022					
	Financial assets at FVTPL	a: fa t co	inancial ssets at ir value hrough other mprehen sive ncome	rec	Loans eivables FVTPL		rivative ssets		erivative abilities	Financial liabilities at FVTPL
Beginning balance Total profit or loss: Amount recognized in	₩ 1,393,898	₩	169,597	₩	66,565	₩	1,346	₩	3,862 ₩	92,201
profit or loss <sup>1</sup> Amount recognized in other comprehensive	(27,946)		-		(11,641)		(382)		41,147	9,535
income	-		(10,026)		-		-		-	102
Purchases	471,921		2,775		7,495		-		855	928,281
Sales Other changes: Transfer into other levels <sup>2</sup>	(324,759) (3,537)		(33)		(314)		-		-	(445,959) -
Reclassification	4,651		(5,000)		-		(9)		(9)	
Ending balance	₩ 1,514,228	₩	157,313	₩	62,105	₩	955	₩	45,855 ₩	584,160

<sup>1</sup> In relation to changes in Level 3 of the fair value hierarchy, total gains or losses recognized in profit or loss for the year and total gains or losses for the period included in profit or loss for financial instruments held at the end of the reporting period in the consolidated statement of comprehensive income for the year ended December 31, 2022, are as follows:

(In millions of Korean won)	as	nancial ssets at FVTPL	rece	oans eivables FVTPL	Deri	ivatives	liabi	ancial ilities at VTPL		Total
Loss for the year Change in unrealized	₩	(27,946)	₩	(11,641)	₩	(41,529)	₩	(9,535)	₩	(90,651)
gain(loss)		(20,632)		(11,641)		(41,529)		2,928		(70,874)

<sup>2</sup> It moved from Level 3 to Level 1 due to listing of equity securities during the year ended December 31, 2022.

(d) Fair Value Hierarchy Classifications of the Financial Instruments that are not Subsequently Measured at Fair Value

Fair value hierarchy classifications of the financial instruments that are subsequently not measured at fair value as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)				20				
		Level 1		Level 2		Level 3		Total
Financial assets:								
Cash and deposits	₩	512,895	₩	4,846,215	₩	-	₩	5,359,110
Loans and receivables		-		124,561		112,653,974		112,778,535
Financial assets at amortized								
cost		1,115,554		7,940,819		-		9,056,373
	₩	1,628,449	₩	12,911,595	₩	112,653,974	₩	127,194,018
Financial liabilities:								
Deposit liabilities	₩	-	₩	17,605,094	₩	89,203,508	₩	106,808,602
Borrowings		1,465,285		1,732,782		5,573,424		8,771,491
Debentures		-		13,026,872		-		13,026,872
Other financial liabilities		-		-		4,744,441		4,744,441
	₩	1,465,285	₩	32,364,748	₩	99,521,373	₩	133,351,406
					~~			
(In millions of Korean won)		1			22	Laural 0		Tatal
(In millions of Korean won)		Level 1		20 Level 2	22	Level 3		Total
(In millions of Korean won) Financial assets:		Level 1			22	Level 3		Total
· · · · · · · · · · · · · · · · · · ·	₩	Level 1 644,249	₩		• <b>22</b>	Level 3	₩	<b>Total</b> 6,212,882
Financial assets: Cash and deposits Loans and receivables	₩		₩	Level 2		Level 3 - 106,949,319	₩	
Financial assets: Cash and deposits	₩	644,249	₩	Level 2 5,568,633		-	₩	6,212,882 106,952,579
Financial assets: Cash and deposits Loans and receivables				Level 2 5,568,633 3,260 8,401,924	₩	- 106,949,319 -		6,212,882 106,952,579 8,783,170
Financial assets: Cash and deposits Loans and receivables Financial assets at amortized	₩	644,249	₩	Level 2 5,568,633 3,260		-	₩	6,212,882 106,952,579
Financial assets: Cash and deposits Loans and receivables Financial assets at amortized	₩	644,249 - <u>381,246</u>		Level 2 5,568,633 3,260 8,401,924	₩	- 106,949,319 -		6,212,882 106,952,579 8,783,170
Financial assets: Cash and deposits Loans and receivables Financial assets at amortized cost Financial liabilities: Deposit liabilities		644,249 - <u>381,246</u> 1,025,495		Level 2 5,568,633 3,260 8,401,924 13,973,817 18,167,248	₩	106,949,319 - 106,949,319 83,252,217		6,212,882 106,952,579 <u>8,783,170</u> 121,948,631 101,419,465
Financial assets: Cash and deposits Loans and receivables Financial assets at amortized cost Financial liabilities: Deposit liabilities Borrowings	₩	644,249 - <u>381,246</u>	₩	Level 2 5,568,633 3,260 8,401,924 13,973,817 18,167,248 1,134,360	₩	- 106,949,319 - 106,949,319	₩	6,212,882 106,952,579 <u>8,783,170</u> 121,948,631 101,419,465 7,626,096
Financial assets: Cash and deposits Loans and receivables Financial assets at amortized cost Financial liabilities: Deposit liabilities Borrowings Debentures	₩	644,249 - <u>381,246</u> 1,025,495	₩	Level 2 5,568,633 3,260 8,401,924 13,973,817 18,167,248 1,134,360 12,032,936	₩	- 106,949,319 - <u>106,949,319</u> 83,252,217 6,132,812 -	₩	6,212,882 106,952,579 <u>8,783,170</u> 121,948,631 101,419,465 7,626,096 12,032,936
Financial assets: Cash and deposits Loans and receivables Financial assets at amortized cost Financial liabilities: Deposit liabilities Borrowings	₩	644,249 - <u>381,246</u> 1,025,495	₩	Level 2 5,568,633 3,260 8,401,924 13,973,817 18,167,248 1,134,360	₩	106,949,319 - 106,949,319 83,252,217	₩	6,212,882 106,952,579 <u>8,783,170</u> 121,948,631 101,419,465 7,626,096

The valuation techniques and input variables of Level 2 financial instruments, subsequently not measured at fair value, as of December 31, 2023 and 2022 are as follows. The valuation techniques and inputs variables are not disclosed for the items that the carrying amounts are disclosed at fair value as the carrying amounts are considered to be the reasonable approximation of the fair value.

(In millions of Korean won)	Fair v	value	Valuation			
	2023	2022	techniques	Input variables		
Financial assets: Debt securities	₩ 7,940,819	₩ 8,401,924	DCF Model	Discount rate		
Financial liabilities: Deposit liabilities Borrowings Debentures	<ul><li>₩ 17,605,094</li><li>1,732,782</li><li>13,026,872</li></ul>	₩ 18,167,248 1,134,360 12,032,936	DCF Model DCF Model DCF Model	Discount rate Discount rate Discount rate		

The valuation techniques and input variables of Level 3 financial instruments, subsequently not measured at fair value, as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)		Fair v	alue		Valuation			
		2023		2022	techniques	Input variables		
Financial assets:						Discount asta		
Loans and receivables	₩	112,645,193	₩	106,949,319	DCF Model	Discount rate and early repayment rate		
Deposit liabilities Borrowings Other financial liabilities	₩	89,203,508 5,573,424 4,744,441	₩	83,252,217 6,132,812 3,261,769	DCF Model DCF Model DCF Model	Discount rate Discount rate Discount rate		

#### (e) Transfer of Financial Assets

The Group holds securities sold under repurchase and securities lending arrangements, and such transactions have resulted in transfer of financial assets. However, they have been recorded in the financial statements since the assets did not meet the removal criteria. In case of securities sold under repurchase agreements, the Group sells the assets to another party with a commitment to buy the assets back at a specified price. Loaned securities will be returned at the end of security lending agreement. Hence, the Group retains substantially all the risks and rewards of ownership of the financial assets.

Details of book amounts of transferred assets and relevant liabilities as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)		20	23		2022						
		ok amount ransferred assets	0	ok amount f related iabilities		ok amount transferred assets	c	Book amount of related liabilities			
Securities sold under repurchase agreement Loaned securities Liguidated financial assets	₩	2,352,065 1,520,342 642,590	₩	2,468,344 - 683,434	₩	878,290 1,638,116 633.047	₩	726,761 - 683,932			
Liquidated intancial assets	₩	4,514,997	₩	3,151,778	₩	,	₩	,			
	٧V	4,514,997	٧V	5,151,770	٧V	3,149,453	٧V	1,410,693			

#### (f) Offsetting financial instruments:

Details of financial instruments that are set off and subject to an enforceable master netting arrangement or similar agreement as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)						2023							
		Gross	an	Gross nounts of		amounts of icial assets		Non-offsett	ing	amount			
	re	nounts of cognized inancial assets	re f	cognized inancial ilities to be set off	pres cor sta	ented in the nsolidated tement of cial position	-	inancial struments		Cash collateral received		Net	amount
Derivatives assets	₩	133,689	₩	-	₩	133,689	₩	327.574	₩		_	₩	146.787
Receivable spot exchanges		340,672		-		340,672		527,574	**		-	**	140,707
Bonds purchased under resale agreement Domestic exchange		30,000		-		30,000		30,000			-		-
uncollected		2,146,139		1,951,143		194,996		-			-		194,996
Securities-related receivable		77,148		17,427		59,720		-			-		59,721
	₩	2,727,648	₩	1,968,570	₩	759,077	₩	357,574	₩		-	₩	401,503
(In millions of Korean won)						2023							
		Gross	an	Gross amounts of		amounts of al liabilities		Non-offsett	ing	amount			
	re f	nounts of cognized inancial iabilities	re f as	cognized inancial sets to be set off	pres cor sta	ented in the nsolidated tement of cial position	-	inancial struments		Cash collateral received		Net	amount
Derivatives liabilities	₩	122,132	₩	-	₩	122,132	₩	271.051	₩		_	₩	167.375
						316,294		211,001					101,010
Payable spot exchanges		316,294		-		510,294							
Payable spot exchanges Bonds sold under repurchase agreement		316,294 2,468,344		-		2,468,344		2,468,344			-		-
Bonds sold under repurchase agreement Securities sold				-		,		2,468,344 178,149			-		-
Bonds sold under repurchase agreement		2,468,344		- - 1,951,143		2,468,344		, , -			- -		- - 258,078
Bonds sold under repurchase agreement Securities sold Domestic currency		2,468,344 178,149		- - 1,951,143 17,427		2,468,344 178,149		, , -			- - -		- 258,078 58,434

# 6. FINANCIAL ASSETS AND FINANCIAL LIABILITIES: (cont'd)

(In millions of Korean won)		2022												
		Gross	a	Gross mounts of		amounts of ncial assets		Non-offset	ting an	nount				
	re	mounts of ecognized financial assets	re	ecognized financial pilities to be set off	pres co st	sented in the onsolidated atement of ncial position	-	inancial truments	cc	Cash bllateral eceived	Ne	t amount		
Derivatives assets	₩	168,378	₩	-	₩	168,378	₩	400.388	₩	5.400	₩	134.674		
Receivable spot exchanges Bonds purchased under		372,084		-		372,084		400,000		0,400		104,014		
resale agreement Domestic exchange		360,000		-		360,000		360,000		-		-		
uncollected		2,230,556		1,904,689		325,867		-		-		325,867		
Securities-related receivable		82,454		7,982		74,472		-		-		74,472		
	₩	3,213,472	₩	1,912,671	₩	1,300,801	₩	760,388	₩	5,400	₩	535,013		

(In millions of Korean won)		20										
		Gross	aı	Gross mounts of		amounts of cial liabilities		Non-offset	ting ar	nount		
	re	mounts of ecognized financial liabilities	1	ecognized financial ssets to be set off	col	ented in the nsolidated atement of cial position	Financial instruments		Cash collateral received		Net amount	
Derivatives liabilities	₩	193,980	₩	-	₩	193,980	₩	335.046	₩	16.363	₩	190,731
Payable spot exchanges Bonds sold under		348,160		-		348,160		000,010		10,000		100,101
repurchase agreement		726,761		-		726,761		726,761		-		-
Securities sold Domestic currency		266,502		-		266,502		266,502		-		-
exchange payables		2,050,161		1,904,689		145,472		-		-		145,472
Securities-related payables		57,815		7,982		49,833		-		-		49,833
	₩	3,643,379	₩	1,912,671	₩	1,730,708	₩	1,328,309	₩	16,363	₩	386,036

#### (g) Financial instruments by category

The carrying amounts of financial assets and financial liabilities by each category as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)							
	a	inancial Issets at FVTPL		Financial assets at FVOCI	Financial assets at amortized cost	Derivative assets as hedges	Net amount
Financial assets:							
Cash and deposits	₩	-	₩	-	₩ 5,359,110	₩ -	₩ 5,359,110
Securities at FVTPL		7,223,889		-	-	-	7,223,889
Derivatives assets		-		-	-	133,689	133,689
Loans receivables at							
FVTPL		51,250		-	-	-	51,250
Loans receivables at							
amortized cost		-		-	110,806,624	-	110,806,624
Securities at FVOCI		-		7,187,862	-	-	7,187,862
Securities at amortized							
cost		-		-	9,220,251		9,220,251
	₩	7,275,139	₩	7,187,862	₩ 125,385,985	₩ 133,689	₩139,982,675

(In millions of Korean won)	2023										
	Financial liabilities at FVTPL		Financial liabilities at FVOCI		Financial liabilities at amortized cost		Derivative liabilities as hedges		Net amount		
Financial Liabilities:											
Deposit liabilities Financial liabilities at	₩	-	₩	-	₩ 106,761,2	34	₩	-	₩106,761,234		
FVTPL	17	78,149		930,713		-		-	1,108,862		
Borrowings		-		-	8,815,8	76		-	8,815,876		
Debentures		-		-	13,035,4	10		-	13,035,410		
Derivative liabilities		-		-		-	122,13	2	122,132		
Others <sup>1</sup>		-		-	4,742,4	53		-	4,742,453		
	₩ 17	78,149	₩	930,713	₩ 133,354,9	73	₩ 122,13	2	₩134,585,967		

<sup>1</sup> Other financial liabilities include accounts payables and accrued expenses.

# 6. FINANCIAL ASSETS AND FINANCIAL LIABILITIES: (cont'd)

				202	22				
a	Financial assets at FVTPL		Financial Financial assets at assets at amortized FVOCI cost		s at ized	Derivative assets as hedges		Net amount	
₩	-	₩	-	₩ 6,2	12,882	₩	-	₩	6,212,882
	4,954,903		-		-		-		4,954,903
	-		-		-		168,679		168,679
	62,105		-		-		-		62,105
	-		-	106,2	17,007		-	10	06,217,007
	-		5,093,086		-		-		5,093,086
			-	9,2	34,752		-		9,234,752
₩	5,017,008	₩	5,093,086	₩ 121,6	64,641	₩	168,679	₩13	31,943,414
	₩ 	assets at FVTPL ₩ - 4,954,903 - 62,105 - -	assets at a FVTPL ↔ 4,954,903 · 62,105 · -	assets at FVTPL     assets at FVOCI       ₩     -       4,954,903     -       -     -       62,105     -       -     -       -     -       -     -       -     -       -     -       -     -       -     -       -     -       -     -       -     -       -     -	Financial       Financial       asset         assets at       assets at       assets at       amort         FVTPL       FVOCI       cost         ₩       -       ₩       -       ₩       6,2         4,954,903       -       -       -       62,105       -         62,105       -       -       106,2       -       106,2         -       5,093,086       -       -       9,2	Financial assets at FVTPL       Financial assets at FVOCI       assets at amortized cost         ₩       -       ₩       -       ₩       6,212,882         4,954,903       -       -       -       -         62,105       -       -       -       -         62,105       -       106,217,007       -       -         -       -       -       9,234,752       -	Financial assets at assets at FVTPL       Financial assets at assets at assets at assets at FVTPL       FVOCI       Financial assets at assets at cost       Demonstrate assets at asset as at asstas at asstas at assets at assets at assets at assets	Financial assets at FVTPL       Financial assets at FVOCI       Financial assets at amortized assets as hedges         ₩       -       ₩       -       ₩       6,212,882       ₩       -         4,954,903       -       -       -       -       -       -         62,105       -       -       -       106,217,007       -         -       5,093,086       -       -       -         -       -       9,234,752       -       -	Financial assets at assets as       Derivative assets as assets as assets as cost hedges       Ne         ₩       -       ₩       -       ₩       6,212,882       ₩       -       ₩         4,954,903       -       -       -       168,679       -       -       -         62,105       -       -       106,217,007       -       10         -       5,093,086       -       -       -       -         -       -       9,234,752       -       -

(In millions of Korean won)			2022		
	Financial Financial liabilities at liabilities FVTPL at FVOCI		Financial liabilities at amortized cost	Derivative liabilities as hedges	Net amount
Financial Liabilities: Deposit liabilities Financial liabilities at	₩ -	.₩-	₩ 101,470,361	₩ -	₩101,470,361
FVTPL	266,502	584,160	-	-	850,662
Borrowings	-	-	7,716,089	-	7,716,089
Debentures	-	-	12,145,457	-	12,145,457
Derivative liabilities	-	-	-	194,189	194,189
Others <sup>1</sup>			3,264,680		3,264,680
	₩ 266,502	₩ 584,160	₩ 124,596,587	₩ 194,189	₩125,641,438

<sup>1</sup> Other financial liabilities include accounts payables and accrued expenses.

### 7. CASH AND DUE FROM BANKS:

Cash and cash equivalents as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)		2022		
Cash and cash equivalents:				
Cash	₩	404,308	₩	490,733
Foreign currencies		108,587		153,516
Due from the Bank of Korea		3,191,639		4,484,111
Time deposits		372,487		224,446
Other deposits		310,735		114,045
Deposits in foreign currencies		582,704		427,880
	₩	4,970,460	₩	5,894,731

The cash and cash equivalents above are the same as the cash and cash equivalents in the consolidated cash flow statements.

Due from banks in local currency and foreign currencies as of December 31, 2023 and 2022 consists of the following:

(In millions of Korean won)	Financial institution	2023			2022		
Due from banks in local currency: Due from consigned	Korea Exchange ("KRX")	₩	44.050		57.000		
transaction	5 ( )	vv	41,259	₩	57,030		
Others	Woori Bank and others		274,523		206,303		
			315,782		263,333		
Due from banks in foreign currencies:			,		,		
Offshore due from banks	Wells Fargo		1.286		1,266		
<b>O</b> //	The People's Bank of		-,		- ,		
Others	China and others		71,582		53,552		
			72,868		54,818		
		₩	388,650	₩	318,151		

# 7. CASH AND DUE FROM BANKS: (cont'd)

Restricted cash and due from banks as of December 31, 2023 and 2022 consist of the following:

(In millions of Korean won) Cash and cash equivalents	Financial institution		2023		2022	Reason for restriction		
Reserve deposits in Korean won	The BOK	₩	3,514,050	₩	4,399,794	Article 55 of the Bank of Korea Act		
Reserve deposits in foreign currencies	The BOK				84,317	Article 55 of the Bank of Korea Act		
Demand deposits in foreign currencies	The State Bank of Vietnam		8,724		3,463	Payment reserves		
Other deposits in Foreign Currencies	The State Bank of Vietnam	_	517	-		Payment reserves		
		_	3,606,172	-	4,488,016			
Due from banks								
Due from banks in Korean won	Securities Finance		157,463		67,110	Deposits from investors and others		
			55,696		10,095	Reserve deposits and others		
	Korea Securities Depository and others		140		44,453	Deposits to performance guarantees Collective fund for		
	KRX and others		56,192		44,002	default losses and others		
	Seoul Guarantee Insurance Company		66		-	Collateral for provisional attachment		
			269,557		165,660			
Due from banks in foreign currencies	KRX and others		8,617		5,092	Reserve deposits and others		
	The People's Bank of China and others		6,169		13,112	Reserve deposits for overseas affiliates and others		
			14,786		18,204			
		₩	3,890,515	₩	4,671,880			

### 8. FINANCIAL ASSETS AT FVTPL:

Financial assets at FVTPL as of December 31, 2023 and 2022 consist of the following:

(In millions of Korean won)		2023		2022
Equity securities	₩	355,989	₩	245,322
Government and public bonds		405,953		181,384
Finance bonds		747,157		210,501
Corporate bonds		3,060,065		1,655,601
Other debt securities		553,250		636,812
Beneficiary certificates		1,322,524		1,304,083
Others		778,951		721,200
	₩	7,223,889	₩	4,954,903

# 9. FINANCIAL ASSETS AT FVOCI:

Financial assets at fair value through other comprehensive income as of December 31, 2023 and 2022 consist of the following:

(In millions of Korean won)		2023	2022		
Equity securities <sup>1</sup> :					
Stock	$\mathbf{W}$	158,192	₩	165,079	
Investment and others		980		980	
		159,172		166,059	
Debt securities:					
Government and public bonds		2,219,638		1,063,015	
Finance bonds		942,839		650,308	
Corporate bonds		2,442,873		1,837,042	
Loans in securities		1,423,340		1,376,662	
		7,028,690		4,927,027	
	₩	7,187,862	₩	5,093,086	

<sup>1</sup> The above equity securities are held for strategic purposes rather than short-term trading and designated as financial assets at fair value through other comprehensive income, accordingly.

# 9. FINANCIAL ASSETS AT FVOCI: (cont'd)

Changes in the carrying amounts of debt securities among financial assets at fair value through other comprehensive income for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)							
		Twelve months'		ime exp los:			
		expected edit losses	Unrecognized impairment		Recognized impairment	_	Total
Beginning balance	₩	4,927,027	₩	-	₩ .	- ₩	4,927,027
Acquisition		3,902,629		-		-	3,902,629
Repayment/Disposal		(1,984,789)		-		-	(1,984,789)
Loss on valuation of fair value		174,317		-		-	174,317
Amortization of effective interest		7,315		-		-	7,315
Exchange differences		2,191					2,191
Ending balance	₩	7,028,690	₩	-	₩	- ₩	7,028,690

(In millions of Korean won)	2022								
		Twelve months'	Lifet	ime exp los:	ected credit ses				
	expected credit losses		Unrecognized impairment		Recognized impairment			Total	
Beginning balance	₩	4,968,436	₩	-	₩	-	₩	4,968,436	
Acquisition		646,604		-		-		646,604	
Repayment/Disposal		(551,908)		-		-		(551,908)	
Loss on valuation of fair value		(143,449)		-		-		(143,449)	
Amortization of effective interest		1,073		-		-		1,073	
Exchange differences		7,371		-		-		7,371	
Others		(1,100)		-		-		(1,100)	
Ending balance	₩	4,927,027	₩	-	₩	-	₩	4,927,027	

# 9. FINANCIAL ASSETS AT FVOCI: (cont'd)

Dividend income recognized from equity securities designated as an item measured at fair value through other comprehensive income for each of the two years in the period ended December 31, 2023 is as follows:

(In millions of Korean won)		20	23		2022				
	Derecognized equity se securities		secu	Equity securities on hand		Derecognized equity securities		Equity securities on hand	
General stocks:									
Marketable stocks	₩	-	₩	-	₩	-	₩	-	
Non-marketable stocks		402		3,871		3,442		877	
	₩	402	₩	3,871	₩	3,442	₩	877	

Derecognized equity securities at fair value through other comprehensive income for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)		20	23		2022					
	Disposal		Accumulated gain (loss) on valuation at disposal date		Disposal		Accumulated gain (loss) on valuation at disposal date			
General stocks <sup>1</sup> :										
Marketable stocks	₩	-	₩	-	₩	-	₩	-		
Non-marketable stocks		(77)		(89)		38		38		
	₩	(77)	₩	(89)	₩	38	₩	38		

<sup>1</sup> The disposal is due to the retirement of shares without consideration as a result of the authorization for rehabilitation of the investee company.

# 10. FINANCIAL ASSETS AT AMORTIZED COST:

Financial assets at amortized cost as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)	2023			2022		
Debt securities:						
Government and public bonds	₩	4,073,102	₩	3,784,460		
Finance bonds		977,143		1,014,863		
Corporate bonds		4,076,291		4,177,017		
Loans in securities		97,003		261,454		
Provision for impairment		(3,288)		(3,042)		
	₩	9,220,251	₩	9,234,752		

Changes in the carrying amounts of financial assets at amortized cost for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)	2023							
		Twelve months'	Lifetime expected credit losses					
		expected edit losses	Unreco impair	-	Recognized impairmen			Total
Beginning balance	₩	9,237,794	₩	-	₩	-	₩	9,237,794
Acquisition		1,372,245		-		-		1,372,245
Repayment/Disposal		(1,432,382)		-		-		(1,432,382)
Amortization of effective interest		43,038		-		-		43,038
Exchange differences		3,089		-		-		3,089
Others		(246)		-		-		(246)
Ending balance	₩	9,223,538	₩	-	₩	-	₩	9,223,538

(In millions of Korean won)	2022							
	Twelve months'	Lifetime exp loss						
	expected credit losses	Unrecognized impairment	Recognized impairment	Total				
Beginning balance	₩ 8,737,865	₩ -	₩ -	₩ 8,737,865				
Acquisition	2,528,943	-	-	2,528,943				
Repayment/Disposal	(2,063,350)	-	-	(2,063,350)				
Amortization of effective interest	29,338	-	-	29,338				
Exchange differences	5,318	-	-	5,318				
Others	(320)	-		(320)				
Ending balance	₩ 9,237,794	₩ -	₩ -	₩ 9,237,794				

# 11. ASSETS PROVIDED AS COLLATERAL:

The investments in financial assets provided as collateral as of December 31, 2023 and 2022 consist of the following:

(In millions of Korean won)			Face value	
	Provided to		2023	Reason
Financial assets at FVTPL	Korea Securities Depository	₩	1,841,540	Sold under repurchase agreements
	Korea Securities Finance Corp and others		478,253	Lending transaction
	Korea Securities Finance Corp		86	Margin loans
	Korea Investment & Securities and others		52,361	OTC derivatives transaction
Financial assets at fair value	Korea Securities Depository		164,731	Sold under repurchase agreements
through other	KRX		14,548	Substitute securities
comprehensive income	Nomura Finance Investment and others		27,785	Sold under repurchase agreements
	Bank of Korea		619,607	Borrowing collateral and overdraft and settlement
	Standard Chartered Bank and others		38,241	Collateral for OTC derivatives
	Societe Generale Bank		19,186	Collateral for Credit Support Annex
Financial assets at amortized	Korea Securities Depository		318,009	Sold under repurchase agreements
cost	Bank of Korea		2,156,085	Borrowing collateral and overdraft and settlement
	Korea Securities Depository		101	Collective fund for default losses
	Standard Chartered Bank and others		73,769	Foreign borrowings, Collateral for Credit Support Annex and others
	Eugene Investment & Futures Co., Ltd. and		8,721	Margin for futures and others
	others		0,721	พลเราทาง เน่นเธร สาน งเทยาร
		₩	5,813,023	

# 11. ASSETS PROVIDED AS COLLATERAL: (cont'd)

(In millions of Korea	an won)		Face value	
	Provided to		2022	Reason
Financial assets at FVTPL	Korea Securities Depository	₩	381,233	Sold under repurchase agreements
	Korea Securities Finance Corp and others		334,452	Lending transaction
	Korea Securities Finance Corp		167	Margin loans
	Korea Investment & Securities and others		70,459	OTC derivatives transaction
Financial assets at fair value	Korea Securities Depository		140,035	Sold under repurchase agreements
through other	KRX		4,467	Substitute securities
comprehensive income	Nomura Finance Investment and others		28,587	Sold under repurchase agreements
	Bank of Korea		253,300	Borrowing collateral and overdraft and settlement
	Sumitomo Mitsui Banking Corporation		9,713	Foreign borrowings
	Standard Chartered Bank and others		69,448	Collateral for OTC derivatives
	Societe Generale Bank		10,312	Collateral for Credit Support Annex
Financial assets at amortized	Korea Securities Depository		328,435	Sold under repurchase agreements
cost	Bank of Korea		2,019,201	Borrowing collateral and overdraft and settlement
	Korea Securities Depository		81	Collective fund for default losses
	Standard Chartered Bank and others		115,961	Foreign borrowings, Collateral for Credit Support Annex and others
	Eugene Investment & Futures Co., Ltd. and		4,965	Margin for futures and others
	others			
		₩	3,770,816	

# 11. ASSETS PROVIDED AS COLLATERAL: (cont'd)

Details of the land and building provided by the Group as collateral for the leasehold deposits as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)	2023						
	Secured assets	Carryi	ng amount		Maximum amount		
Property and equipment	Land	₩	15,293				
	Building		10,853				
		₩	26,146	₩	1,460		
Investment properties	Land	₩	25,069	vv	1,400		
	Building		3,933				
		₩	29,002				

(In millions of Korean won)	2022						
	Secured assets	Carryi	ng amount		Maximum amount		
Property and equipment	Land	₩	11,365				
	Building		10,650				
		₩	22,015	₩	1,460		
Investment properties	Land	₩	28,997	vv	1,400		
	Building		4,389				
		₩	33,386				

Details of the land and building provided by the Group as collateral for the loans as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)	2023						
	Secured assets	Carrying amount			Maximum amount		
Property and equipment	Land	₩	104,608				
	Building		39,509				
		₩	144,117	₩	482,760		
Investment properties	Land	₩	365,844	vv	402,700		
	Building		129,384				
		₩	495,228				

# 11. ASSETS PROVIDED AS COLLATERAL: (cont'd)

(In millions of Korean won)	2022						
	Secured assets	Carry	ing amount		Maximum amount		
Property and equipment	Land	₩	97,672				
	Building		41,218				
		₩	138,890	₩	492 760		
Investment properties	Land	₩	372,780	vv	482,760		
	Building		134,347				
		₩	507,127				

# 12. LOANS AND RECEIVABLES:

Loans and receivables as of December 31, 2023 and 2022 consist of the following:

(In millions of Korean won)	of Korean won) 2023			2022				
	Amortized			Amortized				
	cost	Fair value	Total	cost	Fair value	Total		
Loans receivable:								
Loans in Korean won:								
Corporates	₩ 68,761,025	₩ -	₩ 68,761,025	₩ 65,649,093	₩ -	₩ 65,649,093		
Household	34,983,108	-	34,983,108	32,075,684	-	32,075,684		
Public sector and others	2,211,975	-	2,211,975	1,954,155	-	1,954,155		
Interbank loans	96,170	-	96,170	96,573	-	96,573		
	106,052,278	-	106,052,278	99,775,505	-	99,775,505		
Loans in foreign currencies	1,550,754		1,550,754	1,824,291	_	1,824,291		
Call loans	486,142	-	486,142	824,373	-	824,373		
Bills bought in local currency	980	-	980	31,639	-	31,639		
Bills bought in foreign								
currencies	153,661	-	153,661	195,690	-	195,690		
Advances for customers	1,834	-	1,834	1,020	-	1,020		
Credit card receivables	846,549	-	846,549	842,558	-	842,558		
Bonds purchased under								
repurchase agreement	30,000	-	30,000	360,000	-	360,000		
Privately placed bonds	609,540	51,250	660,790	806,468	62,105	868,573		
Finance lease receivables	461,909	-	461,909	489,573	-	489,573		
Installment financing								
receivables	441,129		441,129	417,415		417,415		

# 12. LOANS AND RECEIVABLES: (cont'd)

	110,634,776	51,250	110,686,026	105,568,532	62,105	105,630,637
Provision for impairment of loans receivable <sup>1</sup>	(1,471,567)	-	(1,471,567)	(1,042,558)	-	(1,042,558)
Deferred loan origination fees	(12,677)	-	(12,677)	(11,212)	-	(11,212)
Deferred loan origination costs	181,182		181,182	184,570		184,570
	109,331,714	51,250	109,382,964	104,699,332	62,105	104,761,437
Receivables:						
Suspense payments	2,466	-	2,466	1,331	-	1,331
Non-trade receivable <sup>2</sup>	496,492	-	496,492	534,601	-	534,601
Domestic exchange settlement debits	194,996	-	194,996	325,867	-	325,867
Guarantee deposits provided	252,111	-	252,111	255,056	-	255,056
Accrued income	601,327	-	601,327	485,441	-	485,441
Deposits under regulation	2,556	-	2,556	616	-	616
Bills unsettled	812	-	812	104	-	104
Other	173		173	110		110
	1,550,933		1,550,933	1,603,126		1,603,126
Provision for impairment of receivables <sup>2</sup>	(65,460)	-	(65,460)	(73,755)	-	(73,755)
Present value discounts (leasehold deposits provided)	(10,563)		(10,563)	(11,696)		(11,696)
	1,474,910		1,474,910	1,517,675		1,517,675
Loans and receivables	₩ 110,806,624	₩ 51,250	₩ 110,857,874	₩ 106,217,007	₩ 62,105	₩ 106,279,112

<sup>1</sup> Includes present value discounts of ₩352 million and present value premium of ₩1,424 million as of December 31, 2023, and present value discounts of ₩6 million and present value premium of ₩518 million as of December 31, 2022, respectively.

<sup>2</sup> Due to the embezzlement of its employee that occurred in the period prior to the year ended December 31, 2023, the Group recognized receivables from illegal acts of W65,651 million and W65,651 million as of December 31, 2023 and 2022, respectively. Additionally, the Group established allowance for bad debts of W52,621 million and W65,651 million as of December 31, 2023 and 2022, respectively.

# 12. LOANS AND RECEIVABLES: (cont'd)

The changes in the carrying amounts of loans and receivables for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)	2023						
	Twelve months'	Lifetime exp los					
	expected credit losses	<b>v</b>		Total			
Beginning balance Transfer to 12 months' expected credit losses of financial	₩ 90,934,001	₩ 15,804,340	₩ 594,978	₩ 107,333,319			
assets Transfer to expected lifetime	3,077,543	(3,065,393)	(12,150)	-			
credit losses Transfer to credit-impaired	(6,654,910)	6,674,013	(19,103)	-			
financial assets	(421,327)	(261,717)	683,044	-			
Amortization	-	-	(347,223)	(347,223)			
Disposal	(14,014)	(2,426)	(457,386)	(473,826)			
Exchange differences	(1,014)	-	-	(1,014)			
Net increase	1,424,936	3,977,996	429,463	5,832,395			
Ending balance	₩ 88,345,215	₩ 23,126,813	₩ 871,623	₩ 112,343,651			

(In millions of Korean won)	2022						
	Twelve months'	Lifetime exp los:					
	expected credit losses	Unrecognized impairment	Recognized impairment	Total			
Beginning balance Transfer to 12 months' expected credit losses of financial	₩ 85,276,526	₩ 13,560,548	₩ 612,395	₩ 99,449,469			
assets	3,132,533	(3,130,107)	(2,426)	-			
Transfer to expected lifetime credit losses Transfer to credit-impaired	(4,865,703)	4,894,522	(28,819)	-			
financial assets	(261,733)	(148,033)	409,766	-			
Amortization	-	-	(253,051)	(253,051)			
Disposal	-	(1,369)	(290,341)	(291,710)			
Exchange differences	(6,236)	-	-	(6,236)			
Net increase	7,658,614	628,779	147,454	8,434,847			
Ending balance	₩ 90,934,001	₩ 15,804,340	₩ 594,978	₩ 107,333,319			

# 12. LOANS AND RECEIVABLES: (cont'd)

The changes in deferred loan origination fees and costs for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)	2023							
	Beginning balance		Increase		Decrease		Ending balance	
Deferred loan origination fees Deferred loan origination costs	₩	(11,212) 184,570	₩	(11,616) 111,046	₩	10,150 (114,436)	₩	(12,678) 181,180
C C	₩	173,358	₩	99,430	₩	(104,286)	₩	168,502
(In millions of Korean won)	2022							
	Beginning balance		In	icrease	Decrease		Ending balance	
Deferred loan origination fees Deferred loan origination costs	₩	(6,621) 179,697	₩	(12,108) 114,569	₩	7,518 (109,696)	₩	(11,211) 184,570
	₩	173,076	₩	102,461	₩	(102,178)	₩	173,359

# 13. PROVISION FOR IMPAIRMENT:

Changes in provision for impairment of loans and receivables for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)	2023							
		welve onths'	Lifetime expected credit losses					
	expected credit losses		Unrecognized impairment		Recognized impairment		Total	
Beginning balance Transfer to 12 months' expected	₩	337,822	₩	456,511	₩	321,980	₩	1,116,313
credit losses of financial assets Transfer to expected lifetime		46,515		(44,233)		(2,282)		-
credit losses Transfer to credit-impaired		(52,434)		57,863		(5,429)		-
financial assets Written off during the year as		(43,189)		(91,954)		135,143		-
uncollectible Decrease in provision due to		-		-		(347,223)		(347,223)
sales of loans Financial assets issued or		(10,810)		(1,781)		(124,455)		(137,046)
acquired Changes from adjustments to		-		-		65,703		65,703
receivables and payables		-		-		(268)		(268)
Exchange differences		24		12		25		61
Other		21		(1)		(14,237)		(14,217)
		277,949		376,417		28,957		683,323
Additional provision for impaired receivables during the year		170,001		303,543		380,160		853,704
Ending balance	₩	447,950	₩	679,960	₩	409,117	₩	1,537,027

### 13. PROVISION FOR IMPAIRMENT: (cont'd)

(In millions of Korean won)		2022								
	Twelve months'		ected credit ses							
	expected credit losses	Unrecognized impairment	Recognized impairment	Total						
Beginning balance Transfer to 12 months' expected	₩ 305,682	₩ 303,769	₩ 222,246	₩ 831,697						
credit losses of financial assets Transfer to expected lifetime	47,841	(47,283)	(558)	-						
credit losses Transfer to credit-impaired	(34,652)	48,090	(13,438)	-						
financial assets Written off during the year as	(33,774)	(52,984)	86,758	-						
uncollectible Decrease in provision due to	-	-	(253,051)	(253,051)						
sales of loans Financial assets issued or	-	(91)	(103,521)	(103,612)						
acquired Changes from adjustments to	-	-	68,691	68,691						
receivables and payables	-	-	(177)	(177)						
Exchange differences	177	66	42	285						
Other	(1,372)		(4,501)	(5,873)						
	283,902	251,567	2,491	537,960						
Additional provision for impaired receivables during the year	53,920	204,944	319,489	578,353						
Ending balance	₩ 337,822		₩ 321,980	₩ 1,116,313						

The percentage of provision for impairment of loans and receivables as of December 31, 2023 and 2022 is as follows:

(In millions of Korean won)		2023	2022		
Loans and receivables	₩	112,343,651 ₩	107,333,319		
Provision for impairment		1,537,027	1,116,313		
Percentage of provision for impairment (%)		1.37%	1.04%		

### 13. PROVISION FOR IMPAIRMENT: (cont'd)

Changes in provision for impairment for financial assets at fair value through other comprehensive income for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)	2023								
	Twelve months'		Lifet	Lifetime expected credit losses					
		pected it losses	Unreco impai	-	Recogniz impairme			Total	
Beginning balance Decrease in provision from	₩	1,476	₩	-	₩	-	₩	1,476	
sales Contribution to provision for		(12)		-		-		(12)	
impairment		1,215		-		-		1,215	
Ending balance	₩	2,679	₩	-	₩	-	₩	2,679	

(In millions of Korean won)	2022								
	Twelve months'		Lifet	ime exp loss					
	-	pected it losses	Unreco impai	-	Recognized impairment		Total		
Beginning balance Decrease in provision from	₩	1,484	₩	-	₩	- ₩	1,484		
sales Contribution to provision for		(65)		-		-	(65)		
impairment		57		-		-	57		
Ending balance	₩	1,476	₩	-	₩	- ₩	1,476		

### 13. PROVISION FOR IMPAIRMENT: (cont'd)

Changes in provision for impairment for securities at amortized cost for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)	Twelve months' expected credit losses		2023 Lifetime expected credit losses					
			Unrecognized impairment		Recognized impairment		٦	Fotal
Beginning balance Contribution to provision for	₩	3,042	₩	-	₩	-	₩	3,042
impairment		246		-		-		246
Ending balance	₩	3,288	₩	-	₩	-	₩	3,288
(In millions of Korean won)				20	22			

(In millions of Korean won)		2022								
	Twelve months' expected credit losses		Lifetime expected credit losses							
			Unrecognized impairment		Recognize impairmen		Total			
Beginning balance Reversal of provision for	₩	3,326	₩	-	₩	- ₩	3,326			
impairment		(284)		-		-	(284)			
Ending balance	₩	3,042	₩		₩	- ₩	3,042			

### 14. FINANCIAL LEASE RECEIVABLES:

Financial lease receivables as of December 31, 2023 and 2022 consist of the following:

(In millions of Korean won)		2023	2022		
Lease receivables	₩	461,909 ₩	489,573		
Provision for impairment		(3,061)	(2,451)		
Deferred origination fees		(569)	(561)		
Deferred origination costs		1,308	316		
	$\mathbf{W}$	459,587 ₩	486,877		

The total investment of finance leases and present value of minimum lease payments as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)		20	23		2022				
	f	Total investment of finance leases		Present value of minimum lease payments		Total investment of finance leases		Present value of minimum lease payments	
One year or less	₩	218,031	₩	196,285	₩	260,620	₩	247,378	
1 year-2 years		134,425		121,018		116,427		109,554	
2 years-3 years		89,832		80,872		77,804		73,211	
3 years-5 years		66,491		59,859		57,588		54,188	
More than 5 years		4,280		3,853		5,547		5,221	
	₩	513,059	₩	461,887	₩	517,986	₩	489,552	

The difference between net investment in finance leases and total investment as of December 31, 2023 and 2022 is as follows:

(In millions of Korean won)		2023	2022		
Total investment of leases	₩	513,059 ₩	517,986		
Net investment in finance leases: Present value of minimum lease payments		461.909	489,573		
Unrealized interest	₩	<u>401,303</u> 51,150 ₩	28,413		

The notional amounts outstanding for derivative contracts as of December 31, 2023 and 2022 are as follows:

(In millions of Korean						
won)	Trading	2023 Hedging	Total	Trading	2022 Hedging	Total
Currency:						
Currency forwards <sup>1</sup> ₩	4,467,188 ₩	- ₩	4,467,188 ₩	3,901,577 ₩	- ₩	3,901,577
Long currency futures <sup>2</sup>	6,447	-	6,447	48,930	-	48,930
Short currency futures <sup>2</sup>	, _	-	-	268,097	-	268,097
Long currency options	923,375	-	923,375	1,155,886	-	1,155,886
Short currency options	949,163	-	949,163	1,257,270	-	1,257,270
	6,346,173		6,346,173	6,631,760		6,631,760
Interest rate:						
Interest rate swaps <sup>1</sup>	2,722,420	392,350	3,114,770	1,559,578	386,825	1,946,403
Interest rate futures <sup>2</sup>	319,177	, -	319,177	173,416		173,416
Interest rate forwards	90,000	-	90,000	_	-	-
	3,131,597	392,350	3,523,947	1,732,994	386,825	2,119,819
Stock:			0,020,011		000,020	
Stock futures <sup>2</sup>	115,586	-	115,586	272,427	-	272,427
Stock options	926	-	926	1,881,358	-	1,881,358
Stock Swaps	111,170	-	111,170	6,971	-	6,971
	227,682		227,682	2,160,756	_	2,160,756
Credit derivatives:						
Credit Swaps	1,344,700	-	1,344,700	1,333,650	-	1,333,650
·	1,344,700		1,344,700	1,333,650	_	1,333,650
Other derivatives: Other derivative			1,011,100	1,000,000		1,000,000
instrument options	143		143		<u>-</u>	
	143		143		-	
₩	11,050,295 ₩	392,350 ₩	11,442,645 ₩	11,859,160 ₩	386,825 ₩	12,245,985

<sup>1</sup> For transactions between local currency and foreign currencies, unsettled amount of transaction is presented using the basic foreign exchange rate on the contract amount in foreign currencies. For foreign currency-to-foreign currency transactions, unsettled amount is presented using the basic foreign exchange rate on the contract amount in foreign currencies purchased.

<sup>2</sup> Exchange-traded futures transactions are settled daily and are not recognized as derivative assets and derivative liabilities.

The valuation of derivatives for trading as of December 31, 2023 and 2022 is as follows:

(In millions of Korean won)				20	23			
	Valua	tion gain	Valua	ation loss		Assets	Lia	bilities
Currency:								
Currency forwards	₩	40,912	₩	38,239	₩	50,774	₩	43,176
Currency options		6,231		4,764		3,520		4,125
		47,143		43,003		54,294		47,301
Interest rate:								
Interest rate forwards		3		1		153		-
Interest rate swaps		9,331		8,713		33,746		31,272
		9,334		8,714		33,899		31,272
Stock:								
Stock options		2,878		1,160		10,302		6,201
Stock swaps		25		-		890		-
		2,903		1,160		11,192		6,201
Credit:								
Credit swaps		16,611		19,173		34,147		4,779
		16,611		19,173		34,147		4,779
Other derivative assets: Other derivative instrument								
options		-		1		157		-
		-		1		157		-
	₩	75,991	₩	72,051	₩	133,689	₩	89,553
(In millions of Korean won)	2022							
	Valua	tion gain	Valua	ation loss		Assets	Lia	bilities
Currency:								
Currency forwards	₩	63,443		78,447		66,247		79,344
Currency options		17,750		13,886		13,726		14,340
		81,193		92,333		79,973		93,684
Interest rate:								
Interest rate swaps		47,103		47,013		38,057		36,878
Interest rate futures		55		-		55		-
		47,158		47,013		38,112		36,878
Stock:								
Stock options		345		83		5		598
Stock swaps		104		121		1,196		393
		449		204		1,201		991
Credit:								
Credit swaps		5,953		10,074		49,394		17,464
		5,953		10,074		49,394		17,464
	₩	134,753		149,624		168,679		149,017

#### Hedge

In order to hedge fluctuation risks of fair value due to changes in interest rate of structured deposits and issued financial bonds, a hedge accounting of fair value risk is applied that interest rate swaps are designated as a hedging instrument. In order to hedge currency fluctuation risks of net investments in foreign operations, a hedge accounting of net investments in foreign operations is applied that non-derivative financial instruments are designated as a hedging instrument.

The valuation of derivatives designated as a hedging instrument as of December 31, 2023 and 2022 is as follows:

(In millions of Korean won)	2023								
	Valuation gain		Valuation loss		Assets			Liabilities	
Interest rate:									
Interest rate swaps	₩	13,116	₩	-	₩		-	₩	32,579
	₩	13,116	₩	-	₩		-	₩	32,579
(In millions of Korean won)				2022					
	Valua	ation gain	Valua	tion loss	A	ssets		Lia	bilities
Interest rate:									
Interest rate swaps	₩	-	₩	41,944	₩		-	₩	45,172
	₩	-	₩	41,944	₩		-	₩	45,172

Gain (loss) on valuation of hedged items and hedging instrument for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)		2023	2022
Gain (loss) on valuation of hedging instrument	₩	13,116 ₩	(41,944)
Gain (loss) on valuation of hedged items		(13,974)	41,603
	₩	(858) ₩	(341)

Amount, timing and uncertainty of future cash flows for each of the two years in the period ended December 31, 2023 are as follows:

							2023				
(In millions of Korean won)		Less than 1 year		Between 1 year – 2 years	Between 2 – 3 years		Between 3 – 4 years		Between 4 – 5 year	More than 5 years	Total
Fair value risk hedges											
Nominal amount of risk hedge instrument	₩	-	₩	- ₩	4 322,350	₩	-	₩	- 4	∀ 70,000 ₩	392,350
Average hedge ratio (%)		-		-	100%		-		-	100%	100%
Risk hedges for net investments in foreign operation Nominal amount											
of risk hedge	₩	115,401	₩	- ₩		₩	215,331	₩	- 4	∀ -₩	330,732
Average hedge ratio (%)		100%		-	-		100%		-	-	100%
							2022				
(In millions of Korean won)		Less than 1 year		Between 1 year – 2 years	Between 2 – 3 years		Between 3 – 4 years		Between 4 – 5 year	More than 5 years	Total
Fair value risk hedges											
Nominal amount of risk hedge instrument	₩	-	₩	- ₩	ł	- 1	₩ 316,825	5 t		₩ 70,000	₩ 386,8
Average hedge ratio (%)		-	-	-		-	100%	6	-	100%	100
Risk hedges for											

net investments in foreign operation								
Nominal amount of risk hedge instrument	₩	179,323 ₩	72,870 ₩	- ₩	- ₩	96,315 ₩	- ₩	348,508
Average hedge ratio (%)		100%	100%	-	-	100%	-	100%

The current interest rates of hedging instruments as of December 31, 2023 and 2022 are as follows.

	2023	2022
Fair value risk hedges Interest rate:		
Foreign currency interest rate swap	Receive at fixed rate of 1.38% / Pay at LIBOR 3M Receive at fixed rate of 1.367% / Pay at LIBOR 3M	Receive at fixed rate of 1.38% / Pay at LIBOR 3M Receive at fixed rate of 1.367% / Pay at LIBOR 3M
Korean won interest rate swap	Receive at fixed rate of 2.41% / Pay at CD(91D)+0.15% Receive at fixed rate of 1.91% / Pay at CD(91D)+0.15%	Receive at fixed rate of 2.41% / Pay at CD(91D)+0.15% Receive at fixed rate of 1.91% / Pay at CD(91D)+0.15%

Impacts of hedge accountings on the statements of financial position, the statements of comprehensive income and the statements of changes in equity.

Impacts of risk hedge instruments on the statements of financial position, the statements of comprehensive income and the statements of changes in equity as of December 31, 2023 and 2022 are as follows:

		2023													
(In millions of Korean won)				Statement of financial position								Statement of comprehensive income and statements of changes in equity			
	Nominal amount		Changes in fair value		Derivative assets		Derivative liabilities		Borrowings		Profi	t or loss		Other prehensive ncome <sup>1</sup>	
Fair value risk hedges: Interest rate risk hedge	₩	392.350	₩	13.116	₩	_	₩	32,579	₩	- -	₩	13,116	₩	_	
Hedges for net investments in foreign operations:		002,000		10,110				02,010				10,110			
Currency risk		000 704		4 057						000 704				4 0 0 0	
hedge		330,731		1,857		-		-		330,731		-		1,388	
	₩	723,081	₩	14,973	₩	-	₩	32,579	₩	330,731	₩	13,116	₩	1,388	

<sup>1</sup> The amount recognized in other comprehensive income is net of income tax effect.

		2022												
(In millions of Korean won)		Statement of financial position							ion	Statement of comprehensive income and statements of changes in equity				
	Nominal amount		Changes in fair value		Derivative assets		Derivative liabilities		Borrowings		Profit or loss		Other Comprehensiv e income <sup>1</sup>	
Fair value risk hedges: Currency risk hedge	₩	386,825	₩	(41,944)	₩	_	₩	45,172	₩	-	₩	(41,944)	₩	_
Hedges for net investments in foreign operations:	vv	000,020		(+1,0++)							v	(+1,0++)		
Currency risk hedge		348,508		(19,940)		-		-		348,508		-		(14,915)
	₩	735,333	₩	(61,884)	₩	-	₩	45,172	₩	348,508	₩	(41,944)	₩	(14,915)

<sup>1</sup> The amount recognized in other comprehensive income is net of income tax effect.

Impacts of the hedged items on the statements of financial position, the statements of comprehensive income and the statements of changes in equity as of December 31, 2023 and 2022 are as follows:

		2023													
(In millions of Korean won)					Statement of financial position					Statement of comprehensive income and statements of changes in equity					
	Nominal amount		Changes in fair value		Deposits received		Debentures		Pro	fit or loss	Other comprehensi t or loss -ve income <sup>1</sup>		Reserve for foreign currency translation		
Fair value risk hedges: Interest rate risk hedge	₩	392,350	₩	(13,974)	₩	58,186	₩	301,987	₩	(13,974)	₩	_	₩	-	
Hedges for net investments in foreign operations:		_		- -		_		-		- -		-		_	
Currency risk hedge	_	330,731		15,210		-		-		(622)		2,871		21,174	
	₩	723,081	₩	1,236	₩	58,186	₩	301,987	₩	(14,596)	₩	2,871	₩	21,174	

<sup>1</sup> The amount recognized in other comprehensive income is net of income tax effect.

		2022												
(In millions of Korean won)						Statement of financial position			Statement of comprehensive income and statements of changes in equity					
	Nominal amount		Changes in fair value		Deposits received		Debentures		Profit or loss		Other Comprehensi -ve income <sup>1</sup>		Reserve for foreign currency translation	
Fair value risk hedges: Interest rate risk hedge Hedges for net investments in foreign operations:	₩	386,825	₩	41,603	₩	54,309	₩	287,660	₩	41,603	₩	-	₩	-
Currency risk hedge		348,508		23,776		-		-		-		17,842		18,218
-	₩	735,333	₩	65,379	₩	54,309	₩	287,660	₩	41,603	₩	17,842	₩	18,218

<sup>1</sup> The amount recognized in other comprehensive income is net of income tax effect.

The amounts and items recognized as profit or loss due to ineffective portion in fair value risk hedges for the year ended December 31, 2023, are as follows:

(In millions of Korean won)		effective po es recogni los				
	2	023	2	2022	Items	
Fair value risk hedges:						
Interest rate risk hedge	₩	(858)	₩	(341)	Loss on valuation of derivatives	

There is no amount recognized in profit or loss and other comprehensive income as an ineffective portion of cash flow hedges and hedges for net investments in foreign operations for each of the two years in the period ended December 31, 2023.

### Hedge relationships affected by interest rate indicator reform

The hedging relationship in which the group applies fair value hedge accounting is influenced by interest rate indicators associated with interest rate indicator reform. The connecting entity is responding to this by forming a TF (Taskforce Team) and establishing a transition and alternative plan.

The uncertainty arising from the reform of interest rate indicators is no longer expected when contracts referencing LIBOR are replaced by applicable interest rates. The revised standard applies exceptions until existing interest rate indicators are replaced by replacement indicator interest rates, allowing hedge accounting to continue to be applied during the uncertainty of interest rate indicator reform. The exception assumes that the rate indicator on which the hedged cash flow is based does not change as a result of the reform in determining whether the expected transaction is very likely to occur, and that the rate indicator on which the hedged risk/ or hedging instrument is based does not change.

As of the end of the current term, the nominal amount of the hedging instrument exposed to the hedging relationship affected by the interest rate indicator reform is as follows:

(In millions of Korean won)	Interest rate indicator	Nomina	l amount
	USD 3M LIBOR	₩	396,491
	KRW 91D CD		70,000

### 16. INVESTMENTS IN ASSOCIATES AND JOINT VENTURE:

Details of investments in associates and joint venture as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)	December 31, 2023											
	Main business	Location	Closing month	Percentage of ownership (%)	Acquisition cost	Carrying amount						
Investments in associates:												
KIAMCO Aviation Specialized Investment Type Private Equity Trust No.1	Trust and collective investment business	The Republic of Korea	December	20	₩ 12,034	₩ -						
ANDA H Mezzanine Private Investment Trust 11th	Financial investment	The Republic of Korea	December	25	6,050	7,319						
BNK Intervalue Technology Finance Investment Association No.1	Investment association	The Republic of Korea	December	34	12,700	11,526						
Shinhan Corporation General Private Securities Investment Trust 14th [bond]	Financial investment	The Republic of Korea	December	50	50,000	52,350						
NH-Amundi General Private Equity Investment Trust No.18 [bond]	Financial investment	The Republic of Korea	December	50	50,000	51,326						
Shinhan BNPPS Grail Professional Private Special Asset Fund No.1- 2	Financial investment	The Republic of Korea	December	46	16,727	16,971						
Multi-Asset LNG General Private Equity Investment Trust No.5	Financial investment	The Republic of Korea	December	67	22,581	22,711						
Igis Ulsan New Port Infrastructure Private Investment Trust	Financial investment	The Republic of Korea	December	32	21,108	21,535						
Samsung Rafael Professional Investment Private Security Investment Trust No.1	Financial investment	The Republic of Korea	December	50	50,000	51,849						
SHBNPP Corporate Private Security Investment Trust 8th	Financial investment	The Republic of Korea	December	50	40,050	41,517						
Petra7alpha Private Equity Partnership	Financial investment	The Republic of Korea	December	22	10,938	10,427						
KB Leaders ESG Professional Private Securities Investment Trust No.1	Financial investment	The Republic of Korea	December	49	20,434	20,677						
Kyobo-Axa Investment Alpha Plus Private Securities Investment Trust-J 11st	Financial investment	The Republic of Korea	December	50	50,000	52,180						
VI Repo General Private Securities Investment Trust No.8	Financial investment	The Republic of Korea	December	50	50,000	52,216						
Shinhan Corporation General Private Securities Investment Trust 7th [bond]	Financial investment	The Republic of Korea	December	50	50,000	51,902						
igis housing platform no.1 professional investors' private real estate fund	Trust and collective investment	The Republic of Korea	December	20	12,060	13,401						

	business					
BNK-T2021 Korea Support Venture Investment Association No. 1	Financial investment	The Republic of Korea	December	32	12,000	10,974
Kyobo Axa Clean Energy Center Professional Investment-type Private Equity Special Asset Investment Trust No. 1	Financial investment	The Republic of Korea	December	28	11,337	11,155
Melon Asset Specialized Investment-Type Private Equity Investment Trust No. 13	Trust and collective investment business	The Republic of Korea	December	38	11,400	10,583
BNK Corporate MMF No.1 (Stock) C	Financial investment	The Republic of Korea	December	23	163,384	165,400
Hana Balance Professional Investment Private No. 1 (Mixed Bond)	Financial investment	The Republic of Korea	December	33	10,000	11,122
NH-Amundi General Private Equity Investment Trust No.22 [bond]	Financial investment	The Republic of Korea	December	50	30,000	31,255
Samsung Rafael General Investment Private Security Investment Trust No.8	Financial investment	The Republic of Korea	December	50	50,000	51,780
Hanhwa A Professional Investment Private Security Investment Trust No.1(Bond)	Financial investment	The Republic of Korea	December	25	50,000	52,084
Mirae Asset Triumph Professional Investment Private No. 2	Financial investment	The Republic of Korea	December	50	30,000	30,771
Hi General Private Equity Securities Investment Trust No.32 (Bond)	Financial investment	The Republic of Korea	December	50	50,000	51,340
DB Alpha Professional Investment Private No. 2 (Mixed Bond)	Financial investment	The Republic of Korea	December	33	10,000	10,299
Shinhan IPO Maturity Matching Private Investment Trust No.2 [WithBonds]	Financial investment	The Republic of Korea	December	50	20,000	20,657
Kiwoom Frontier General Private Securities Investment Trust 27th [bond]	Financial investment	The Republic of Korea	December	50	30,000	31,188
Shinhan Corporation General Private Securities Investment Trust 19th [bond]	Financial investment	The Republic of Korea	December	50	30,000	30,890
Kiwoom Frontier General Private Securities Investment Trust 29th [bond]	Financial investment	The Republic of Korea	December	33	30,000	30,855
Samsung REPO General Private Equity Securities Investment Trust No. 1 (Bond)	Financial investment	The Republic of Korea	December	30	30,000	31,264
Kyobo-Axa Alpha Plus General Private Securities Investment Trust-J 19th [Bond]	Financial investment	The Republic of Korea	December	50	30,000	30,058
KB Leaders General Investment Private Security Investment Trust No.33 [bond]	Financial investment	The Republic of Korea	December	30	30,000	30,013
Multi-Asset ESG Marine Transportation Infra	Financial investment	The Republic of Korea	December	92	52,017	52,309

General Private Investment Trust No.1						
Hanwha A Professional Investment Private No. 120 (USD, bond)	Financial investment	The Republic of Korea	December	20	27,055	27,038
Samsung Dollar S&B General Private Securites Investment Trust No.7(USD)(Bond)	Financial investment	The Republic of Korea	December	25	26,257	26,238
KB Korea Short-Term Bonds Premium General Private Equity Securities Investment Trust No.45(USD) [Bond]	Financial investment	The Republic of Korea	December	50	25,975	25,957
Daishin Sell&Buy Professional Investment Private No. 4 (USD, bond)	Financial investment	The Republic of Korea	December	50	25,790	25,800
Kyobo-Axa Alpha Plus General Private Securities Investment Trust-J 13th [Bond]	Financial investment	The Republic of Korea	December	25	50,000	52,388
KB Leaders Professional Investment Private Security Investment Trust No.29 [bond]	Financial investment	The Republic of Korea	December	50	50,000	51,577
Multi-Asset Hydrogen Infrastructure Professional Investment Private No. 1	Financial investment	The Republic of Korea	December	49	28,444	28,665
Hyundai Investment Professional Investment Private Real Estate Investment Trust No.44	Trust and collective investment business	The Republic of Korea	December	23	18,305	18,301
Others	Financial investment and others	The Republic of Korea		0.23~54.55	130,188	130,147
					₩ 1,536,834	₩ 1,558,015

## 16. INVESTMENTS IN ASSOCIATES AND JOINT VENTURE: (cont'd)

(In millions of Korean won)			Decemt	oer 31, 2022		
	Main business	Location	Closing month	Percentage of ownership (%)	Acquisition cost	Carrying amount
Investments in associates:						
BNK Intervalue Technology Finance Investment Association	Investment association	The Republic of Korea	December	34	12,700	12,096
ANDA H Mezzanine Private Investment Trust 11th	Financial investment	The Republic of Korea	December	25	14,000	14,048
Hana UBS Professional Investment Private Security Investment Trust No.7	Financial investment	The Republic of Korea	December	20	30,000	31,184
Shinhan Corporation General Private Securities Investment Trust 14th	Financial investment	The Republic of Korea	December	50	50,000	50,677
BNKREPOPLUS Professional Investment Private Trust No.1	Financial investment	The Republic of Korea	December	36	25,000	26,227
Kyobo-Axa Alpha Plus Professional Private Securities Investment Trust-J 1st	Financial investment	The Republic of Korea	December	40	20,000	20,156
Kyobo-Axa Alpha Plus Professional Private Securities Investment Trust-J 6th	Financial investment	The Republic of Korea	December	37	30,000	30,289
Kyobo-Axa Alpha Plus Professional Private Securities Investment Trust-J 8th	Financial investment	The Republic of Korea	December	50	30,000	30,083
VI Repo General Private Equity Securities Investment Trust No.9(Bond)	Financial investment	The Republic of Korea	December	50	30,000	30,445
DGB Professional Investment Private Security Investment Trust No.28(Bond)	Financial investment	The Republic of Korea	December	50	30,000	31,038
KB Leaders Professional Investment Private Security Investment Trust No.12(Bond)	Financial investment	The Republic of Korea	December	30	30,000	31,014
KB Leaders Professional Investment Private Security Investment Trust No.15(Bond)	Financial investment	The Republic of Korea	December	50	30,000	30,371
Samsung Rafael Professional Investment Private Security Investment Trust No.3	Financial investment	The Republic of Korea	December	50	50,000	50,708
NH-Amundi General Private Equity Investment Trust No.18	Financial investment	The Republic of Korea	December	50	30,000	30,482
Shinhan IPO Maturity Matching Private Investment Trust(WithBonds)	Financial investment	The Republic of Korea	December	30	50,000	52,133
Shinhan BNPP SGrail Professional Private Special Asset Fund No.1-2	Financial investment	The Republic of Korea	December	46	12,423	12,565
Multi-Asset LNG General Private Equity Investment Trust No.5	Financial investment	The Republic of Korea	December	67	25,318	25,462
Igis Ulsan New Port Infrastructure Private Investment Trust	Financial investment	The Republic of Korea	December	32	26,456	27,168
Multi-Asset KDB Ocean Value- up Professional Private Investment Trust No.15	Financial investment	The Republic of Korea	December	50	11,943	14,023
KB Korea Short-Term Bonds Premium General Private Equity Securities Investment Trust No.29	Financial investment	The Republic of Korea	December	25	12,633	12,978
Samsung Rafael Professional	Financial	The Republic	December	50	50,000	50,473

In millions of Korean won)			Decemb	oer 31, 2022		
,	Main business	Location	Closing month	Percentage of ownership (%)	Acquisition cost	Carrying amount
Investment Private Security Investment Trust No.1	investment	of Korea				
SHBNPP Corporate Private Security Investment Trust 8th	Financial investment	The Republic of Korea	December	50	40,050	40,400
Kiwoom Frontier Private Securities Investment Trust 12th	Financial investment	The Republic of Korea	December	39	39,194	39,829
Petra7alpha Private Equity Partnership	Financial investment	The Republic of Korea	December	22	10,938	10,366
KB Leaders ESG Professional Private Securities Investment Trust No.1	Financial investment	The Republic of Korea	December	49	20,434	19,860
Kyobo-Axa Investment Alpha Plus Private Securities Investment Trust-J 11th	Financial investment	The Republic of Korea	December	50	50,000	50,573
VI Repo General Private Securities Investment Trust No.8	Financial investment	The Republic of Korea	December	50	50,000	50,609
Shinhan Corporation General Private Securities Investment Trust 7th(bonds)	Financial investment	The Republic of Korea	December	50	50,000	50,642
Shinhan Corporation Private Securities Investment Trust 15th(bonds)	Financial investment	The Republic of Korea	December	50	50,000	50,026
KIAMCO Aviation Specialized Investment Type Private Equity Trust No.1	Trust and collective investment business	The Republic of Korea	December	20	10,943	11,153
lgis housing platform no.1 professional investors' private real estate fund	Trust and collective investment business	The Republic of Korea	December	20	12,060	12,540
BNK-T2021 Korea Support Venture Investment Association No. 1	Investment association	The Republic of Korea	December	32	8,400	8,124
Kyobo Axa Clean Energy Center Professional Investment-type Private Equity Special Asset Investment Trust No. 1	Financial investment	The Republic of Korea	December	28	7,172	7,081
Melon Asset Specialized Investment-Type Private Equity Investment Trust No. 13	Trust and collective investment business	The Republic of Korea	December	34	5,900	5,833
Others	Financial investment and others	The Republic of Korea		3.00~62.21	146,159	136,006
	511010				₩ 1,101,723	₩ 1,106,662

### 16. INVESTMENTS IN ASSOCIATES AND JOINT VENTURE: (cont'd)

Changes in investments in associates and joint venture for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)	2023								
	Beginning balance	Acquisition/ disposal	Share of profit or loss of associates and joint venture	Dividends received	Others	Ending balance			
Investments in associates: Hana UBS Professional									
Investment Private Security Investment Trust No.7 BNKREPOPLUS	₩ 31,184	₩ (32,566)	₩ -	₩ -	₩ 1,382	₩ -			
Professional Investment Private Trust No.1 Kyobo-Axa Investment Alpha	26,227	-	-	-	(26,227)	-			
Plus Private Securities Investment Trust-J 1st Kyobo-Axa Investment Alpha Plus Private Securities	20,156	(20,643)	-	-	487	-			
Investment Trust-J 6st Kyobo-Axa Investment Alpha	30,289	(31,458)	-	-	1,169	-			
Plus Private Securities Investment Trust-J 8th VI Repo General Private	30,083	(31,035)	-	-	952	-			
Equity Securities Investment Trust No.9 (Bond) DGB Professional Investment	30,445	(30,709)	-	-	264	-			
Private Security Investment Trust No.28 (Bond) KB Leaders Professional Investment Private Security	31,038	(30,487)	-	(1,054)	503	-			
Investment Trust No.12 [bond] KB Leaders Professional	31,014	(32,248)	-	-	1,234	-			
Investment Private Security Investment Trust No.15 [bond] Samsung Rafael Professional	30,371	(30,904)	-	-	533	-			
Investment Trust No.3 Shinhan IPO Maturity	50,708	(50,755)	-	-	47	-			
Matching Private Investment Trust No.1 [WithBonds] Multi-Asset KDB Ocean	52,133	(52,348)	-	-	215	-			
Value-up Professional Private Investment Trust No.15 KB Korea Short-Term Bonds Premium General Private	14,023	(12,456)	(134)	(413)	(1,020)	-			
Equity Securities Investment Trust No.29 Kiwoom Frontier Private	12,978	(13,311)	253	-	80	-			
Securities Investment Trust 12th Shinhan Corporation Specialized Private	39,829	(41,567)	1,738	-	-	-			
Securities Investment Trust 15th [bond]	50,026	(51,986)	1,960	-	-	-			
KIAMCO Aviation Specialized Investment Type Private Equity Trust No.1	11,153	1,088	(11,899)	(342)	-	-			

ANDA H Mezzanine Private Investment Trust 11th	14,048	(8,315)	1,484	(262)	364	7,319
BNK Intervalue Technology Finance Investment	,0 . 0	(0,010)	.,	()		.,010
Association No.1	12,096	-	(570)	-	-	11,526
Shinhan Corporation General Private Securities						
Investment Trust 14th [bond] NH-Amundi General Private	50,677	-	2,804	(1,131)	-	52,350
Equity Investment Trust						
No.18 [bond] Shinhan BNPPS Grail	30,482	20,000	2,133	(1,289)	-	51,326
Professional Private Special	40 505	4 00 4	705	(000)		40.074
Asset Fund No.1-2 Multi-Asset LNG General	12,565	4,304	785	(683)	-	16,971
Private Equity Investment Trust No.5	25,462	(2,753)	1,204	(1,188)	(14)	22,711
Igis Ulsan New Port	20,402	(2,700)	1,204	(1,100)	(14)	22,111
Infrastructure Private Investment Trust	27,168	(5,419)	2,142	(2,274)	(82)	21,535
Samsung Rafael Professional	,	(-,,	_,	(_, )	(/	_ ,
Investment Private Security Investment Trust No.1	50,473	-	2,091	(715)	-	51,849
SHBNPP Corporate Private Security Investment Trust				. ,		
8th	40,400	-	1,519	(402)	-	41,517
Petra7alpha Private Equity Partnership	10,366	-	61	-	-	10,427
KB Leaders ESG	-,					- )
Professional Private Securities Investment Trust						
No.1 Kyobo-Axa Investment Alpha	19,860	-	817	-	-	20,677
Plus Private Securities	50 570		0.070	(000)		50.400
Investment Trust-J 11st VI Repo General Private	50,573	-	2,273	(666)	-	52,180
Securities Investment Trust No.8	50,609	_	2,283	(676)	_	52,216
Shinhan Corporation General	50,005	_	2,200	(070)	-	52,210
Private Securities Investment Trust 7th [bond]	50,642	-	3,032	(1,772)	-	51,902
igis housing platform no.1	,					,
professional investors' private real estate fund	12,540	-	861	-	-	13,401
BNK-T2021 Korea Support Venture Investment						
Association No. 1	8,124	3,600	(750)	-	-	10,974
Kyobo Axa Clean Energy Center Professional						
Investment-type Private Equity Special Asset						
Investment Trust No. 1	7,081	4,167	369	(462)	-	11,155
Melon Asset Specialized Investment-Type Private						
Equity Investment Trust No. 13	5,833	5,500	(750)	-	_	10,583
BNK Corporate MMF No.1	0,000					
(Stock) C Hana Balance Professional	-	165,000	400	-	-	165,400
Investment Private No. 1 (Mixed Bond)	-	10,000	1,122	-	_	11,122
NH-Amundi General Private		10,000	1,122			11,122
Equity Investment Trust No.22 [bond]	-	30,000	1,255	-	-	31,255
Samsung Rafael General Investment Private Security						
Investment Trust No.8	-	50,000	1,780	-	-	51,780
Hanhwa A Professional Investment Private Security						
Investment Trust		50,000	2 084			52,084
No.1(Bond)	-	30,000	2,084	-	-	52,004

Mirae Asset Triumph							
Professional Investment							
Private No. 2	-		30,000	771	-	-	30,771
Hi General Private Equity							
Securities Investment Trust No.32 (Bond)	-		50,000	1,340	-	-	51,340
DB Alpha Professional			00,000	1,010			01,010
Investment Private No. 2							
(Mixed Bond)	-		10,000	299	-	-	10,299
Shinhan IPO Maturity							
Matching Private Investment Trust No.2 [WithBonds]	-		20,000	657	-	_	20,657
Kiwoom Frontier General			20,000	007			20,007
Private Securities							
Investment Trust 27th [bond]	-		30,000	1,188	-	-	31,188
Shinhan Corporation General							
Private Securities Investment Trust 19th [bond]	-		30,000	890	-	_	30,890
Kiwoom Frontier General			00,000	000			00,000
Private Securities							
Investment Trust 29th [bond]	-		30,000	855	-	-	30,855
Samsung REPO General							
Private Equity Securities Investment Trust No. 1							
(Bond)	-		30,000	1,264	-	-	31,264
Kyobo-Axa Alpha Plus			00,000	.,=• .			01,201
General Private Securities							
Investment Trust-J 19th			00.000	50			00.050
[Bond] KB Leaders General	-		30,000	58	-	-	30,058
Investment Private Security							
Investment Trust No.33							
[bond]	-		30,000	13	-	-	30,013
Multi-Asset ESG Marine							
Transportation Infra General Private Investment Trust							
No.1	-		52,013	1,699	(1,408)	5	52,309
Hanwha A Professional			02,010	1,000	(1,100)	Ũ	02,000
Investment Private No. 120							
(USD, bond)	-		25,142	1,271	-	625	27,038
Samsung Dollar S&B General Private Securites							
Investment Trust							
No.7(USD)(Bond)	-		26,752	457	-	(971)	26,238
KB Korea Short-Term Bonds			-			· · · ·	
Premium General Private							
Equity Securities Investment			25.074	160		(196)	25.057
Trust No.45(USD) [Bond] Daishin Sell&Buy	-		25,974	169	-	(186)	25,957
Professional Investment							
Private No. 4 (USD, bond)	-		26,076	12	-	(288)	25,800
Kyobo-Axa Alpha Plus							
General Private Securities							
Investment Trust-J 13th [Bond]	-		50,000	2,388	-	_	52,388
KB Leaders Professional			00,000	2,000			02,000
Investment Private Security							
Investment Trust No.29							
[bond]	-		50,000	1,577	-	-	51,577
Multi-Asset Hydrogen Infrastructure Professional							
Investment Private No. 1	-		28,444	221	-	-	28,665
Hyundai Investment			,	(			20,000
Professional Investment							
Private Real Estate			10 205	400			40.004
Investment Trust No.44	-		18,305	496	(500)	-	18,301
Others	136,006		(12,138)	9,433	(4,639)	1,485	130,147
	₩ 1,106,662	₩	445,267	₩ 45,405	₩ (19,876)	₩ (19,443)	₩ 1,558,015
	· · ·					/	

## 16. INVESTMENTS IN ASSOCIATES AND JOINT VENTURE: (cont'd)

(In millions of Korean won)	2022							
	Beginning balance	Acquisition/ disposal	Share of profit or loss of associates and joint venture	Dividends received	Others	Ending balance		
Investments in associates:								
BNK Intervalue Technology Finance Investment	₩ 12.386	144	M4 (200)	144	144	12 006		
Association ANDA H Mezzanine Private Investment Trust 11th	<ul><li>₩ 12,386</li><li>14,052</li></ul>	₩ -	<ul><li>₩ (290)</li><li>(4)</li></ul>	₩ -	₩ -	<ul><li>₩ 12,096</li><li>14,048</li></ul>		
Hana UBS Professional Investment Private Security	14,002		(-)			14,040		
Investment Trust No.7 Shinhan Corporation General Private Securities	40,763	(10,028)	405	-	44	31,184		
Investment Trust 14th BNKREPOPLUS	-	50,000	677	-	-	50,677		
Professional Investment Private Trust No.1 Kyobo-Axa Investment Alpha	-	25,814	358	(31)	86	26,227		
Plus Private Securities Investment Trust-J 1st Kyobo-Axa Investment Alpha	30,335	(10,032)	(68)	-	(79)	20,156		
Plus Private Securities Investment Trust-J 6st Kyobo-Axa Investment Alpha	30,218	-	508	(437)	-	30,289		
Plus Private Securities Investment Trust-J 8st	30,146	-	(63)	-	-	30,083		
VI Repo General Private Equity Securities Investment Trust No.9 (Bond)	-	30,000	445	-	-	30,445		
DGB Professional Investment Private Security Investment Trust No.28 (Bond)	30,351	-	687	-	-	31,038		
KB Leaders Professional Investment Private Security Investment Trust No.12								
[bond] KB Leaders Professional Investment Private Security	40,864	(9,984)	146	-	(12)	31,014		
Investment Trust No.15 [bond] Samsung Rafael Professional	30,353	-	18	-	-	30,371		
Investment Private Security Investment Trust No.3 NH-Amundi General Private	50,029	-	1,041	(362)	-	50,708		
Equity Investment Trust No.18 Shinhan IPO Maturity	-	30,000	482	-	-	30,482		
Matching Private Investment Trust [WithBonds] Shinhan BNPPS Grail	51,765	-	368	-	-	52,133		
Professional Private Special Asset Fund No.1-2 Multi-Asset LNG General	8,847	3,646	449	(377)	-	12,565		
Private Equity Investment Trust No.5	-	25,310	1,057	(913)	8	25,462		
Igis Ulsan New Port Infrastructure Private Investment Trust Multi Accet KDR Occen	-	26,473	1,014	(302)	(17)	27,168		
Multi-Asset KDB Ocean Value-up Professional Private Investment Trust	44.000	(4.460)	600	(505)	4 050	44.000		
No.15	14,362	(1,463)	606	(535)	1,053	14,023		

KB Korea Short-Term Bonds Premium General Private Equity Securities Investment		12.633	321		24	12,978
Trust No.29 Samsung Rafael Professional Investment Private Security	-	12,033	521	-	24	12,970
Investment Trust No.1 SHBNPP Corporate Private	49,741	-	732	-	-	50,473
Security Investment Trust 8th Kiwoom Frontier Private	49,692	(9,950)	658	-	-	40,400
Securities Investment Trust 12th	39,614	-	686	(471)	-	39,829
Petra7alpha Private Equity Partnership KB Leaders ESG	10,447	-	(81)	-	-	10,366
Professional Private Securities Investment Trust	40.050	(00 700)	(222)			10.000
No.1 Kyobo-Axa Investment Alpha Plus Private Securities	49,852	(29,732)	(260)	-	-	19,860
Investment Trust-J 11st VI Repo General Private	-	50,000	573	-	-	50,573
Securities Investment Trust No.8 Shinhan Corporation General	-	50,000	609	-	-	50,609
Private Securities Investment Trust 7th [bond]	-	50,000	642	-	-	50,642
Shinhan Corporation Private Securities Investment Trust 15th	_	50,000	26	-	-	50,026
KIAMCO Aviation Specialized Investment Type Private		00,000		(222)		
Equity Trust No.1 igis housing platform no.1 professional investors'	10,997	-	(5,165)	(689)	6,010	11,153
private real estate fund BNK-T2021 Korea Support	2,880	9,180	480	-	-	12,540
Venture Investment Association No. 1 Kyobo Axa Clean Energy	4,690	3,600	(166)	-	-	8,124
Center Professional Investment-type Private						
Equity Special Asset Investment Trust No. 1 Melon Asset Specialized	2,679	4,510	10	(118)	-	7,081
Investment-Type Private Equity Investment Trust No.						
13	5,871	-	(38)	-	-	5,833
Others	505,452	(365,635)	806	(5,031)	414	136,006
	₩ 1,116,386	₩ (15,658)	₩ 7,669	₩ (9,266)	₩ 7,531	₩ 1,106,662

### 16. INVESTMENTS IN ASSOCIATES AND JOINT VENTURE: (cont'd)

Financial information of associates and joint venture as of December 31, 2023 and 2022 is as follows:

(In millions of Korean won)	2023							
	Current assets	Current liabilities	Equity	Operating income	Operating profit (loss) from continuing operations	Total comprehen- sive income (loss)		
Investments in associates: KIAMCO Aviation Specialized Investment								
Type Private Equity Trust No.1	₩ 56,345	5 ₩ 26	₩ 56,319	₩ 88,656	₩ (4,879)	₩ (4,879)		
ANDA H Mezzanine Private Investment Trust 11th BNK Intervalue Technology	28,94	2 5	28,937	9,899	4,825	4,825		
Finance Investment Association No.1 Shinhan Corporation General	34,29	6 716	33,580	66	(1,661)	(1,661)		
Private Securities Investment Trust 14th [bond] NH-Amundi General Private	251,42	7 146,727	104,700	8,946	5,609	5,609		
Equity Investment Trust No.18 [bond] Shinhan BNPPS Grail	201,60	1 98,948	102,653	5,953	4,266	4,266		
Professional Private Special Asset Fund No.1-2 Multi-Asset LNG General	37,26	6 494	36,772	1,704	1,701	1,701		
Private Equity Investment Trust No.5 Igis Ulsan New Port	34,07	5 11	34,064	1,837	1,827	1,827		
Infrastructure Private Investment Trust Samsung Rafael Professional	68,44	1 972	67,469	6,736	6,710	6,710		
Investment Private Security Investment Trust No.1 SHBNPP Corporate Private	169,63	1 65,933	103,698	5,322	4,182	4,182		
Security Investment Trust 8th	170,96	9 87,936	83,033	6,360	3,039	3,039		
Petra7alpha Private Equity Partnership KB Leaders ESG Professional Private	47,98	2 131	47,851	886	276	276		
Securities Investment Trust No.1 Kyobo-Axa Investment Alpha	41,96	9 8	41,961	1,760	1,659	1,659		
Plus Private Securities Investment Trust-J 11st VI Repo General Private	150,91	3 46,438	104,475	8,115	4,550	4,550		
Securities Investment Trust No.8 Shinhan Corporation General	200,59	1 96,159	104,432	8,011	4,566	4,566		
Private Securities Investment Trust 7th [bond] igis housing platform no.1	215,14	4 111,149	103,995	8,251	6,074	6,074		
professional investors' private real estate fund BNK-T2021 Korea Support	67,06	1 58	67,003	4,420	4,304	4,304		
Venture Investment Association No. 1 Kyobo Axa Clean Energy Center Professional Investment-type Private	34,51	1 216	34,295	45	(2,340)	(2,340)		
Equity Special Asset Investment Trust No. 1	40,21	1 798	39,413	-	1,304	1,304		

Melon Asset Specialized Investment-Type Private						
Equity Investment Trust No.	151,124	123,029	28,095	2,260	(1,973)	(1,973)
BNK Corporate MMF No.1	101,124	120,020	20,000	2,200	(1,070)	(1,070)
(Stock) C Hana Balance Professional	714,707	56	714,651	26,998	8,711	8,711
Investment Private No. 1 (Mixed Bond) NH-Amundi General Private	33,371	6	33,365	3,514	3,365	3,365
Equity Investment Trust No.22 [bond]	130,442	67,932	62,510	4,197	2,510	2,510
Samsung Rafael General Investment Private Security Investment Trust No.8	188,610	85,050	103,560	6,675	3,560	3,560
Hanhwa A Professional Investment Private Security	100,010	00,000	100,000	0,010	0,000	0,000
Investment Trust No.1(Bond) Mirae Asset Triumph	387,464	180,196	207,268	13,973	8,292	8,292
Professional Investment Private No. 2 Hi General Private Equity	121,675	60,133	61,542	1,542	1,542	1,542
Securities Investment Trust No.32 (Bond)	200,924	98,243	102,681	4,603	2,681	2,681
DB Alpha Professional Investment Private No. 2 (Mixed Bond)	33,165	2,217	30,948	1,043	898	898
Shinhan IPO Maturity Matching Private Investment						
Trust No.2 [WithBonds] Kiwoom Frontier General Private Securities	78,829	37,515	41,314	1,885	1,314	1,314
Investment Trust 27th [bond] Shinhan Corporation General Private Securities	175,718	113,343	62,375	3,658	2,375	2,375
Investment Trust 19th [bond] Kiwoom Frontier General Private Securities	175,004	113,225	61,779	2,486	1,779	1,779
Investment Trust 29th [bond] Samsung REPO General Private Equity Securities	268,738	176,175	92,563	3,560	2,564	2,564
Investment Trust No. 1 (Bond) Kyobo-Axa Alpha Plus	393,329	289,116	104,213	5,631	4,213	4,213
General Private Securities Investment Trust-J 19th	60,117	2	60,115	117	115	115
[Bond] KB Leaders General Investment Private Security	00,117	2	00,113	117	115	115
Investment Trust No.33 [bond] Multi-Asset ESG Marine	100,043	1	100,042	43	42	42
Transportation Infra General Private Investment Trust No.1	56,827	11	56,816	1,855	1,845	1,845
Hanwha A Professional Investment Private No. 120 (USD, bond)	135,200	10	135,190	7,093	6,355	6,355
Gob, bold Samsung Dollar S&B General Private Securites Investment Trust	133,200	10	100,100	7,000	0,000	0,000
No.7(USD)(Bond) KB Korea Short-Term Bonds Premium General Private	104,953	2	104,951	1,990	1,828	1,828
Equity Securities Investment Trust No.45(USD) [Bond] Daishin Sell&Buy	51,917	3	51,914	438	338	338
Professional Investment Private No. 4 (USD, bond) Kyobo-Axa Alpha Plus	51,600	1	51,599	409	23	23
General Private Securities	287,630	78,077	209,553	17,923	9,553	9,553

Investment Trust-J 13th [Bond] KB Leaders Professional Investment Private Security Investment Trust No.29									
[bond]	176,791	73,637	103,154		4,392		3,154		3,154
Multi-Asset Hydrogen	,	,	,		,				,
Infrastructure Professional									
Investment Private No. 1	58,170	20	58,150		470		450		450
Hyundai Investment Professional Investment Private Real Estate									
Investment Trust No.44	81,352	46	81,306		4,879		4,811		4,811
Others	750,000	075 605	475 004		56 677		20 725		20 725
Outers	750,826	275,605	475,221		56,677		29,735		29,735
	₩ 6,819,901	₩ 2,430,376	₩ 4,389,525	₩	345,278	₩	146,092	₩	146,092

## 16. INVESTMENTS IN ASSOCIATES AND JOINT VENTURE: (cont'd)

(In millions of Korean won)	won) 2022						
	Current assets	Current liabilities	Equity	Operating income	Operating profit (loss) from continuing operations	Total comprehen- sive income (loss)	
Investments in associates:							
BNK Intervalue Technology Finance Investment Association	₩ 35,439	₩ 198	₩ 35,241	₩ 32	₩ (843)	₩ (843)	
ANDA H Mezzanine Private Investment Trust 11th Hana UBS Professional	56,220	0 5	56,215	53	(2)	(2)	
Investment Private Security Investment Trust No.7 Shinhan Corporation General Private Securities	219,50	3 66,044	153,459	6,785	1,995	1,995	
Investment Trust 14th BNKREPOPLUS Professional Investment	101,36	1 7	101,354	3,807	1,354	1,354	
Private Trust No.1 Kyobo-Axa Investment Alpha	111,99	5 39,333	72,662	4,933	992	992	
Plus Private Securities Investment Trust-J 1st Kyobo-Axa Investment Alpha	99,71	9,215	50,495	3,749	(170)	(170)	
Plus Private Securities Investment Trust-J 6st Kyobo-Axa Investment Alpha	123,81	7 41,018	82,799	3,675	1,389	1,389	
Plus Private Securities Investment Trust-J 8st VI Repo General Private	79,48	1 19,315	60,166	2,275	(125)	(125)	
Equity Securities Investment Trust No.9 (Bond) DGB Professional Investment	90,19	3 29,309	60,889	2,197	889	889	
Private Security Investment Trust No.28 (Bond) KB Leaders Professional Investment Private Security	116,59	6 54,860	61,736	2,527	1,365	1,365	
Investment Trust No.12 [bond] KB Leaders Professional Investment Private Security	111,23	9,320	101,910	2,464	478	478	
Investment Trust No.15 [bond] Samsung Rafael Professional	83,99	6 22,812	61,184	2,494	35	35	
Investment Private Security Investment Trust No.3 NH-Amundi General Private	101,43	9 21	101,418	3,401	2,083	2,083	
Equity Investment Trust No.18 Shinhan IPO Maturity	83,37	6 22,412	60,964	1,596	964	964	
Matching Private Investment Trust [WithBonds] Shinhan BNPPS Grail	346,55	3 174,469	172,084	5,999	1,215	1,215	
Professional Private Special Asset Fund No.1-2 Multi-Asset LNG General	27,71	7 492	27,225	1,029	975	975	
Private Equity Investment Trust No.5 Igis Ulsan New Port	38,20	3 12	38,191	1,625	1,575	1,575	
Infrastructure Private Investment Trust Multi-Asset KDB Ocean Value-up Professional	85,04	0 30	85,010	3,678	3,173	3,173	
Private Investment Trust No.15	28,04	6 1	28,045	1,214	1,212	1,212	

KB Korea Short-Term Bonds Premium General Private Equity Securities Investment Trust No.29	51,472	2	51,470	3,424	1,274	1,274
Samsung Rafael Professional	51,472	2	51,470	3,424	1,274	1,274
Investment Private Security Investment Trust No.1 SHBNPP Corporate Private Security Investment Trust	112,460	11,514	100,946	2,504	1,464	1,464
8th Kiwoom Frontier Private	80,806	6	80,800	2,143	1,317	1,317
Securities Investment Trust 12th	104,075	3,014	101,061	384	1,742	1,742
Petra7alpha Private Equity Partnership KB Leaders ESG Professional Private	47,816	241	47,575	-	(369)	(369)
Securities Investment Trust No.1 Kyobo-Axa Investment Alpha	40,310	8	40,302	2,595	(529)	(529)
Plus Private Securities Investment Trust-J 11st VI Repo General Private Securities Investment Trust	155,185	54,039	101,146	4,264	1,146	1,146
No.8 Shinhan Corporation General	190,561	89,343	101,218	3,641	1,218	1,218
Private Securities Investment Trust 7th [bond] Shinhan Corporation Private	194,591	93,130	101,461	5,070	1,287	1,287
Securities Investment Trust 15th KIAMCO Aviation Specialized	100,053	2	100,051	53	51	51
Investment Type Private Equity Trust No.1	55,785	28	55,757	4,622	783	783
igis housing platform no.1 professional investors' private real estate fund	62,756	57	62,699	2,083	2,025	2,025
BNK-T2021 Korea Support Venture Investment	,		,	_,	_,	_,
Association No. 1 Kyobo Axa Clean Energy Center Professional Investment-type Private	25,608	220	25,388	363	(518)	(518)
Equity Special Asset Investment Trust No. 1 Melon Asset Specialized Investment-Type Private	25,627	606	25,021	-	35	35
Equity Investment Trust No. 13	17,120	52	17,068	-	(115)	(115)
Others	759,803	237,805	521,998	28,680	20,234	20,234
	₩3,963,948	₩1,018,940	₩2,945,008	₩113,359	₩ 49,599	₩ 49,599

### 16. INVESTMENTS IN ASSOCIATES AND JOINT VENTURE: (cont'd)

The reconciliations from the net assets of associates and joint venture based on the ownership ratio of the Group to its corresponding book amount of investments in associates and joint venture as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)	2023									
	Net assets of associates an joint venture (A)	d The Group's	Net assets owned (AXB)	Book amount						
Investments in associates: KIAMCO Aviation Specialized Investment Type Private Equity Trust										
No.1	₩ 56,31	19 20.00	₩ 11,265	₩ -						
ANDA H Mezzanine Private										
Investment Trust 11th	28,93	37 25.29	7,319	7,319						
BNK Intervalue Technology Finance										
Investment Association No.1	33,58	30 34.32	11,526	11,526						
Shinhan Corporation General										
Private Securities Investment Trust										
14th [bond]	104,70	50.00	52,350	52,350						
NH-Amundi General Private Equity			54.000	54.000						
Investment Trust No.18 [bond]	102,65	53 50.00	51,326	51,326						
Shinhan BNPPS Grail Professional Private Special Asset Fund No.1-2	36,77	71 46.15	16,971	16,971						
Multi-Asset LNG General Private	30,77	40.15	10,971	10,971						
Equity Investment Trust No.5	34,06	66.67	22,711	22,711						
Igis Ulsan New Port Infrastructure	04,00	00.07	22,711	22,711						
Private Investment Trust	67,46	31.92	21,535	21,535						
Samsung Rafael Professional			_ ,	_ ,						
Investment Private Security										
Investment Trust No.1	103,69	98 50.00	51,849	51,849						
SHBNPP Corporate Private										
Security Investment Trust 8th	83,03	33 50.00	41,517	41,517						
Petra7alpha Private Equity										
Partnership	47,85	51 21.79	10,427	10,427						
KB Leaders ESG Professional										
Private Securities Investment Trust										
No.1	41,96	61 49.28	20,677	20,677						
Kyobo-Axa Investment Alpha Plus										
Private Securities Investment	104 45	75 49.95	E2 190	52.180						
Trust-J 11st VI Repo General Private Securities	104,47	49.95	52,180	52,160						
Investment Trust No.8	104,43	32 50.00	52,216	52,216						
Shinhan Corporation General	104,40	00.00	02,210	02,210						
Private Securities Investment Trust										
7th [bond]	103,99	95 49.91	51,902	51,902						
igis housing platform no.1	,		, -							
professional investors' private real										
estate fund	67,00	03 20.00	13,401	13,401						
BNK-T2021 Korea Support Venture										
Investment Association No. 1	34,29	95 32.00	10,974	10,974						

Kyobo Axa Clean Energy Center				
Professional Investment-type				
Private Equity Special Asset				
Investment Trust No. 1	39,413	28.30	11,155	11,155
Melon Asset Specialized	00,410	20.00	11,100	11,100
Investment-Type Private Equity				
Investment Trust No. 13	28,095	37.67	10,583	10,583
BNK Corporate MMF No.1 (Stock)	20,000	07.07	10,000	10,000
C	714,651	23.14	165,400	165,400
Hana Balance Professional	111,001	20.11	100,100	100,100
Investment Private No. 1 (Mixed				
Bond)	33,365	33.33	11,122	11,122
NH-Amundi General Private Equity	00,000	00.00	,	,
Investment Trust No.22 [bond]	62,510	50.00	31,255	31,255
Samsung Rafael General	02,010		0.,200	0.,200
Investment Private Security				
Investment Trust No.8	103,560	50.00	51,780	51,780
Hanhwa A Professional Investment	,		0 1,1 00	0.,.00
Private Security Investment Trust				
No.1(Bond)	207,268	25.13	52,084	52,084
Mirae Asset Triumph Professional	201,200	20.10	02,001	02,001
Investment Private No. 2	61,542	50.00	30,771	30,771
Hi General Private Equity Securities	0.,0.1		00,111	
Investment Trust No.32 (Bond)	102,681	50.00	51,340	51,340
DB Alpha Professional Investment	102,001	00.00	01,010	01,010
Private No. 2 (Mixed Bond)	30,948	33.28	10,299	10,299
Shinhan IPO Maturity Matching	00,010	00.20	,	,
Private Investment Trust No.2				
[WithBonds]	41,314	50.00	20,657	20,657
Kiwoom Frontier General Private	11,011	00.00	20,001	20,001
Securities Investment Trust 27th				
[bond]	62,375	50.00	31,188	31,188
Shinhan Corporation General	0_,010		01,100	0.,.00
Private Securities Investment Trust				
19th [bond]	61,779	50.00	30,890	30,890
Kiwoom Frontier General Private	0.,0		00,000	00,000
Securities Investment Trust 29th				
[bond]	92,564	33.33	30,855	30,855
Samsung REPO General Private	02,001	00.00	00,000	00,000
Equity Securities Investment Trust				
No. 1 (Bond)	104,213	30.00	31,264	31,264
Kyobo-Axa Alpha Plus General			0.,20.	0.,20.
Private Securities Investment				
Trust-J 19th [Bond]	60,115	50.00	30,058	30,058
KB Leaders General Investment	00,110		00,000	00,000
Private Security Investment Trust				
No.33 [bond]	100,042	30.00	30,013	30,013
Multi-Asset ESG Marine			00,010	00,010
Transportation Infra General				
Private Investment Trust No.1	56,816	92.07	52,309	52,309
Hanwha A Professional Investment	00,010	02.01	02,000	02,000
Private No. 120 (USD, bond)	135,190	20.00	27,038	27,038
Samsung Dollar S&B General	,	_3.00	,000	
Private Securites Investment Trust				
No.7(USD)(Bond)	104,951	25.00	26,238	26,238
		_3.00	,	

KB Korea Short-Term Bonds				
Premium General Private Equity				
Securities Investment Trust				
No.45(USD) [Bond]	51,914	50.00	25,957	25,957
Daishin Sell&Buy Professional				
Investment Private No. 4 (USD,				
bond)	51,599	50.00	25,800	25,800
Kyobo-Axa Alpha Plus General				
Private Securities Investment				
Trust-J 13th [Bond]	209,553	25.00	52,388	52,388
KB Leaders Professional				
Investment Private Security				
Investment Trust No.29 [bond]	103,154	50.00	51,577	51,577
Multi-Asset Hydrogen Infrastructure				
Professional Investment Private				
No. 1	58,150	49.30	28,665	28,665
Hyundai Investment Professional				
Investment Private Real Estate				
Investment Trust No.44	81,306	22.51	18,301	18,301
Others <sup>1</sup>	475,221		131,577	130,150

<sup>1</sup> The Group recognized impairment losses of  $\forall$ 12,692 million for the year ended December 31, 2023, which were reflected in share of loss from investments in associates.

## 16. INVESTMENTS IN ASSOCIATES AND JOINT VENTURE: (cont'd)

(In millions of Korean won)	2022									
	Net assets of associates and joint venture (A)		The Group's ownership (B) (%)		let assets vned (AXB)	Book	amount			
Investments in associates:										
BNK Intervalue Technology Finance	144	25 244	24.20	אג <i>ו</i> ר	12.006	<b>11</b>	12.006			
Investment Association ANDA H Mezzanine Private	₩	35,241	34.32	2₩	12,096	₩	12,096			
Investment Trust 11th		56,215	24.9	9	14,048		14,048			
Hana UBS Professional Investment		00,210	21.0	0	11,010		11,010			
Private Security Investment Trust										
No.7		153,459	20.3	2	31,184		31,184			
Shinhan Corporation General										
Private Securities Investment Trust										
14th		101,354	50.0	0	50,677		50,677			
BNKREPOPLUS Professional		70.000	00.4	~	00.007		00.007			
Investment Private Trust No.1		72,662	36.1	0	26,227		26,227			
Kyobo-Axa Investment Alpha Plus Private Securities Investment										
Trust-J 1st		50,495	39.9	2	20,156		20,156			
Kyobo-Axa Investment Alpha Plus		00,100		-	_0,.00		20,.00			
Private Securities Investment										
Trust-J 6st		82,799	36.5	8	30,289		30,289			
Kyobo-Axa Investment Alpha Plus										
Private Securities Investment										
Trust-J 8st		60,166	50.0	0	30,083		30,083			
VI Repo General Private Equity										
Securities Investment Trust No.9		60 000	50.0	0	20 445		20 115			
(Bond) DGB Professional Investment		60,889	50.0	0	30,445		30,445			
Private Security Investment Trust										
No.28 (Bond)		61,736	50.2	7	31,038		31,038			
KB Leaders Professional		- ,			- ,		- ,			
Investment Private Security										
Investment Trust No.12 [bond]		101,910	30.4	3	31,014		31,014			
KB Leaders Professional										
Investment Private Security		04 40 4	40.0		00.074		00.074			
Investment Trust No.15 [bond]		61,184	49.6	4	30,371		30,371			
Samsung Rafael Professional Investment Private Security										
Investment Trust No.3		101,418	50.0	0	50,708		50,708			
NH-Amundi General Private Equity		101,110	00.0	•	00,100		00,100			
Investment Trust No.18		60,964	50.0	0	30,482		30,482			
Shinhan IPO Maturity Matching										
Private Investment Trust										
[WithBonds]		172,084	30.2	9	52,133		52,133			
Shinhan BNPPS Grail Professional				_						
Private Special Asset Fund No.1-2		27,225	46.1	5	12,565		12,565			
Multi-Asset LNG General Private		20 404	60.0	7	05 460		0E 460			
Equity Investment Trust No.5		38,191	66.6	1	25,462		25,462			

Igis Ulsan New Port Infrastructure	05.040	24.00	07.400	07 400
Private Investment Trust	85,010	31.96	27,168	27,168
Multi-Asset KDB Ocean Value-up				
Professional Private Investment	20.045	50.00	14.000	44.000
Trust No.15	28,045	50.00	14,023	14,023
KB Korea Short-Term Bonds				
Premium General Private Equity	E4 470	05.04	10.070	40.070
Securities Investment Trust No.29	51,470	25.21	12,978	12,978
Samsung Rafael Professional				
Investment Private Security	100.040	50.00	F0 470	50 470
Investment Trust No.1	100,946	50.00	50,473	50,473
SHBNPP Corporate Private	00.000	50.00	40,400	10,100
Security Investment Trust 8th	80,800	50.00	40,400	40,400
Kiwoom Frontier Private Securities	101.001	00.44	~~~~~	~~~~~
Investment Trust 12th	101,061	39.41	39,829	39,829
Petra7alpha Private Equity		04 70	40.000	10.000
Partnership	47,575	21.79	10,366	10,366
KB Leaders ESG Professional				
Private Securities Investment Trust	40.000	10.00	40.000	10.000
No.1	40,302	49.28	19,860	19,860
Kyobo-Axa Investment Alpha Plus				
Private Securities Investment	101.110	50.00	50 530	50 570
Trust-J 11st	101,146	50.00	50,573	50,573
VI Repo General Private Securities	404.040	50.00	50.000	50.000
Investment Trust No.8	101,218	50.00	50,609	50,609
Shinhan Corporation General				
Private Securities Investment Trust	101.101	10.01	50.040	50.040
7th [bond]	101,461	49.91	50,642	50,642
Shinhan Corporation Private	100.054	50.00	50.000	50.000
Securities Investment Trust 15th	100,051	50.00	50,026	50,026
KIAMCO Aviation Specialized				
Investment Type Private Equity		00.04	44.450	44.450
Trust No.1	55,757	20.01	11,153	11,153
igis housing platform no.1				
professional investors' private real		00.00	10 5 10	10 5 10
estate fund	62,699	20.00	12,540	12,540
BNK-T2021 Korea Support Venture				
Investment Association No. 1	25,388	32.00	8,124	8,124
Kyobo Axa Clean Energy Center				
Professional Investment-type				
Private Equity Special Asset				
Investment Trust No. 1	25,021	28.30	7,081	7,081
Melon Asset Specialized				
Investment-Type Private Equity		<b>•</b> • •		
Investment Trust No. 13	17,068	34.17	5,833	5,833
Others	489,055		126,024	126,024

### 17. PROPERTY AND EQUIPMENT:

Property and equipment as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)	2023										
		Accumulated									
	Acquisition cost			cumulated preciation	impair Ios		Book amount				
Land	₩	433,835	₩	-	₩	-	₩	433,835			
Building		732,600		(147,402)		-		585,198			
Leasehold improvements		131,398		(107,551)		-		23,847			
Equipment and vehicles		586,834		(456,404)		-		130,430			
Construction in progress		67,989		-		-		67,989			
Right-of-use assets		173,167		(123,097)		-		50,070			
	₩	2,125,823	₩	(834,454)	₩	-	₩	1,291,369			

(In millions of Korean won)	2022										
	Accumulated										
	Acquisition cost			cumulated preciation	•	airment oss	Book amount				
Land	₩	416,829	₩	-	₩	-	₩	416,829			
Building		705,549		(130,619)		-		574,930			
Leasehold improvements		126,576		(101,831)		-		24,745			
Equipment and vehicles		547,840		(429,824)		-		118,016			
Construction in progress		32,982		-		-		32,982			
Right-of-use assets		139,146		(95,743)		-		43,403			
	₩	1,968,922	₩	(758,017)	₩	-	₩	1,210,905			

Changes in property and equipment for each of the two years in the period ended December 31, 2023 are as follows:

(In millions or Korean won)				2023			
	Beginning			Reclassifi-	Depreciati	•	Ending
	balance	Acquisition	Disposal	cation	on	Others	balance
Property and equipment:							
					$\forall \forall$		
Land	₩ 416,829	₩ -	₩ (1,953)	₩ 19,166	-	₩ (207)	₩ 433,835
Building	574,930	3,154	(2,587)	25,578	(15,643)	(234)	585,198
Leasehold improvements	24,745	5,957	(372)	3,885	(10,387)	19	23,847
Equipment and vehicles	118,016	41,598	(959)	12,619	(40,058)	(786)	130,430
Construction in progress	32,982	64,474	-	(29,467)	-	-	67,989
Right-of-use assets							
Properties	42,305	48,002	(3,903)	-	(38,145)	6	48,265
Vehicles	565	3,463	(2,183)	-	(892)	31	984
Others	533	2,940	764	-	(3,416)	-	821
					₩ (108,541		
	₩1,210,905	₩ 169,588	₩ (11,193)	₩ 31,781	)	₩ (1,171)	₩ 1,291,369

### 17. PROPERTY AND EQUIPMENT: (cont'd)

(In millions or Korean won)		2022											
	Beginning balance	Acquisitio n	)	Reclassifi- I Disposal cation		Depreciatio n		c	Others		Ending palance		
Property and equipment:													
Land	₩ 403,300	₩ 4	; '	₩ (2,426)	₩	15,910	₩	-	₩	-	₩	416,829	
Building	582,125	5,19		(4,924)		8,156		(15,600)		(18)		574,930	
Leasehold improvements	23,009	7,582	2	(542)		5,416		(10,711)		(9)		24,745	
Equipment and vehicles	99,220	39,408	5	(373)		18,743		(37,887)		(1,095)		118,016	
Construction in progress	13,865	44,308	5	-		(25,191)		-		-		32,982	
Right-of-use assets													
Properties	35,418	44,66	9	(4,274)		-		(33,536)		29		42,306	
Vehicles	2,158	(404	)	(584)		-		(608)		3		565	
Others	1,176	1,62	8	743				(3,015)				532	
	₩1,160,271	₩ 142,42	' ∀	∜ (12,380)	₩	23,034	₩	(101,357)	₩	(1,090)	₩	1,210,905	

Details of right-to-use assets as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)	2023										
	Properties Vehicles Others						Total				
Cost of right-of-use asset	₩	164,697	₩	1,736	₩	6,735	₩	173,168			
Accumulated depreciation		(116,432)		(752)		(5,914)		(123,098)			
Book amount of right-of-use asset	₩	48,265	₩	984	₩	821	₩	50,070			

(In millions of Korean won)	n) <u>2022</u>										
	Properties Vehicles Others					Total					
Cost of right-of-use asset	₩	132,660	₩	1,238	₩	5,248	₩	139,146			
Accumulated depreciation		(90,354)		(673)		(4,716)		(95,743)			
Book amount of right-of-use asset	₩	42,306	₩	565	₩	532	₩	43,403			

### 18. INTANGIBLE ASSETS:

Intangible assets as of December 31, 2023 and 2022 consisted of the following:

(In millions of Korean won)	n) <b>2023</b>										
	Acquisition cost			cumulated ortization		cumulated pairment loss	Book amount				
Software	₩	114,704	₩	(81,176)	₩	-	₩	33,528			
Goodwill		28,341		-		-		28,341			
Core deposits		167,297		(154,750)		-		12,547			
Development costs		279,430		(157,109)		-		122,321			
Others		97,992		(26,732)		(218)		71,042			
	₩	687,764	₩	(419,767)	₩	(218)	₩	267,779			

(In millions of Korean won)	2022											
	Ac	quisition cost		cumulated ortization		cumulated pairment loss	â	Book amount				
Software	₩	110,567	₩	(82,674)	₩	-	₩	27,893				
Goodwill		50,398		-		(22,057)		28,341				
Core deposits		167,297		(138,020)		-		29,277				
Development costs		249,288		(145,025)		-		104,263				
Others		149,117		(56,957)		(361)		91,799				
	₩	726,667	₩	(422,676)	₩	(22,418)	₩	281,573				

Changes in intangible assets for each of the two years in the period ended December 31, 2023 are as follows:

						2023						
Be	ginning					Reclassifi-					E	Inding
b	alance	Acq	uisition	Dis	sposal	cation	Am	ortization	0	thers	b	alance
₩	27,893	₩	20,182	₩	-	₩.	- ₩	(14,420)	₩	(127)	₩	33,528
	28,341		-		-			-		-		28,341
	29,277		-		-			(16,730)		-		12,547
	104,263		6,663		(9)	50,354	ļ	(38,094)		(856)		122,321
	91,799		50,016		(28)	(50,354)	)	(21,052)		661		71,042
₩	281,573	₩	76,861	₩	(37)	₩ .	₩	(90,296)	₩	(322)	₩	267,779
	Be b ₩	Beginning balance ₩ 27,893 28,341 29,277 104,263 91,799	Beginning balance         Acq           ₩         27,893         ₩           28,341         29,277           104,263         91,799	Beginning balance         Acquisition           ₩         27,893         ₩         20,182           28,341         -         -           29,277         -         -           104,263         6,663         -           91,799         50,016         -	Beginning balance         Acquisition         Distribution           ₩         27,893         ₩         20,182         ₩           28,341         -         -         -           29,277         -         -         -           104,263         6,663         -         -           91,799         50,016         -         -	Beginning balance         Acquisition         Disposal           ₩         27,893         ₩         20,182         ₩         -           28,341         -         -         -         -           29,277         -         -         -           104,263         6,663         (9)         91,799         50,016         (28)	Beginning balance         Acquisition         Disposal         Reclassifi- cation           ₩         27,893         ₩         20,182         ₩         -            28,341         -         -               29,277         -         -               104,263         6,663         (9)         50,354              91,799         50,016         (28)         (50,354)	Beginning balance         Acquisition         Disposal         Reclassifi- cation         Am           ₩         27,893         ₩         20,182         ₩         -         ₩         -         ₩           28,341         -         -         -         -         -         -           29,277         -         -         -         -         -         -           104,263         6,663         (9)         50,354         -         -         -           91,799         50,016         (28)         (50,354)         -         -	Beginning balance         Acquisition         Disposal         Reclassifi- cation         Amortization           ₩         27,893         ₩         20,182         ₩         -         ₩         -         ₩         (14,420)           28,341         -         -         -         -         -         -         -           29,277         -         -         -         (16,730)         104,263         6,663         (9)         50,354         (38,094)           91,799         50,016         (28)         (50,354)         (21,052)	Beginning balance         Acquisition         Disposal         Reclassifi- cation         Amortization         O           ₩         27,893         ₩         20,182         Ψ         -         Ψ         -         Ψ         (14,420)         Ψ           28,341         -	Beginning balance         Acquisition         Disposal         Reclassifi- cation         Amortization         Others           ₩         27,893         ₩         20,182         ₩         -         ₩         -         ₩         (14,420)         ₩         (127)           28,341         -         -         -         -         -         -         -           29,277         -         -         -         (16,730)         -         -         104,263         6,663         (9)         50,354         (38,094)         (856)         91,799         50,016         (28)         (50,354)         (21,052)         661	Beginning balance         Acquisition         Disposal         Reclassifi- cation         Amortization         Others         Best balance           ₩         27,893         ₩         20,182         ₩         -         ₩         -         ₩         (14,420)         ₩         (127)         ₩           28,341         -

### 18. INTANGIBLE ASSETS: (cont'd)

(In millions or Korean won)								2022						
		eginning balance	Acc	auisition	Dis	posal		classifi- cation	Am	ortization	fo cur	nges in reign rency others		inding alance
	N	alanoo	700	1010111011	010	poour		buttom	7.11	ontization	una	ounoro	~	ululioc
Software	₩	28,121	₩	11,726	₩	(2)	₩	758	₩	(12,546)	₩	(164)	₩	27,893
Goodwill		28,341		-		-		-		-		-		28,341
Core deposits		46,007		-		-		-		(16,730)		-		29,277
Development costs		86,228		4,992		-		43,030		(29,982)		(5)		104,263
Others		104,338		52,178		(286)		(43,788)		(20,653)		10		91,799
	₩	293,035	₩	68,896	₩	(288)	₩	-	₩	(79,911)	₩	(159)	₩	281,573

Impairment test on goodwill is based on value in use calculated by the recoverable amount of a CGU, and these calculations use pretax cash flow projections based on financial budgets covering a five-year period. The cost of capital reflected in discounting estimated cash flows is determined as follows:

#### BNK Savings Bank Co., Ltd.

Input	Applied rate	Basis				
Risk-free interest rate	3.60%	Average of one year from the valuation date				
Corporate Beta	0.21	Reflecting capital structure of similar companies				
Market rate premium ("MRP")	11.90%	Average MRP of one year from the valuation date				
Cost of capital	6.20%					

#### BNK Asset Management Co., Ltd.

Input	Applied rate	Basis
Risk-free interest rate	4.01%	Average of one year from the valuation date
Corporate Beta	0.81	Reflecting capital structure of similar companies
MRP	8.00%	Average MRP of one year from the valuation date
Cost of capital	10.24%	

# BNK Financial Group INC. and its subsidiaries Notes to the consolidated financial statements December 31, 2023 and 2022

#### 18. INTANGIBLE ASSETS: (cont'd) BNK Venture Capital Co., Ltd.

Input Applied rate Basis Average of one year from the valuation Risk-free interest rate 4.01% date Reflecting capital structure of similar Corporate Beta 1.15 companies Average MRP of one year from the MRP 8.00% valuation date Cost of capital 12.74%

As a result of the impairment test of goodwill, it is determined that the book amount of the CGU does not exceed the recoverable amount.

#### 19. INVESTMENT PROPERTIES:

Investment properties as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)	2023									
	Ace	quisition cost		umulated reciation	Accumulated impairment loss		Book amount			
Land	₩	447,364	₩	-	₩	-	₩	447,364		
Building		202,017		(32,342)		-		169,675		
	₩	649,381	₩	(32,342)	₩	-	₩	617,039		

(In millions of Korean won)	2022									
	Ac	quisition cost		umulated preciation	Accumulated impairment loss		Book amount			
Land	₩	465,954	₩	-	₩	-	₩	465,954		
Building		210,130		(28,443)		-		181,687		
	₩	676,084	₩	(28,443)	₩	-	₩	647,641		

Rental income from investment properties is  $\forall 16,963$  million and  $\forall 17,777$  million for each of the two years in the period ended December 31, 2023 respectively.

Expenses (including repairs and maintenance) directly related to the investment properties of which rental income was generated and no rental income was generated are  $\frac{1}{2},574$  million and  $\frac{1}{3},232$  million for each of the two years in the period ended December 31, 2023 respectively.

The fair value and assessment method of investment properties as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)		2023		2022	Valuation techniques	Input variables
Land	₩	527,815	₩	561,774	<ul> <li>The evaluation method of using officially assessed land pricing</li> <li>Sales comparison approach</li> </ul>	<ul> <li>Officially assessed land pricing</li> <li>Transaction price</li> <li>Discount rate</li> <li>Rent increase rate, etc.</li> </ul>
Building	₩	210,425	₩	198,906 760,680	<ul> <li>Evaluation by the prime cost</li> <li>Evaluation by the standard land cost</li> <li>Sales comparison approach</li> </ul>	<ul> <li>Repurchase cost</li> <li>Durable years</li> <li>Transaction price</li> <li>Rent increase rate, etc.</li> </ul>

### 19. INVESTMENT PROPERTIES: (cont'd)

Investment properties are classified as Level 3 and measured by independent professionals who have specialty and similar experience in the area of investment properties located recently.

Changes in investment properties for each of the two years in the period ended December 31, 2023 are as follows:

### (In millions of

Korean wo	on)
-----------	-----

Korean won	)						2023					
		Beginning balance	Acquisitior	1	Disposal		Reclassifi- cation		Deprecia tion	Others		Ending balance
Land	₩	465,954	₩	₩	_ +	₩	(18,590)	₩	- ₩	-	₩	447,364
Building		181,688	1,80	9		_	(7,327)		(6,545)	50	_	169,675
	₩	647,642	₩ 1,80	9 ₩	_ +	₩	(25,917)	₩	(6,545) ₩	50	₩	617,039

### (In millions of

Korean won)						2022						
	Beginning balance Acquisition Disposal			Reclassifi- cation		Deprecia tion	Others	Ending balance				
Land	₩	478,167	₩	-	₩	-	₩	(12,213)	₩	- ₩	-	₩ 465,954
Building		183,632	_	1,546		(84)		2,808		(6,194)	(21)	181,687
	₩	661,799	₩	1,546	₩	(84)	₩	(9,405)	₩	(6,194) ₩	(21)	₩ 647,641

### **Operating** lease

The Group entered into various operating lease agreements for land and buildings, which are classified as investment properties. The remaining periods of non-cancellable operating lease are within five years. The lease payments can be increased annually depending on the market condition under all operating lease agreements. The future minimum lease payments expected to be received in relation to the non-cancellable operating lease agreement for investment properties as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)		2023		2022
Within one year	₩	3,386	₩	4,183
Later than one year, but not later than two years		9,583		41,017
Later than two years, but not later than three years		16,541		363
Later than three years, but not later than five years		20,206		666
Later than five years		1,354		818
	₩	51,070	₩	47,047

# 20. OTHER ASSETS:

Other assets as of December 31, 2023 and 2022 consist of:

(In millions of Korean won)		2023	2022		
Guarantee deposits	₩	938	₩	748	
Articles for consumption		1,541		1,451	
Prepaid expenses		87,523		114,466	
Operating lease assets		1,740,131		1,353,327	
Prepaid lease assets		45,451		13,780	
Others		29,069		37,285	
	₩	1,904,653	₩	1,521,057	

Details of prepaid lease assets as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)		2023	2022		
Operating lease assets:					
Operating lease assets	$\forall \forall$	2,281,658	₩	1,890,764	
Accumulated depreciation		(620,465)		(593,163)	
Accumulated impairment loss		(512)		(512)	
		1,660,681		1,297,089	
Hedge lease assets:					
Hedge lease assets		12,412		12,412	
Accumulated depreciation		(1,472)		(1,472)	
Accumulated impairment loss		(10,940)		(10,940)	
		-		-	
Initial direct costs		82,462		59,764	
Prepaid lease assets		42,439		10,253	
	₩	1,785,582	₩	1,367,106	

#### 20. OTHER ASSETS: (cont'd)

#### Operating lease assets

Lessee of operating lease assets by industry based on the acquisition cost as of December 31, 2023 and 2022 is as follows:

(In millions of Korean won)		2023		2022					
	Transport equipment	General industrial equipment	Total	Transport equipment	General industrial equipment	Total			
Cost	₩ 2,272,162	₩ 21,908	₩ 2,294,070	₩ 1,880,930 ₩	₩ 22,246	₩ 1,903,176			
Accumulated depreciation Accumulated impairment	(612,886)	(9,050)	(621,936)	(585,355)	(9,280)	(594,635)			
losses	-	(11,453)	(11,453)		(11,452)	(11,452)			
Book amount	₩ 1,659,276	₩ 1,405	₩ 1,660,681	₩ 1,295,575 ₩	₩ 1,514	₩ 1,297,089			

The total of future minimum lease payments to the lessor at the end of the reporting period are as follows:

(In millions of Korean won)		2023	2022		
Within one year	₩	386,730	₩	329,203	
Later than one year, but not later than two years		301,572		210,709	
Later than two years, but not later than three years		221,555		154,695	
Later than three years, but not later than five years		199,378		138,505	
Later than five years		179		56	
	₩	1,109,414	₩	833,168	

# 21. DEPOSITS:

Deposits as of December 31, 2023 and 2022 consist of the followings:

(In millions of Korean won)		2023	2022		
Deposits in Korean won:					
Demand deposits	₩	12,407,668	₩	12,860,635	
Term deposits		84,851,080		80,459,024	
Mutual installment deposits		4,862		2,941	
Mutual installment for housing		2,660		3,116	
Others		291		3,400	
		97,266,561		93,329,116	
Deposits in foreign currencies		1,488,446		1,431,364	
Negotiable certificates of deposit		8,006,227		6,709,881	
	₩	106,761,234	₩	101,470,361	

# 22. FINANCIAL LIABILITIES AT FVTPL:

Financial liabilities at FVTPL as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)		2023		2022	Reason for designation
Financial liabilities at FVTPL:					
Securities sold	₩	178,149	₩	266,502	
		178,149		266,502	
Financial liabilities designated at FVTPL <sup>1:</sup>					
Equity-linked securities sold		473,913		328,597	Hybrid financial
Securities sold with embedded derivatives		453,466		259,689	instrument
Credit risk assessment adjustment		303		73	
Adjustment of gain and losses on valuation					
at transaction date		3,031		(4,199)	
		930,713		584,160	
	₩	1,108,862	₩	850,662	

<sup>1</sup> In accordance with KIFRS 1109, paragraph 6.7.1, the Group designated the financial liabilities at initial recognition (or subsequently) as FVTPL.

# 23. BORROWINGS:

Borrowings at amortized cost as of December 31, 2023 and 2022 consist of:

(In millions of Korean won)	Annual interest rate (%) Minimum Maximum			2023		2022
Borrowings in Korean won:						
The BOK	0.25	2.00	₩	606,671	₩	973,374
Others	-	11.00		4,056,254		4,286,526
				4,662,925		5,259,900
Borrowings in foreign currencies:						
Overdraft on our account	-	-		6,346		2,948
Banks	0.28	19.00		1,057,712		1,215,726
Others	0.57	7.25		346,107		456,502
				1,410,165		1,675,176
Call money	1.60	4.50		260,110		37,468
Bonds sold under repurchase agreement:						
Korean won	0.55	4.92		2,450,091		707,697
Foreign currencies	0.73	0.73		18,253		19,064
				2,468,344		726,761
Bills sold	1.50	3.81		16,301		19,196
Deferred expenses from borrowings				(1,969)		(2,412)
			₩	8,815,876	₩	7,716,089

Details of borrowings of financial institution as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)	2023								
	The BOK	Other banks	Others	Total					
Borrowings in Korean won Borrowings in foreign currencies	606,671 -	1,410,165	-	<ul><li>₩ 2,259,045</li><li>1,410,165</li></ul>					
Call money Bonds sold under repurchase	-	260,110	-	260,110					
agreement	400,000		1,049,253	1,449,253					
	₩ 1,006,671	₩ 2,007,649	₩ 2,364,253	₩ 5,378,573					

(In millions of Korean won)	2022									
	Т	The BOK Other banks			Others			Total		
Borrowings in Korean won Borrowings in foreign currencies Call money	₩	973,374	₩	397,196 1,675,176 37,468	₩	1,867,892	₩	3,238,462 1,675,176 37,468		
Bonds sold under repurchase agreement		-			107,663			107,663		
	₩	973,374	₩	2,109,840	₩	1,975,555	₩	5,058,769		

# 24. DEBENTURES:

Debentures issued by the Group as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)	<u>Annual inte</u> Minimum	r <u>est rate (%)</u> Maximum		2023		2022
Debentures in Korean won:						
Unsecured coupon bond	1.22	11.00	₩	11,930,818	₩	10,888,455
Subordinated bond	3.05	3.85		700,000		800,000
Present value discounts				(9,785)		(9,614)
				12,621,033		11,678,841
Debentures in foreign currencies:						
Senior bond	6.47	6.57		112,823		180,590
Subordinated bond	3.63	3.63		322,350		316,825
Loss on fair value hedge				(19,575)		(29,165)
Present value discounts				(1,221)		(1,634)
				414,377		466,616
			₩	13,035,410	₩	12,145,457

### 25. NET DEFINED BENEFIT LIABILITIES (ASSETS):

#### Defined benefit plan

The Group operates a retirement benefit plan, which is an arrangement, whereby the Group provides benefits as a lump sum, based on current salary and tenure of employment provided to employees on or after termination of their service. The retirement benefit plan is normally described as a defined benefit plan and its own characteristics are as follows:

The obligation of the Group is to pay existing and previous employees promised retirement benefits.
The Group will have the actuarial risk due to the fact that actual retirement benefits exceed expected retirement benefits and investment risk.

The defined benefit obligation recognized in the consolidated financial statements is measured by an independent actuary. The Group uses the projected unit credit method in order to determine defined benefit obligation.

Actuarial assumptions and variables, such as market rate risk, wage rate risk, death rate risk, consumer price index, expected rate of return and others, are based on market information and historical data, and are renewed annually. Profit or loss incurred from the change in actuarial assumptions and the difference between assumptions and actual results are recognized for the year.

As of December 31, 2023 and 2022 the amounts recognized in the consolidated statements of financial position related to postemployment benefits are as follows:

(In millions of Korean won)		2023		2022
Present value of funded defined benefit obligations Fair value of plan assets	₩	639,498 (798,115)	₩	569,699 (763,342)
Net defined benefit liabilities (assets) <sup>1</sup>	₩	(158,617)	₩	(193,643)

<sup>1</sup> As of December 31, 2023, the amounts recognized under the defined benefit plan of  $\forall$ 158,617 million represent the net defined benefit assets of  $\forall$ 162,105 million less net defined benefit liabilities of  $\forall$ 3,488 million.

# 25. NET DEFINED BENEFIT LIABILITIES (ASSETS): (cont'd)

Changes in the net defined benefit liabilities for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)	2023							
	defin	Present value of defined benefit obligation Plan assets				Total		
Beginning balance	₩	569,699	₩	(763,342)	₩	(193,643)		
Current service cost		51,657		-		51,657		
Interest expenses (interest revenues)		30,879		(42,480)		(11,601)		
		82,536		(42,480)		40,056		
Remeasurements: Expected return on plan assets Actuarial gains arising from changes in demographic assumptions		- (905)		18,678		18,678 (905)		
Actuarial losses arising from changes in financial assumptions Others		39,240 (23,808) 14,527		- 6 18,684		39,240 (23,802) 33,211		
Contributions from the employer Benefits paid Transfer of employees between the		(29,126)		(37,621) 28,638		(37,621) (488)		
Group and the related companies Ending balance	₩	<u>1,862</u> 639,498	₩	(1,994) (798,115)	₩	<u>(132)</u> (158,617)		
Linuing balance	v v	059,430	٧V	(130,113)	v v	(100,017)		

# 25. NET DEFINED BENEFIT LIABILITIES (ASSETS): (cont'd)

(In millions of Korean won)	2022							
	Present value of defined benefit obligation Plan assets				Total			
Beginning balance	₩	658,021	₩	(676,739)	₩	(18,718)		
Current service cost		61,774		-		61,774		
Interest expenses (interest revenues)		20,813		(22,103)		(1,290)		
		82,587		(22,103)		60,484		
Remeasurements: Expected return on plan assets Actuarial gains arising from changes in demographic assumptions		- (125)		11,900		11,900 (125)		
Actuarial gains arising from changes in financial assumptions Others		(145,405) <u>26,420</u> (119,110)		- 2 11,902		(145,405) <u>26,422</u> (107,208)		
Contributions from the employer Benefits paid Transfer of employees between the		(471) (51,551)		(127,012) 50,592		(127,483) (959)		
Group and the related companies		223		18		241		
Ending balance	₩	569,699	₩	(763,342)	₩	(193,643)		

Details of fair values of plan assets as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won and	_	202	23	2022			
in percentage, %)	A	mount	Ratio (%)	Amount		Ratio (%)	
Time deposits	₩ 780,		97.73	₩ 763,244		99.99	
Others		18,088	2.27	98		0.01	
	₩	798,116	100	₩	763,342	100.00	

The significant actuarial assumptions as of December 31, 2023 and 2022 are as follows:

(In percentage, %)	2023	2022
Discount rate	4.41 - 5.66	5.20 - 6.41
Salary growth rate (including inflation)	3.88 – 7.18	1.83 – 7.30

#### 25. NET DEFINED BENEFIT LIABILITIES (ASSETS): (cont'd)

Assuming that all the other assumptions remain as they are at the end of the reporting period, the effect of the defined benefit obligation to changes in the principal assumptions is as follows:

(In millions of Korean won)	1%	increase	1% decrease		
Change in discount rate	₩	(72,348)	₩	84,794	
Change in salary growth rate		86,029		(74,161)	

The Group reviews the funding level on an annual basis and has a policy of eliminating deficit from the fund.

The weighted-average duration of the defined benefit obligation is 9.74 years and 10.01 years for each of the two years in the period ended December 31, 2023 respectively.

The expected maturity analysis of undiscounted pension benefits as of December 31, 2023 and 2022 is as follows:

(In millions of Korean won)	on)					2023			
		ss than I year	Between 1 year – 2 years			Between 2 – 5 years		ore than 5 years	Total
Pension benefits	₩	26,305	₩	34,916	₩	147,311	₩	861,688	₩ 1,070,220

(In millions of Korean won)	2022										
	Less than 1 year		Between 1 year – 2 years		Between 2 – 5 years		More than 5 years		Total		
Pension benefits	₩	20,811	₩	27,511	₩	123,671	₩ 902,553	₩	1,074,546		

### 26. PROVISIONS:

Details of provisions for other liabilities and charges as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)		2023	2022
Provision for acceptances and guarantees	₩	5,224 ₩	12,669
Provision for unused credit limit		44,794	37,694
Financial guarantee contract liabilities		2,047	1,661
Provision for restoration costs		13,669	13,444
Provision for credit card point		433	739
Others <sup>1</sup>		125,579	56,204
	₩	191,746 ₩	122,411

<sup>1</sup>  $\forall$  8,961 million and  $\forall$  8,654 million of provisions accumulated due to the embezzlement of the Group's employee are included in other provisions as of December 31, 2023 and 2022, respectively.

Changes in provision for acceptances and guarantees and provision for unused credit limit for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)	2023											
	Twelv	e months	Expe	ected lifetim	losses							
	expected credit losses		Unrecognized impairment		Recognized impairment			Total				
Beginning balance	₩	27,245	₩	23,585	₩	1,193	₩	52,023				
Transfer to 12 months expected credit loss		4,683		(4,683)		-		-				
Transfer to expected lifetime credit losses		(1,332)		1,332		-		-				
Transfer to credit-impaired financial liabilities		(17)		(28)		45		-				
Foreign currency translation and others		2		27		-		29				
Others		(2)		(74)		-		(76)				
		30,579		20,159		1,238		51,976				
Provision (reversal)		3,944		(4,332)		477		89				
Ending balance	₩	34,523	₩	15,827	₩	1,715	₩	52,065				

### 26. PROVISIONS: (cont'd)

(In millions of Korean won)	2022												
	Twelv	e months	Expected lifetime credit losses										
	expected credit losses			cognized airment		ognized iirment		Total					
Beginning balance	₩	28,694	₩	14,836	₩	4,183	₩	47,713					
Transfer to 12 months expected													
credit loss		3,812		(3,757)		(55)		-					
Transfer to expected lifetime credit													
losses		(2,609)		2,617		(8)		-					
Transfer to credit-impaired financial													
liabilities		(120)		(17)		137		-					
Foreign currency translation													
and others		47		138		-		185					
Others		213		(349)		(5)		(141)					
		30,037		13,468		4,252		47,757					
Provision (reversal)		(2,792)		10,117		(3,059)		4,266					
Ending balance	₩	27,245	₩	23,585	₩	1,193	₩	52,023					

Changes in other provisions for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)		2023									
	Beginning balance		Increase		Decrease		Others		Ending balance		
Provision for restoration											
costs	₩	13,444	₩	779	₩	(511)	₩	(41)	₩	13,670	
Provision for credit card point		740		-		(307)		-		433	
Others <sup>1</sup>		56,204		87,368		(17,994)		-		125,578	
	₩	70,387	₩	88,147	₩	(18,812)	₩	(41)	₩	139,681	

<sup>1</sup> As for the provisions related to the Lime Asset Management redemption deferral period, the Group's sales of Lime Asset Management redemption deferral fund were  $\forall$ 60,975 million as of December 31, 2023, and  $\forall$ 28,801 million was recognized as provision.

# 26. PROVISIONS: (cont'd)

(In millions of Korean won)										
	Beginning balance		Increase		Decrease		Others		Ending balance	
Provision for restoration										
costs	₩	10,984	₩	2,821	₩	(398)	₩	37	₩	13,444
Provision for credit card point		838		56		(155)		-		739
Provision for litigation		471		-		(471)		-		-
Others <sup>1</sup>		47,496		16,336		(7,628)		-		56,204
	₩	59,789	₩	19,213	₩	(8,652)	₩	37	₩	70,387

<sup>1</sup> As for the provisions related to the Lime Asset Management redemption deferral period, the Group's sales of Lime Asset Management redemption deferral fund were  $\forall$ 62,545 million as of December 31, 2022, and  $\forall$ 44,047 million was recognized as provision.

Asset retirement obligation liabilities represent the estimated cost to restore the existing leased properties, which is discounted to the present value using the appropriate discount rate at the end of the reporting period. Disbursements of such costs are expected to incur at the end of lease contract, and such costs are reasonably estimated using the past three-year historical data of average lease year of expired leases. In addition, the expected restoration expense is calculated based on the average of actual costs incurred in the past and the prior year's inflation rate.

# 27. OTHER LIABILITIES:

Other liabilities as of December 31, 2023 and 2022 consist of the followings:

(In millions of Korean won)		2023	2022			
Other financial liabilities:						
Due to trust accounts	₩	1,063,674	₩	423,461		
Due to fund accounts		1,084		1,670		
Foreign exchange remittances pending		28,423		37,960		
Prepaid card liabilities		13,590		13,984		
Debit card liabilities		13,675		13,673		
Deposits for letter of guarantees and others		582,836		440,116		
Present value discounts		(65,856)		(28,665)		
Accounts payable		582,877		588,271		
Accrued expenses		1,584,149		1,100,470		
Agency business accounts		133,134		135,795		
Unsettled domestic exchange liabilities		258,078		145,472		
Deposits held by agency relationship		106,354		103,642		
Guarantee deposits for securities subscription		6,340		8,087		
Lease liabilities		42,944		33,566		
Accrued marketable securities		-		-		
Remittance pending		560		210		
Others		433,535		280,534		
		4,785,397		3,298,246		
Other non-financial liabilities:						
Withholding taxes		53,865		36,247		
Unearned revenues		117,352		104,299		
Others		31,142		23,742		
		202,359		164,288		
	₩	4,987,756	₩	3,462,534		

Lease liabilities by term structures as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)						20	23					
		s than nonth		ionth – ionths		3 – 12 months		1 year – 5 years		ore than 5 years		Total
Lease liabilities	₩	1,851	₩	3,640	₩	13,364	₩	23,448	₩	2,791	₩	45,094
(In millions of Korean won)						20	22					
		s than nonth		ionth – ionths		3 – 12 months		1 year – 5 years		ore than 5 years		Total
Lease liabilities	₩	1,594	₩	2,871	₩	9,461	₩	18,407	₩	2,415	₩	34,748

### 27. OTHER LIABILITIES: (cont'd)

The amounts recognized in the consolidated statement of comprehensive income related to leases as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)		2023	2023
Depreciation in right-of-use assets			
Properties	₩	38,145 ₩	33,536
Constructions		3,416	3,015
Vehicles		892	608
	₩	42,453 ₩	37,159
Interest rate of lease liabilities (included in final	ancial		
cost)	₩	1,356 ₩	822
Leases of low-value assets that are not short	-term		
leases (included in administrative expense)		2,621	1,501

Cash outflows from lease contract were  $\forall 34,459$  million (Low-value leases  $\forall 2,621$  million included) as of December 31, 2023, and  $\forall 33,318$  million (Low-value leases  $\forall 1,501$  million included) as of December 31, 2022.

# 28. <u>EQUITY:</u>

#### (a) Share capital

As of December 31, 2023, the Group has 700 million shares authorized with a par value of #5,000 and 322,088,438 shares have been issued. The Parent Company's share capital as of December 31, 2023, amounts to #1,629,676 million.

#### (b) Other paid-in capital

Other paid-in capital as of December 31, 2023 and 2022 is as follows:

(In millions of Korean won)	2	2023		2022	
Share premium	₩	678,953	₩	678,953	
Other reserves		102,340		102,340	
Treasury shares		-		(6,997)	
Gain on disposal of treasury share		5,826		5,826	
Loss on disposal of treasury share		(122)		(122)	
Capital adjustment-other		(1,871)		(1,096)	
	₩	785,126	₩	778,904	

#### (c) Hybrid equity securities

Details of hybrid equity securities issued by the Parent Company as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)	Issue date	Maturity	Interest rate (%)		2023		2022
Hybrid equity securities in Korean won	2015.06.24	2045.06.24	5.10	₩	30,000	₩	30,000
	2018.02.13	-	4.83		-		100,000
	2018.03.02	-	4.26		-		150,000
	2019.02.20	-	3.74		100,000		100,000
	2019.08.29	-	3.20		100,000		100,000
	2020.02.19	-	3.35		150,000		150,000
	2020.06.23	-	3.30		100,000		100,000
	2020.08.04	-	3.38		100,000		100,000
	2023.09.22		5.70		150,000		-
Issuance cost					(2,364)		(2,608)
				₩	727,636	₩	827,392

### 28. EQUITY: (cont'd)

Hybrid equity securities classified as non-controlling equity as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)	Issue date	Maturity	Interest rate (%)		2023		2022
Hybrid equity securities in Korean won	2013.04.25	2043.04.25	4.75	₩	-	₩	60,000
	2013.05.27	2043.05.27	4.83		-		40,000
	2013.10.25	2043.10.25	5.55		-		90,000
	2013.11.07	2043.11.07	5.72		-		10,000
	2013.11.11	2043.11.11	6.00		-		37,000
	2013.11.28	2043.11.28	6.14		-		63,000
	2018.05.04	-	4.50		-		100,000
	2018.06.26	-	4.65		-		100,000
	2019.04.29	-	3.60		100,000		100,000
	2022.04.07	-	4.30		150,000		150,000
	2022.05.10	-	5.20		200,000		200,000
Issuance cost					(1,298)		(2,413)
				₩	448,702	₩	947,587

The Group can exercise its right to early repayment after 5 or 10 years after issuing hybrid equity securities, and at the date of maturity, the contractual agreements allow the group to indefinitely extend the maturity date with the same contractual terms. In addition, the Group decides not to pay the dividends of ordinary share at general shareholders' meeting; the Group may not pay interest on the hybrid equity securities.

#### (d) Other components of equity

Other components of equity as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)		2023		2022
Gain (loss) on valuation of financial instruments at				
fair value through other comprehensive income	₩	62,108	₩	(135,310)
Exchange differences on translation of foreign				
operations		19,087		15,318
Remeasurements of net defined benefit liabilities		(105,454)		(73,146)
Loss on valuation of hedges of net investments in				
foreign operations		(31,653)		(26,519)
Share of other comprehensive income of associates		1,267		2,422
Others		2,373		(74)
Tax effects		13,173		56,935
	₩	(39,099)	₩	(160,374)

# 28. EQUITY: (cont'd)

Changes in accumulated other comprehensive income for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)	2023									
			CI	nanges						
	Be	eginning	(excl	uded from	Red	classification			E	Inding
	t	balance	reclas	sification)		1	Та	x effects	b	alance
Gain (loss) on valuation of										
financial instruments at fair										
value through other										
comprehensive income	₩	(99,858)	₩	186,659	₩	11,720	₩	(50,063)	₩	48,458
Exchange differences on										
translation of foreign										
operations		11,305		3,699		-		(726)		14,278
Remeasurements of net										
defined benefit liabilities		(53,982)		(33,212)		-		8,315		(78,879)
Gain (loss) on valuation of										
hedges of net investments										
in foreign operations		(19,571)		(5,352)		-		1,246		(23,677)
Share of other										
comprehensive income										
(loss) of associates		1,787		(809)		-		(30)		948
Changes of credit risk of										
financial liabilities at										
FVTPL		(55)		(230)		-		58		(227)
	₩	(160,374)	₩	150,755	₩	11,720	₩	(41,200)	₩	(39,099)

<sup>1</sup> The increase and decrease in financial asset valuation profit or loss at fair value through other comprehensive income is a change due to the period evaluation and the reclassification adjustments. The reclassification adjustments are changes in disposal and impairment losses during the current year.

# BNK Financial Group INC. and its subsidiaries Notes to the consolidated financial statements December 31, 2023 and 2022

# 28. EQUITY: (cont'd)

(In millions of Korean won)						2022				
				Changes						
	E	Beginning	(ex	cluded from	Re	classification				Ending
		balance	rec	lassification)		1		Tax effects		balance
Gain (loss) on valuation of										
financial instruments at fair										
value through other										
comprehensive income	₩	18,526	₩	(159,280)	₩	768	₩	40,128	₩	(99,858)
Exchange differences on										
translation of foreign										
operations		(2,573)		17,589		-		(3,711)		11,305
Remeasurements of net										
defined benefit liabilities		(133,656)		106,443		-		(26,769)		(53,982)
Gain (loss) on valuation of										
hedges of net investments										
in foreign operations		(4,655)		(19,941)		-		5,025		(19,571)
Share of other comprehensive income										
(loss) of associates		173		4,092		-		(2,478)		1,787
Changes of credit risk of										
financial liabilities at										
FVTPL		24		(106)		-		27		(55)
	₩	(122,161)	₩	(51,203)	₩	768	₩	12,222	₩	(160,374)

<sup>1</sup> The increase and decrease of financial asset valuation profit or loss at fair value through other comprehensive income is a change due to the period evaluation and the reclassification adjustments. The reclassification adjustments are changes in disposal and impairment losses during the current year.

#### 28. EQUITY: (cont'd)

#### (e) Retained earnings

Retained earnings as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)		2023	2022		
Reserve:					
Legal reserves <sup>1</sup>	₩	933,650	₩	827,329	
Reserve for credit loss		441,563		568,892	
Voluntary reserves		3,465,716		3,028,104	
		4,840,929		4,424,325	
Retained earnings before appropriation		2,280,731		2,342,373	
	₩	7,121,660	₩	6,766,698	

<sup>1</sup> Article 53 of The *Financial Holding Companies Act* requires a Parent Company to appropriate at least 10% of profit for the period to legal reserve, until such reserve equals 100% of its paid-up capital. This reserve is not available for payment of cash dividends; however, it can be used to reduce deficit or be transferred to capital. *Regulatory reserve for credit loss* 

In accordance with the Regulations for Supervision of Financial Company Holding, if provision for impairment under KIFRSs for the accounting purpose do not exceed those for the regulatory purpose, the Group discloses such shortfall amount as regulatory reserve for credit loss. Due to the fact that regulatory reserve for credit loss is a voluntary reserve, amounts exceeding the existing reserve for credit loss are over the compulsory reserve for credit loss at the period-end date and are able to be reversed in profit. In case of accumulated deficit, the Group should set aside reserve for credit loss at the time when accumulated deficit is gone.

Regulatory reserve for credit loss as of December 31, 2023 and 2022 is as follows:

(In millions of Korean won)		2023	2022		
Provided reserve for credit loss <sup>1</sup>	₩	441,563	₩	568,892	
Expected reversal of reserve for credit loss		(72,724)		(127,329)	
Regulatory reserve for credit loss:	₩	368,839	₩	441,563	
Owners of the Parent Company	₩	368,839	₩	441,563	
Non-controlling interests		-		-	

<sup>1</sup> Provided reserve for credit loss as of December 31, 2023 and 2022 is the amount after appropriations of retained earnings.

### 28. EQUITY: (cont'd)

Expected provision of reserve for credit losses, adjusted profit after the provision of regulatory reserve and adjusted earnings per share after the provision of regulatory reserve for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)		2023	2022		
Profit for the year of owners of the Parent Company	₩	639,780	₩	784,980	
Reversal of reserve for credit losses		72,724		127,329	
Adjusted profit after the provision of regulatory reserve <sup>1</sup>	₩	712,504	₩	912,309	
Adjusted earnings per share after the provision of regulatory reserve <sup>1</sup> ( <i>in Korean won</i> )	₩	2,130	₩	2,719	

<sup>1</sup> Adjusted profit and earnings per share after provision of reserve for credit loss are not in accordance with KIFRSs, but are calculated on the assumption that provision or reversal of reserve for credit loss is adjusted to the profit for the year of owners of the Parent Company. Earnings per share after provision of reserve for credit loss are presented net of dividends on hybrid equity securities.

(In millions of Korean won)		2023	2022		
Dividends on hybrid equity securities	₩	(25,678)	₩	(30,188)	
Adjusted profit after reflecting dividend effect		686,826		882,121	
Weighted-average number of ordinary shares					
outstanding	322,39	3,506 shares	324,4	31,669 shares	
Adjusted earnings per share after the provision of					
regulatory reserve (in Korean won)	₩	2,130	₩	2,719	

(f) Treasury shares

Acquisition and retirement of treasury shares for each of the two years in the period ended December 31, 2023 are as follows.

(In millions of Korean won and	2023	3	2022			
in shares	Number of shares	Carrying amount	Number of shares	Carrying amount		
Beginning balance	1,503,577 ₩	6,997	1,503,577 ₩	6,997		
Acquisition <sup>1</sup>	2,343,231	16,000	-	-		
Retirement <sup>2</sup>	(3,846,808)	(22,997)	-	-		
	_ ₩	_	1,503,577 ₩	6,997		

<sup>1</sup> In order to enhance shareholders' value, the Group entered into a treasury shares trust agreement with Korea Investment & Securities Co., Ltd., through which the Group acquired treasury shares.

<sup>2</sup> On August 10, 2023, the Group completed the retirement of all 3,846,808 treasury shares.

#### 29. NET INTEREST INCOME:

Net interest income, interest income and expenses for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)	2023		2022	
Interest income:				
Due from banks	₩	31,148	₩	16,291
Financial instruments at fair value				
through profit or loss		143,075		77,008
Financial instruments at fair value				
through other comprehensive income		144,655		72,565
Financial assets at amortized cost		234,634		189,660
Loans receivable		6,138,209		4,423,438
		6,691,721		4,778,962
Interest expense:				
Deposit liabilities		(3,016,787)		(1,366,297)
Borrowings		(275,011)		(154,788)
Debentures		(443,128)		(311,882)
Others		(51,341)		(24,889)
		(3,786,267)		(1,857,856)
Net interest income	₩	2,905,454	₩	2,921,106

#### 30. NET COMMISSION INCOME:

Net commission income, commission income and expenses for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)	2023		:	2022
Commission income:				
Commission received	₩	390,949	₩	530,071
Guarantees		11,691		13,055
Credit card		6,903		8,176
Others		827		1,437
		410,370		552,739
Commission expenses:				
Commission paid		(103,007)		(101,957)
Credit card		(66,084)		(61,942)
		(169,091)		(163,899)
Net commission income	₩	241,279	₩	388,840

# 31. GAIN OR LOSS ON FINANCIAL ASSETS AT FVTPL:

Gain or loss on financial assets at FVTPL for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)		2023	2022		
Gain on financial assets at FVTPL:					
Gain on disposal of financial assets at FVTPL	₩	8,742	₩	1,170	
Gain on sale of financial assets at FVTPL		297,698		210,202	
Gain on valuation of financial assets at FVTPL		150,775		93,626	
Dividend income and others		55,877		58,360	
		513,092		363,358	
Loss on financial assets at FVTPL:					
Loss on disposal of financial assets at FVTPL		(2,913)		(1,699)	
Loss on sale of financial assets at FVTPL		(289,167)		(220,000)	
Loss on valuation of financial assets at FVTPL		(59,421)		(145,930)	
Purchase expenses of financial assets at FVTPL		(7)		(16)	
		(351,508)		(367,645)	
Net gain (loss) on financial assets at FVTPL	₩	161,584	₩	(4,287)	

# 32. <u>GAIN OR LOSS ON FINANCIAL ASSETS AT FAIR VALUE THROUGH OTHER</u> <u>COMPREHENSIVE INCOME:</u>

Gain or loss on financial assets at fair value through other comprehensive income for each of the two years in the period ended December 31, 2023 is as follows:

(In millions of Korean won)		2023	2022
Gain on financial assets at fair value through other comprehensive income: Gain on sale of financial assets at fair value			
	₩	1.787	₩ 27
through other comprehensive income	vv	<b>y</b> =	
Reversal of impairment loss		221	298
Dividend income		4,274	4,320
		6,282	4,645
Loss on financial assets at fair value through other comprehensive income: Loss on sale of financial assets at fair value			
through other comprehensive income		(46)	(1,482)
Impairment loss on financial assets at fair value			
through other comprehensive income		(1,438)	(354)
		(1,484)	(1,836)
Net gain on financial assets at fair value through			
other comprehensive income	₩	4,798	₩ 2,809

# 33. GAIN OR LOSS ON FINANCIAL ASSETS AT AMORTIZED COST:

Gain or loss on financial assets at amortized cost for each of the two years in the period ended December 31, 2023 is as follows:

(In millions of Korean won)	2023	2022
Gain on financial assets at amortized cost: Gain on sale of financial assets at amortized cost Reversal of impairment loss on financial assets at	₩ -	₩ -
amortized cost	756	1,067
	756	1,067
Loss on financial assets at amortized cost: Loss on sale of financial assets at amortized cost Impairment loss on financial assets at amortized	-	-
cost	(1,002)	(783)
	(1,002)	(783)
Net gain (loss) on financial assets at amortized cost	₩ (246)	₩ 284

# 34. PROVISION FOR CREDIT LOSS:

Provision for credit loss for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)		2023		2022
Reversal of provision for credit loss and others:				
Reversal of provisions:				
Reversal of provision for impairment	₩	13	₩	12
Reversal of provision for credit loss on				
acceptances and guarantees		7,537		59
Reversal of provision for credit loss on financial				
guarantee contract		-		2,773
Reversal of provision for credit loss on unused				
credit limits		-		2,715
		7,550		5,559
Gain on disposal of loans receivable		138,089		78,933
Gain on loans receivable at FVTPL		5,116		482
		150,755		84,974
Or while the second side of the second states and				
Contribution to provision for credit loss and others:				
Contribution to provisions:		(000 747)		
Impairment loss Contribution to provision for credit loss on		(866,747)		(544,657)
•		(64)		(5,667)
acceptances and guarantees Contribution to provision for credit loss on unused		(64)		(5,667)
credit limits		(7 102)		(4,123)
Contribution to provision for credit loss on		(7,102)		(4,123)
financial guarantee contract		(460)		(25)
iniariolal guarantee contract		(874,373)		(554,472)
Loss on disposal of loans receivable		(27,738)		(8,916)
Loss on loans receivable at FVTPL		(27,738) (8,019)		(0,910) (41)
		(910,130)		(563,429)
Contribution to provision for credit loss	₩	(759,375)	₩	(478,455)
		(100,010)		(10,10)

### 35. GENERAL AND ADMINISTRATIVE EXPENSES:

General and administrative expenses for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)		2023	2022	
Employee benefits:				
Salaries	₩	636,954	₩	679,589
Employee benefit expenses		181,563		176,900
Postemployment benefits		52,950		82,942
Termination benefits		15,654		48,447
		887,121		987,878
Rent		13,887		12,229
Business promotion expenses		28,487		29,637
Depreciation		115,086		107,551
Amortization		90,296		79,911
Taxes and dues		68,187		56,542
Other administrative expenses		272,901		247,435
	₩	1,475,965	₩	1,521,183

#### (a) Share-based payments

The Group has granted share-based payments to its executives and employees, and measured the cost of the share options by a fair value approach. The share-based payments is an incentive plan that sets, on grant date, the maximum number of shares that can be awarded. Actual shares to be granted are determined and paid in cash, in accordance with achievement of performance targets over the vesting period.

The performance compensation linked to short-term performance and long-term performance for the chairman, the bank president and the other executives shall be paid in cash in the following year of evaluation period, and the remaining compensations shall be deferred in connection with the share price.

# 35. GENERAL AND ADMINISTRATIVE EXPENSES: (cont'd)

The terms and conditions of granted share options as of December 31, 2022, are as follows:

#### i) Linked to short-term performance

(In shares)	2021	2022	2023
Number of shares granted	103,177	649,857	69,646
Residual shares	51,533	433,252	69,646
Date of grant	2021-02-28	2022-02-25	2023-02-14
Grant method	Cash-settled share-based payment	Cash-settled share-based payment	Cash-settled share-based payment
Exercise price	₩-	₩-	₩-
Vesting conditions	Service period/non-market performance	Service period/non-market performance	Service period/non-market performance
Settlement method	Cash	Cash	Cash
Service period	1 year	1 year	1 year

#### ii) Linked to long-term performance

(In shares)	2017	2018	2019	2020	2021	2022	2023
Number of shares granted	169,605	112,430	33,620	1,212,858	3,150,758	1,825,228	2,393,071
Residual shares	12,059	7,748	2,748	644,696	2,173,420	1,507,358	1,948,531
Date of grant	2017-01-01	2018-01-01	2019-01-01	2020-01-01	2021-01-01	2022-01-01	2023-01-01
Grant method	Cash-settled share-based payment						
Exercise price	₩-	₩-	₩-	₩-	₩-	₩-	₩-
Vesting condition s	Service period/non- market performance						
Settlement method	Cash						
Service period	3 years	3 years	3 years	1 year	1 year	1 year	1 year

### 35. GENERAL AND ADMINISTRATIVE EXPENSES: (cont'd)

(In shares)	Deferred grant in 2024	Deferred grant in 2025	Deferred grant in 2026	Deferred grant in 2027
Residual shares <sup>1</sup>	773,033	919,735	592,437	167,796
	Cash-settled	Cash-settled	Cash-settled	Cash-settled
Grant method	share-based payment	share-based payment	share-based payment	share-based payment
Exercise price	₩-	₩-	₩-	₩-
Settlement method	Cash	Cash	Cash	Cash
Vesting conditions	Vested	Vested	Vested	Vested

<sup>1</sup> The number of deferred grants is less than the granted shares after meeting the vesting conditions at the end of reporting period.

Changes in granted number of share options for each of the two years in the period ended December 31, 2023 are as follows:

#### i) Linked to short-term performance

(In shares)	2023	2022
Beginning balance	914,745	612,596
Granted	69,646	649,857
Exercised	(429,960)	(347,708)
Ending balance	554,431	914,745

#### ii) Linked to long-term performance

(In shares)	2023	2022
Beginning balance	4,889,202	4,312,698
Granted	2,393,071	1,834,519
Exercised	(367,745)	(132,424)
Others	(617,968)	(1,125,591)
Ending balance	6,296,560	4,889,202

# 35. GENERAL AND ADMINISTRATIVE EXPENSES: (cont'd)

(In shares)	Deferred grant		
	2023	2022	
Beginning balance	2,724,069	1,420,221	
Granted	291,412	1,210,308	
Exercised	(359,191)	(44,082)	
Others	(203,289)	137,622	
Ending balance	2,453,001	2,724,069	

The fair value of share options and the significant inputs into the option-pricing model as of December 31, 2023, are as follows:

(In Korean won)					2023				
	Option pricing model		Share price	Exercise price	Price volatility	Expected option life	Risk-free interest rate	Fai	r value
Grant expected in 2024	Black-Scholes Model	₩	7,140	-	15.69%	1 year	3.43%	₩	6,671
Grant expected in 2025	Black-Scholes Model		7,140	-	20.97%	2 years	3.24%		6,233
Grant expected in 2026	Black-Scholes Model		7,140	-	22.73%	3 years	3.15%		5,825

Expenses recognized related to the share option granted for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)	2023		2022		
Linked to short-term performance	₩	1,248	₩	1,108	
Linked to long-term performance		13,508		6,697	

Liabilities recognized related to the share-option granted for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)		2023	2022		
Accrued expenses (short-term performance)	₩	5,706	₩	7,992	
Accrued expenses (long-term performance)		38,130		27,081	

### 36. OTHER OPERATING INCOME AND EXPENSES:

Gains and losses on foreign currency transactions for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)		2023	2022		
Gains on foreign currency transactions:					
Gain on foreign currency transactions	₩	564,024 ₩	378,378		
Foreign currency translation gains		164,727	174,642		
		728,751	553,020		
Losses on foreign currency transactions:					
Loss on foreign currency transactions		(534,855)	(365,024)		
Foreign currency translation losses		(161,055)	(175,218)		
		(695,910)	(540,242)		
	₩	32,841 ₩	12,778		

Net income and loss related to derivatives for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)		2023	2022	
Gains on financial derivatives:				
Gains on derivative transactions	$\mathbf{W}$	490,100 ₩	507,524	
Gains on valuation of derivatives		89,106	134,753	
		579,206	642,277	
Losses on financial derivatives: Losses on derivative transactions		(429,978)	(450,176)	
Losses on valuation of derivatives		(72,049)	(191,569)	
		(502,027)	(641,745)	
	₩	77,179 ₩	532	

# 36. OTHER OPERATING INCOME AND EXPENSES: (cont'd)

Other operating revenues and expenses for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)		2023	2022		
Other operating revenue:					
Gain on fair value hedged items	₩	- ₩	41,603		
Trust fees and commissions received from trust account		24,305	23,589		
Reversal of other provisions		308	584		
Operating lease income		553,168	496,237		
Gain related to financial liabilities at FVTPL		3,284	25,765		
Gain related to financial liabilities designated as a FVTPL	t	65	-		
Others		2,172	4,000		
		583,302	591,778		
Other operating expenses:					
Loss on fair value hedged items		(13,974)	-		
Trust management fees		(81)	(88)		
Credit card charges		(24)	(29)		
Contribution to credit guarantee fund		(123,113)	(112,333)		
Contribution to housing credit guarantee fund		(48,699)	(45,471)		
Insurance fees on deposits		(124,652)	(122,565)		
Other provisions		(84,619)	(2,967)		
Operating lease expense		(486,962)	(435,395)		
Loss related to financial liabilities at FVTPL		(13,957)	(3,882)		
Loss related to financial liabilities designated as a	t				
FVTPL		(35,540)	(9,566)		
Others		(38,056)	(25,765)		
		(969,677)	(758,061)		
	₩	(386,375) ₩	(166,283)		

### 37. NON-OPERATING INCOME AND EXPENSES:

Non-operating income and expenses for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)		2023	2022
Net income from investments in associates:			
Share of profit of associates	₩	63,223 ₩	19,255
Gain on disposal of investments in associates		9,480	1,303
Share of loss of associates		(5,656)	(11,586)
Loss on disposal of investments in associates		(715)	(7,919)
Impairment loss on investments in associates		(12,162)	-
		54,170	1,053
Non-operating income:			
Gain on disposal of property and equipment		653	2,696
Reversal of impairment loss on intangible assets		-	7
Rental income		30,591	27,875
Restoration income		351	145
Gain on collection of charge-offs		687	1,495
Gain on changes in leases		819	300
Other non-operating income <sup>1</sup>		43,099	32,090
		76,200	64,608
Non-operating expenses:			
Expenses on collection of charge-offs		(493)	(544)
Loss on disposal of property and equipment		(1,389)	(1,709)
Loss on retirement of property and equipment		(30)	(472)
Loss on disposal of intangible assets		-	(3)
Donations		(26,374)	(17,699)
Loss on changes in leases		(62)	(37)
Restoration loss		(106)	(790)
Other non-operating expenses <sup>2</sup>		(27,530)	(75,346)
		(55,984)	(96,600)
	₩	74,386 ₩	(30,939)

<sup>1</sup> Other extraordinary income of  $\forall$ 13,030 million related to the expected recovery amount from the embezzlement case is included in other income for the year ended December 31, 2023.

<sup>2</sup> Other extraordinary loss of  $\forall307$  million and  $\forall33,466$  million related to the embezzlement incident is included in the other non-operating expenses for each of the two years in the period ended December 31, 2023 respectively.

# 38. INCOME TAX EXPENSE:

Income tax expense for each of the two years in the period ended December 31, 2023 consists of the following:

(In millions of Korean won)		2023	2022
Current tax Changes in deferred tax liabilities by temporary	₩	167,218 ₩	324,223
difference:		70,095	(45,203)
Opening balance of deferred tax assets(liabilities)		24,587	(20,616)
Ending balance of deferred tax assets(liabilities)		(45,508)	24,587
Tax effect		237,313	279,020
Changes in deferred tax liabilities reflected directly			
in equity		(40,657)	13,032
Income tax expense	₩	196,656 ₩	292,052

Changes in accumulated temporary differences as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)	n) <b>2023</b>				2022				
(		Accumulated temporary difference		Deferred tax assets (liabilities)		Accumulated temporary difference		Deferred tax assets (liabilities)	
Temporary difference to be deducted: Loss on valuation of financial									
assets	₩	69,970	₩	17,702	₩	35,746	₩	9,008	
Accrued expenses Adjustment of acquisition value		138,195		34,911		153,650		38,729	
for debt-to-equity swap		10,934		2,766		57,727		14,547	
Deferred loan origination fees Provision for losses on unused		11,981		3,031		11,173		2,816	
credit limits		56,804		14,371		42,710		10,763	
Honorary retirement benefits Loss on valuation of derivative		7,185		1,818		26,735		6,737	
instruments Deposits that the statute of		70,425		17,818		114,787		28,926	
limitation expired Guarantee deposits for leases		19,004		4,808		19,414		4,892	
(discounted present value)		7,166		1,813		4,525		1,140	
Unearned point revenues		13,965		3,533		14,157		3,567	
Other provision Loss on valuation of unsettled		171,875		43,238		138,392		34,880	
spot transactions Provision for possible losses on		119		30		272		69	
acceptances and guarantees Provision for retirement benefits		6,203		1,569		13,549		3,414	
disallowance		483,460		122,316		464,446		117,078	
Unearned revenues (leasehold		106,400		26,919		55,061		13,875	

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deposits provided)				
Impairment of available-for-sale				
financial assets	1,056	267	1,237	312
Claim for reimbursement	2,000	506	2,000	504
Others	376,688	95,155	568,209	143,111
Tax deficit	1	-	619	156
	1,553,431	392,571	1,724,409	434,524
Temporary difference to be added:				
Interest receivables on	(400.007)	(40.705)	(4.4.4.000)	(05.000)
securities	(192,867)	(48,795)	(141,392)	(35,632)
Revaluation of excess of land Gain on valuation of debentures	(48,771)	(12,339)	(48,886)	(12,319)
invested (adjustment of book amount)	(282,322)	(71,427)	(140,082)	(35,301)
Gain on valuation of derivative	(05.0.40)	(10.050)	(04,700)	(00.044)
instruments	(65,843)	(16,658)	(81,788)	(20,611)
Investments in credit rehabilitation fund	(25,999)	(6,578)	(24,503)	(6,175)
Deferred loan origination costs	(175,378)	(44,371)	(180,238)	(45,420)
Guarantee deposits for leases	(175,576)	(44,371)	(100,230)	(43,420)
(prepaid rent)	(5,375)	(1,360)	(3,214)	(810)
Discounted present value	(60,127)	(15,212)	(26,635)	(6,712)
Initial direct costs of lease	(528,276)	(133,654)	(97,019)	(24,449)
Remeasurements of defined				
benefit plan	(162,817)	(41,193)	(664,910)	(167,595)
Others	(182,613)	(46,492)	(234,174)	(54,912)
	(1,730,388)	(438,079)	(1,642,841)	(409,936)
Net of temporary difference	₩ (176,957)	₩ (45,508)	₩ 81,568	₩ 24,588

## 38. INCOME TAX EXPENSE: (cont'd)

Details of temporary difference reflected directly in equity as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)	20	2022				
	Other comprehensive income	Tax effect	Other comprehensive income	Tax effect		
Temporary difference reflected directly in equity: Gain (loss) on valuation of securities at fair value through						
other comprehensive income Allowance for bad debts for debt securities through other	₩ (63,570)	₩ (17,114)	₩ 133,605	₩ 32,643		
comprehensive income Loss on foreign currency translation of overseas	(2,679)	(678)	(1,476)	(372)		
operations	(16,266)	(1,989)	(12,711)	(1,406)		
Remeasurements of defined benefit plan Gain on valuation of hedges of net investments in foreign	109,718	30,839	76,469	22,487		
operations Share of other comprehensive	26,253	6,753	26,164	6,593		
loss of associates	(3,624)	(2,676)	(4,433)	(2,646)		
Others (credit risk adjustments)	5,888	1,486	73	18		
	₩ 55,719	₩ 16,620	₩ 217,691	₩ 57,317		

#### 38. INCOME TAX EXPENSE: (cont'd)

Reconciliation between profit before income tax and income tax expense for each of the two years in the period ended December 31, 2023 is as follows:

(In millions of Korean won)		2023	2022
Profit before income tax	₩	875,560 ₩	1,125,202
Taxes payable <sup>1,2</sup>		220,786	299,069
Tax effect of:			
Non-taxable income			
(₩69,527 million in 2023 and			
₩80,336 million in 2022)		(17,532)	(21,353)
Non-deductible expenses			
(₩28,728 million in 2023 and			
₩32,144 million in 2022)		7,244	8,544
Consolidated tax		(22,995)	(838)
Others		9,152	6,630
Income tax expense	₩	196,655 ₩	292,052
Effective tax rate			
(income tax expense/profit before income tax)		22.46%	25.96%

<sup>1</sup> Taxes payables for the year ended December 31, 2023 are calculated by applying statutory income tax rate (9.9% for less than ₩200 million, 20.9% for ₩200 million to ₩20 billion, 23.1% for ₩20 billion to ₩300 billion and 26.4% for more than ₩300 billion) to profit before income tax. <sup>2</sup> Taxes payable for the year ended December 31, 2022 are calculated by applying statutory income tax rate (11% for less than ₩200 million, 22% for ₩200 million to ₩20 billion, 24.2% for ₩20 billion to ₩300 billion and 27.5% for more than ₩300 billion) to profit before income tax.

Details of current tax liabilities (income tax payable) and current tax assets (income tax refundable) before offsetting as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)	nillions of Korean won)		
Income tax refundable prior to offsetting	₩	136,227 ₩	145,221
Tax payables prior to offsetting		174,148	325,822
Deferred tax liabilities	₩	37,921 ₩	180,601

#### 39. EARNINGS PER SHARE:

Basic earnings per share are calculated by dividing profit attributable to owners of Parent Company by weighted-average number of ordinary shares outstanding for each of the two years in the period ended December 31, 2023.

Weighted-average number of ordinary shares for each of the two years in the period ended December 31, 2023 are as follows:

(In shares)		2023 Number of	Accumulation of
	Period	shares	days
Number of ordinary shares			
outstanding	2023-01-01 ~ 2023-12-31	325,935,246	118,966,364,790
Treasury shares	2023-01-01 ~ 2023-12-31	(1,503,577)	(548,805,605)
Acquisition of treasury shares	2023-02-07 ~ 2023-12-31	(2,343,231)	(743,929,555)
	Subtotal (①)		117,673,629,630
Weighted-average n	number of ordinary shares (2=(	1/365) <sup>1</sup>	322,393,506

<sup>1</sup> The total number of ordinary shares issued by the Company is 325,935,246 shares, and the weighted average number of outstanding shares is calculated by taking into account the treasury shares held, which amount to 1,503,577 shares, and the treasury shares acquired during the period from February 7, 2023 to March 13, 2023, amounting to 2,343,231 shares in total.

(In shares)	Period	2022 Number of shares	Accumulation of days
Number of ordinary shares outstanding	2022-01-01 ~ 2022-12-31	325,935,246	118,966,364,790
Treasury shares	2022-01-01 ~ 2022-12-31	(1,503,577)	(548,805,605)
	Subtotal (1)		118,417,559,185
Weighted-avera	ge number of ordinary shares (2=(	1)/365)	324,431,669

Basic earnings per share attributable to owners of the Parent Company for each of the two years in the period ended December 31, 2023 are as follows:

(In Korean million won and in shares)	2023	2022	
Profit for the year attributable to owners of the			
Parent Company	₩	639,780 ₩	784,980
Dividends on hybrid equity securities		(25,678)	(30,187)
Profit attributable to the ordinary equity holders		614,102	754,793
Weighted-average number of ordinary shares			
outstanding		322,393,506	324,431,669
Basic earnings per share	₩	1,905 ₩	2,327

Diluted earnings per share for each of the two years in the period ended December 31, 2023 are equal to the basic earnings per share because the Group did not have any potentially dilutive ordinary shares during the year.

## 40. CONTINGENCIES AND COMMITMENTS:

Payment guarantees as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)	Туре		2023		2022
Confirmed acceptances and guarantees:					
Confirmed acceptances and guarantees in Korean won	Payment guarantee for loans	₩	52,522	₩	50,224
	Others		482,993		502,994
			535,515		553,218
Confirmed acceptances and guarantees in foreign currencies	Acceptances on letters of credit Acceptances on letters of		55,106		19,504
	guarantee for importers		17,899		28,045
	Others		502,092		298,801
			575,097		346,350
			1,110,612		899,568
Unconfirmed acceptances and guarantees:	Letters of credit		245,412		258,611
	Others		3,875		3,573
			249,287		262,184
Others	Endorsed bill		22		22
		₩	1,359,921	₩	1,161,774

Confirmed and unconfirmed acceptances and guarantees by customer as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)	2023			2022			
			Percentage			Percentage	
	Amount		(%)	Amount		(%)	
Confirmed acceptances and guarantees:							
Large corporate	₩	541,539	48.76	₩	330,705	36.76	
Small- and medium-sized corporate <sup>1</sup>		523,752	47.16		509,868	56.68	
Household		45,321	4.08		58,995	6.56	
	₩	1,110,612	100.00	₩	899,568	100	
Unconfirmed acceptances and guarantees:							
Large corporate	₩	84,967	34.08	₩	87,646	33.43	
Small- and medium-sized corporate <sup>1</sup>		164,320	65.92		174,538	66.57	
	₩	249,287	100.00	₩	262,184	100	

<sup>1</sup> Small- and medium-sized corporate indicates SME (Small- and Medium-sized Enterprises) in Article 2, Section 1, of small- and medium-sized Enterprise Basic Law.

#### 40. CONTINGENCIES AND COMMITMENTS: (cont'd)

Confirmed and unconfirmed acceptances and guarantees by country as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)	2023 Percentage				2022			
						Percentage		
		Amount	(%)	1	Amount	(%)		
Confirmed acceptances and guarantees:								
Korea	₩	1,083,349	97.55	₩	857,981	95.38		
Others		27,263	2.45		41,587	4.62		
	₩	1,110,612	100.00	₩	899,568	100.00		
Unconfirmed acceptances and guarantees:								
Korea	₩	246,209	98.77	₩	260,568	99.38		
China		801	0.32		151	0.06		
Others		2,277	0.91		1,465	0.56		
	₩	249,287	100.00	₩	262,184	100.00		

Unused commitments as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)		2023	2022
Corporates	₩	9,199,326 ₩	8,733,101
Households		8,550,293	9,319,394
Credit card		5,074,185	5,032,524
Securities purchase agreement		729,493	732,409
	₩	23,553,297 ₩	23,817,428

The Group has entered into loan agreement of ₩1,068,478 million with KDB Development Bank and borrowing agreements in foreign currencies, including CNY 350,000,000, JPY 2,000,00,000, USD 166,500,000 and KZT 3,400,000,000 with Sumitomo Mitsui Trust Bank, and etc., to secure liquidity and diversify financing channels in preparation for the domestic bond market crunch.

#### Lawsuits

As of December 31, 2023 and 2022 the Group's major lawsuits are as follows:

(In millions of Korean won)	2023			2022				
		As a plaintiff	de	As a efendant		As a plaintiff	de	As a efendant
Number of cases		35 cases		58 cases		33 cases		61 cases
Amount	₩	129,265	₩	15,561	₩	133,614	₩	52,597
Provisions related to these lawsuits			₩	-			₩	-

## 41. TRANSACTIONS WITH RELATED PARTIES:

All intercompany transactions, including intercompany receivables and payables, are eliminated while preparing consolidated financial statements.

Outstanding balances arising from sales/purchases of goods and services as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)		2023	2022
Associate/Associate of entities under common control BNK Shareholder Value			
Active Securities Exchange Traded Fund	Other assets	₩ 15	₩ 10
BNK Winning Securities Investment Trust 1 BNK Teunteun Korea	Other assets	6	6
Securities Investment Trust No. 1 BNK Cape ESG New	Other assets	9	8
Renewable Energy No. 1 New Technology Association	Other assets	16	16
BNK-K& New Marine Industry No.1 Fund	Other assets	98	-
BNK-T2021 Korea Support Venture Investment Association No. 1	Other assets	108	-
BNKKN Younghonam Special Zone Venture Investment Associate No. 1	Other assets	71	-
BNK-Kiwoom New Technology Investment Fund 1st	Other assets	15	-
BNK-Hyundai Defense Innovation Fund	Other assets	115	-
ForHumanLife CDMO New Technology Business Investment Assiociation	Other assets	21	-
UQIP Energy Fusion Investment Fund Partnership	Other assets	478	463
UQIP Agricultural and	Other assets	214	242

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Fishery Food Investment Fund Partnership No. 2 2019 UQIP Innovative	Other assets		
Growth Follow-on Fund Partnership		311	195
BNK Fisheries Investment Association	Other assets	262	95
BNK Intervalue Technology Finance Investment Association	Other assets	465	108
BNK Agricultural Food Investment Association No. 3	Other assets	94	75
Anda H Mezzanine Private Investment Private Fund No. 11	Other assets	-	1
UQIP Future Generation Investment Fund Partnership	Other assets	-	291
Key management <sup>1</sup>	Loans receivable Credit card receivable Deposit liabilities	1,153 - 2,064	925 16 730

<sup>1</sup> Key management includes the main management of the Group and major subsidiaries, including Busan Bank, Kyongnam Bank, BNK Capital and BNK Securities.

## 41. TRANSACTIONS WITH RELATED PARTIES: (cont'd)

Transactions with related parties for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)		2023	2022
Associate			
BNK Shareholder Value Active Securities Exchange Traded Fund	Commission revenues	₩ 58	₩ 10
BNK Winning Securities Investment Trust 1 BNK Teunteun Korea	Commission revenues	38	37
Securities Investment Trust No. 1	Commission revenues	163	138
BNK-K& New Marine Industry No.1 Fund BNK Cape ESG New	Commission revenues	192	217
Renewable Energy No. 1 New Technology Association	Commission revenues	62	62
BNK-T2021 Korea Support Venture Investment Association No. 1	Commission revenues	433	430
BNKKN Younghonam Special Zone Venture Investment Associate No. 1	Commission revenues	285	285
BNK-Kiwoom New Technology Investment Fund 1st	Commission revenues	61	52
BNK-Hyundai Defense Innovation Fund	Commission revenues	453	-
BNK-KakaoPay Securities- Mosaic Big Data Association ForHumanLife CDMO New	Commission revenues	14	-
Technology Business Investment Assiociation	Commission revenues	21	-
BNK-K& New Marine Industry No.2 Fund	Commission revenues	28	-
UQIP Energy Fusion Investment Fund Partnership UQIP Agricultural and	Commission revenues	474	463
Fishery Food Investment Fund Partnership No. 2 2019 UQIP Innovative	Commission revenues	214	242
Growth Follow-on Fund Partnership	Commission revenues	305	286

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BNK Fisheries Investment Association	Commission revenues	262	375
BNK Inter-value Technology Finance Investment Association	Commission revenues	464	502
BNK Agricultural Food Investment Association No. 3	Commission revenues	375	338
Future Creation UQIP Investment Association	Commission revenues	830	-
Anda H Mezzanine Private Investment Private Fund No. 11	Commission revenues	-	4
Anda H Mezzanine Private Investment Private Fund No. 7	Commission revenues	-	1
Orion KOSDAQ venture fund #52	Commission revenues	-	2
HI Private Investment Trust 28th	Commission revenues	-	3
Key management	Commission revenues	1	-
	Interest expenses	11	8
	Interest income	73	27
	Other income	7	5
	Other expenses	1	1

#### 41. TRANSACTIONS WITH RELATED PARTIES: (cont'd)

Fund transactions with related parties for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won) 2023								
		Loan trai	nsactions	;	Deposit transac			tions
		Loans	Repaym	ents	s Increase		Decrease	
Key management	₩	-	₩	83	₩	4,892	₩	3,526
(In millions of Korean won)				20	22			
	Loan transactions Deposit transactions					tions		
		Loans	Repaym	ents		Increase	De	crease
Key management	₩	1,266	₩	435	₩	2,837	₩	3,072

There were no payment guarantees between related parties for each of the two years in the period ended December 31, 2023.

Unused commitments for related parties for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)

			3	2022			2	
		Loan limit		Credit card		Loan limit		Credit card
Key management	₩	24	₩	150	₩	108	₩	145

Compensation for key management for each of the two years in the period ended December 31, 2023 is as follows:

(In millions of Korean won)		2023		2022
Short-term employee benefits	₩	6,232	₩	4,319
Share-based payment		5,087		3,644
Postemployment benefits	_	457		277
	₩	11,776	₩	8,240

# 42. STATEMENTS OF CASH FLOWS:

Details of material transactions without cash inflows and outflows as of December 31, 2023 and 2022 are as follows:

(In millions of Korean won)	2023	2022
Reclassification between property and equipment, investment properties and intangible assets	₩ 25,91	7₩ 9,405
Increase in right-of-use assets and lease liabilities	76,03	37 41,877

Changes in net debt for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)	2023						
			No	n-cash changes	6		
	Beginning balance	Cash flows	Exchange differences	Fair value hedge	Others	Ending balance	
Borrowings	₩ 7,716,089	₩ 1,056,945	₩ (707)	₩ - ₩	43,549	₩ 8,815,876	
Debentures	12,145,457	813,289	6,762	10,098	59,804	13,035,410	
Lease liabilities	33,565	(31,838)			41,217	42,944	
	₩ 19,895,111	₩ 1,838,396	₩ 6,055	₩ 10,098 ₩	4 144,570	₩ 21,894,230	

(In millions of Korean won)	2022								
			Non-cash changes						
	Beginning balance	Cash flows	Exchange differences	Fair value hedge	Others	Ending balance			
Borrowings	₩ 7,641,218	₩ (120,375)	₩ (1,808)	₩ -	₩ 197,054	₩ 7,716,089			
Debentures	13,442,859	(1,307,369)	23,637	(29,674)	16,004	12,145,457			
Lease liabilities	30,404	(31,817)			34,978	33,565			
	₩ 21,114,481	₩(1,459,561)	₩ 21,829	₩ (29,674)	₩ 248,036	₩ 19,895,111			

## 43. DIVIDENDS:

Dividend to be paid in 2023 is  $\forall$ 132,056 million ( $\forall$ 410 per share) and the dividend paid in 2022 is  $\forall$ 202,770 million ( $\forall$ 625 per share).

A dividend in respect of the year ended December 31, 2023, of  $\forall$ 410 per share, amounting to a total dividend of  $\forall$ 132,056 million, is to be proposed to shareholders at the annual general meeting on March 22, 2024. These consolidated financial statements do not reflect this dividend payable.

In addition, the Board of Directors' meeting held on July 26, 2023 decided to pay an interim dividend of  $\forall 32,209$  million ( $\forall 100$  per share) to shareholders for the base date of August 11, 2023, and the interim dividend was paid on August 25, 2023.

#### 44. UNCONSOLIDATED STRUCTURED ENTITIES:

The Group owns interests in unconsolidated structured entities where the Group does not have control in accordance with KIFRS 1110. The nature of interests and risks are as follows:

Interests owned by the Group in unconsolidated structured entities have been classified per nature and purpose of each structured entity into structured financing and investment fund.

Unconsolidated structured entities classified as 'structured financing' include real estate project financing investment entity, infrastructure development entity and special-purpose entity for shipping and aviation financing. Each entity was incorporated as a consolidated entity to efficiently carry out the Group's business. The funds are raised through channels, such as equity investments, loans from financial institutions and participating organizations. Structured financing is a way of funding large-scale businesses with risks. The structured financing invests in qualifying companies not based on credit or physical collateral of the Group leading the project, but the economic feasibilities of the specific project. Investors of the entity benefit from the income arising from the ongoing projects, and the Group recognizes interest income, income from valuation of equity investments and dividend income. Although an entity that provides funds, joint guarantees, unsubordinated credit offerings and others exists prior to the Group's financial support, if the funds are not collected by the predetermined schedule or if circumstances, such as cessation of a project occur, the Group could be exposed to principal losses due to decrease in value of equity investments or losses arising from uncollectible loans.

Unconsolidated structured entities classified as 'investment fund' include investment trust company and private equity firm. The investment trust company delegates investment and management to fund managers according to the trust agreement and distributes operating profit to the investors. The private equity firm invests in equity securities through private placement in order to participate in management, enhance governance and others. The income from the investment is distributed to the investors. The Group, as an investor to the investment fund, recognizes income from valuation of equity investments and dividend income in proportion to its share ratio. If the value of the private equity fund decreases, the Group will be exposed to the risk of principal losses.

#### 44. UNCONSOLIDATED STRUCTURED ENTITIES: (cont'd)

Total asset size of the unconsolidated structured entities, book amount for the line items as recognized in the consolidated financial statements and maximum exposure to loss and loss incurred for each of the two years in the period ended December 31, 2023 are as follows:

(In millions of Korean won)	2023							
	Investment fund	Structured financing	Asset-backed securitization	Project financing				
Total assets of unconsolidated structured								
entity	₩ 79,139,952	₩ 635,051,845	₩ 66,172,092	₩ 19,238,333				
Recognized assets related to unconsolidated structured entities:								
Financial assets at FVTPL	1,722,740	260,885	-	-				
Financial assets at FVOCI	-	1,954	-	-				
Financial assets at amortized cost	69	-	539,800	-				
Equity method investments	1,811,826	710	-	-				
Loans and receivables	-	5,912,204	-	1,411,408				
(Provision for impairment)		(146,981)						
	3,534,635	6,028,772	539,800	1,411,408				
Recognized liabilities related to								
unconsolidated structured entities:								
Financial guarantees	-	1,576	-	-				
Provision of debt guarantee	-	355	-	-				
Maximum exposure to loss <sup>1</sup>								
Investments	3,534,635	6,028,772	539,800	1,411,408				
Investment commitments	665,379	45,321	-	-				
Loan commitments	-	796,630	-	-				
Financial guarantees	-	1,576	-	-				
Credit offer	-	183,293	-	-				
Purchase commitment		104,646	70,000					
	4,200,014	7,162,169	609,800	1,411,408				
Loss on unconsolidated structured entity	₩ (1,007)	₩ (40,651)	₩ -	₩ -				

<sup>1</sup> Maximum exposure to loss includes the amount of investment assets recognized in the consolidated statements of financial position, and the amount readily determinable when specific criteria of contracts, including purchase agreement or credit grants, are met.

#### 44. UNCONSOLIDATED STRUCTURED ENTITIES: (cont'd)

(In millions of Korean won)	2022							
	Investment	Structured	Asset-backed	Project				
	fund	financing	securitization	financing				
Total assets of unconsolidated structured								
entity	₩ 58,783,147	₩ 545,281,271	₩ 60,210,100	₩ 12,442,828				
Recognized assets related to unconsolidated structured entities:								
Financial assets at FVTPL	2,194,205	319,409	-	-				
Financial assets at amortized cost	-	-	513,200	-				
Equity method investments	1,224,247	-	-	-				
Loans and receivables	40	7,783,039	1,333	1,681,039				
(Provision for impairment)	-	(148,162)		-				
	3,418,492	7,954,286	514,533	1,681,039				
Recognized liabilities related to unconsolidated structured entities:								
Provision of debt guarantee	-	309	-	-				
Maximum exposure to loss <sup>1</sup>								
Investments	3,418,492	7,954,286	514,533	1,681,039				
Investment commitments	671,891	48,042	-	-				
Loan commitments	-	896,436	-	-				
Credit offer	-	447,043	-	-				
Purchase commitment		36,000	70,000					
	4,090,383	9,382,116	584,533	1,681,039				
Loss on unconsolidated structured entity	₩ 18,341	₩ 14,834	₩ -	₩ -				

<sup>1</sup> Maximum exposure to loss includes the amount of investment assets recognized in the consolidated statements of financial position, and the amount readily determinable when specific criteria of contracts, including purchase agreement or credit grants, are met.

The Group identified the embezzlement of employee of Kyongnam Bank, a subsidiary, having occurred in the period before the current year for the year ended December 31, 2023. The Group adjusted the book value of project financing loans related to the embezzlement, and reflected income tax effect. As the Group believes that matters related to the embezzlement have a material impact on the consolidated financial statements, the consolidated financial statements for the year ended December 31, 2022 presented herein for comparative purposes were restated to reflect these adjustments.

The amount before adjustment stated below presents the carrying amount recognized in the consolidated financial statements attached to the audit report dated March 8, 2023, which was the date of the initial disclosure by the Group.

Details of corrected errors having incurred in the year ended December 31, 2022 are as follows:

- Accounts with errors Loans and receivables, deferred tax assets, provisions, deferred tax liabilities, retained earnings, interest income, non-operating income and expenses, income tax expenses
   Cause of errors Due to the embezzlement of an employee that occurred prior to the current period,
- 2) Cause of errors and the obligation to the current period, embezzlement-related PF loans that is not substantive and the obligation to compensate for damages is detected.

③ Deta	ails	Consolidated statement of financial position as of December 31, 2022:
		Beginning balance of loans overstated by $\forall 94,915$ million.
		Beginning balance of illegal act receivables understated by $orall 79,999$ million.
		Beginning balance of deferred tax liabilities overstated by $orall 6,002$ million.
		Beginning balance of provisions understated by $\forall 8,348$ million.
		Beginning balance of retained earnings overstated by $\forall$ 17,262 million.
		Ending balance of loans overstated by $\forall$ 48,077 million.
		Ending balance of deferred tax assets understated by $\forall$ 14,296 million.
		Ending balance of provisions understated by $\forall 8,652$ million.
		Ending balance of retained earnings overstated by $\forall$ 42,433 million.
		Consolidated statements of comprehensive income for the year ended December 31, 2022:
		Interest income overstated by $\forall 2,778$ million and other non-operating income understated by $\forall 2,778$ million.
		Other non-operating expenses understated by $\forall$ 33,466 million.
		Income tax expenses overstated by $\forall 8,294$ million.
4	Relevant standards	KIFRS 1109, Paragraphs 3.1.1, 4.1.2, 5.5.1 KIFRS 1037, Paragraph 14

Financial statements affected by correction of errors

Consolidated statement of financial position

(In millions of Korean won)			December 31, 2022						
			Changes due to						
		Amount before		event causing					
Accounts	Notes	adjustment		adjustment		Restated amount			
Asset:									
Loans and receivables	4,6,12,13,14	₩	106,327,189	₩	(48,077)	₩	106,279,112		
Deferred tax assets	38		10,293		14,296		24,588		
Total Asset			136,966,388		(33,781)		136,932,607		
Liabilities:									
Provisions	26,40		113,759		8,652		122,411		
Total Liabilities			126,134,073		8,652		126,142,725		
Equity:									
Retained earnings	28		6,809,131		(42,433)		6,766,698		
Total equity			10,832,315		(42,433)		10,789,882		

(In millions of Korean won)			January 1, 2022						
		Changes due to							
		Amount before		event causing					
Accounts Notes		adjustment		adjustment		Restated amount			
Asset:									
Loans and receivables	4,6,12,13,14	₩	98,699,253	₩	(14,916)	₩	98,684,337		
Total asset			128,287,035		(14,916)		128,272,119		
Liabilities:									
Provisions	26,40		99,154		8,348		107,502		
Deferred tax liabilities	38		26,618		(6,002)		20,616		
Total liabilities			118,063,851		2,346		118,066,197		
Equity:									
Retained earnings	28		6,210,821		(17,262)		6,193,559		
Total equity			10,223,184		(17,262)		10,205,922		

#### Consolidated statement of comprehensive income

(In millions of Korean won)	2022						
	Changes due to						
		Amount before		event causing			
Accounts	Notes	adjustment		adjustment		Restated amount	
Net interest income		₩	2,923,884	₩	(2,778)	₩	2,921,106
Interest income			4,781,740		(2,778)		4,778,962
Operating income			1,158,919		(2,778)		1,156,141
Other non-operating							
expenses, net	37		(251)		(30,688)		(30,939)
Profit before income tax							
expense			1,158,668		(33,466)		1,125,202
Income tax expense	38		(300,346)		8,294		(292,052)
Profit for the year			858,322		(25,172)		833,150
Total comprehensive income			820,138		(25,172)		794,966
Basic and diluted earnings							
per share(In Korean won)	39		2,404		(77)		2,327

Consolidated statement of changes in equity

			Change	es due to		
		Amount before		causing		
(In millions of Korean won)	adjustment		adjustment		Restated amount	
Total equity as of January 1, 2021	₩	9,626,282	₩	-	₩	9,626,282
Retained earnings as of January 1, 2021		5,561,025		-		5,561,025
Profit for the year		834,249		(17,261)		816,988
Retained earnings as of December 31,						
2021		6,210,820		(17,261)		6,193,559
Total equity as of December 31, 2021		10,223,183		(17,261)		10,205,922
Total equity as of January 1, 2022		10,223,183		(17,261)		10,205,922
Retained earnings as of January 1, 2022		6,210,820		(17,261)		6,193,559
Profit for the year		858,322		(25,172)		833,150
Retained earnings as of December 31,						
2022		6,809,131		(42,433)		6,766,698
Total equity as of December 31, 2022		10,832,315		(42,433)		10,789,882

Consolidated statement of cash flows
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(In millions of Korean won)		2022						
	Changes due to							
		ount before	even	event causing				
Accounts	adjustment		adjustment		Restated amount			
Cash flows from operating activities	₩	3,609,241	₩	-	₩	3,609,241		
Profit for the year		858,322		(25,172)		833,150		
Adjustments to profit for the year:		(1,459,411)		25,172		(1,434,239)		
Interest income		(4,781,740)		2,778		(4,778,962)		
Other non-operating expenses, net		9,077		30,688		39,765		
Income tax expense		300,346		(8,294)		292,052		
Changes in assets and liabilities from								
operating activities:		1,226,076		2,778		1,228,854		
Increase in loans and receivables		(7,925,120)		2,778		(7,922,342)		
Interest received		4,708,646		(2,778)		4,705,868		

#### Audit opinion on internal control over financial reporting

The accompanying independent auditor's report on internal control over financial reporting is attached as a result of auditing the internal control over financial reporting of BNK Financial Group Inc. (the "Company") and its subsidiaries (collectively referred to as the "Group") and the consolidated financial statements of the Group for the year ended December 31, 2023 in accordance with the Article 8 of the *Act on External Audit of Stock Companies*.

Attachments:

1. Independent auditor's report on internal control over financial reporting

2. Internal Control over Financial Reporting("ICFR") for Consolidation Purposes Operating Status Report by CEO



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#### Independent auditor's report on internal control over financial reporting

(English Translation of a Report Originally Issued in Korean)

BNK Financial Group Inc. The Shareholders and Board of Directors

#### Opinion on internal control over financial reporting

We have audited the internal control over financial reporting ("ICFR") of BNK Financial Group Inc. (the "Company") and its subsidiaries (collectively referred to as the "Group") based on the Conceptual Framework for Design and Operation of ICFR established by the Operating Committee of ICFR in Korea (the "ICFR Committee") as of December 31, 2023.

In our opinion, the Company's ICFR has been effectively designed and operated, in all material respects, as of December 31, 2023 in accordance with the Conceptual Framework for Design and Operation of ICFR.

We also have audited, in accordance with the Korean Standards on Auditing ("KSA"), the consolidated statement of financial position as of December 31, 2023, and the consolidated statement of comprehensive income, consolidated statement of changes in equity and consolidated statement of cash flows for the year then ended, and the notes to the consolidated financial statements, including material accounting policy information, of the Group, and our report dated March 13, 2024 expressed an unqualified opinion thereon.

#### Basis for opinion on ICFR

We conducted our audit in accordance with KSA. Our responsibilities under those standards are further described in the Auditor's responsibilities for the audit of ICFR section of our report. We are independent of the Group in accordance with the ethical requirements that are relevant to our audit of ICFR in the Republic of Korea, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.



## Responsibility of management and those charged with governance for ICFR

Management is responsible for designing, implementing and maintaining an effective ICFR, and for assessing the effectiveness of the ICFR included in the accompanying Internal Control over Financial Reporting for Consolidation Purposes Operating Status Report by CEO.

Those charged with governance are responsible for overseeing the Company's ICFR process.

# Auditor's responsibilities for the audit of ICFR

Our responsibility is to express an opinion of the Company's ICFR based on our audit. We conducted our audit in accordance with KSA. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective ICFR was maintained in all material respects.

An audit of the ICFR involves performing procedures to obtain audit evidence as to whether a material weakness exists. The procedures selected depend on the auditor's judgment, including the assessment of the risks that a material weakness exists. An audit also includes testing and evaluating the design and operation of ICFR based on obtaining an understanding of ICFR and the assessed risk.

#### ICFR definition and inherent limitations

A company and its subsidiaries' ICFR is implemented by those charged with governance, management, and other employees and is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of consolidated financial statements for external purposes in accordance with International Financial Reporting Standards as adopted by the Republic of Korea ("KIFRS"). A company and its subsidiaries' ICFR includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company and its subsidiaries; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of the consolidated financial statements in accordance with KIFRS, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company and its subsidiaries; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company and its subsidiaries' assets that could have a material effect on the consolidated financial statements.

Because of its inherent limitations, ICFR may not prevent or detect misstatements of the consolidated financial statements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that ICFR may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.



The engagement partner on the audit resulting in this independent auditor's report is Ahn, Duk Soo

Einst Joung Han Joung

March 13, 2024

This audit report is effective as of March 13, 2024, the independent auditor's report date. Accordingly, certain material subsequent events or circumstances may have occurred during the period from the date of the independent auditor's report to the time this report is used. Such events and circumstances could significantly affect the Company's ICFR and may result in modifications to this report.

# Internal Control over Financial Reporting("ICFR") for Consolidation Purposes Operating Status Report by CEO

To the Shareholders, Board of Directors and Audit Committee of BNK Financial Group

We, as the Chief Executive Officer("CEO") and the Internal Accounting Manager ("IAM") of BNK Financial Group ("the Company"), assessed the operating status of the Company's Internal Control over Financial Reporting("ICFR") for Consolidation Purposes for the year ending December 31, 2023.

The design and operation of ICFR for Consolidation Purposes is the responsibility of the Company's management, including the CEO and the IAM(collectively "We", "Our", or "Us").

We evaluated whether the Company effectively designed and operated its ICFR for Consolidation Purposes to prevent and detect errors or frauds which may cause a misstatement in financial statements to ensure preparation and disclosure of reliable financial information.

We used the "Conceptual Framework for Designing and Operating Internal Control over Financial Reporting(name of the framework in case different one was used)" established by the Operating Committee of Internal Control over Financial Reporting in Korea(the "ICFR Committee") as the criteria for design and operation of the Company's ICFR. for Consolidation Purposes And we conducted an evaluation of ICFR based on the "Management Guideline for Evaluating and Reporting Effectiveness of Internal Control over Financial Reporting" established by the ICFR committee.

Based on our assessment, we concluded that the Company's ICFR for Consolidation Purposes is designed and operated effectively as of December 31, 2023, in all material respects, in accordance with the "Conceptual Framework for Designing and Operating Internal Control over Financial Reporting".

We certify that this report does not contain any untrue statement of a fact, or omit to state a fact necessary to be presented herein. We also certify that this report does not contain or present any statements which might cause material misunderstandings of the readers, and we have reviewed and verified this report with sufficient care.

February 28, 2024

Executive Officer

tee Jung Kavon

Internal Control over Financial Reporting Officer