ICBC

INDUSTRIAL AND COMMERCIAL BANK OF CHINA LIMITED

(A joint stock limited company incorporated in the People's Republic of China with limited liability)

Stock Code: 1398

2022

Capital Adequacy Ratio Report

CONTENTS

This report is prepared in both Chinese and English. In the case of discrepancy between the two versions, the Chinese version shall prevail.

Introduction

Company Profile

Industrial and Commercial Bank of China was established on 1 January 1984. On 28 October 2005, the Bank was wholly restructured to a joint-stock limited company. On 27 October 2006, the Bank was successfully listed on both Shanghai Stock Exchange and The Stock Exchange of Hong Kong Limited.

The Bank has devoted itself to building a world-class and modern financial enterprise with Chinese characteristics. The Bank has a high quality customer base, a diversified business structure, strong innovation capabilities and market competitiveness. The Bank regards service as the very foundation to seek further development and adheres to creating value through services while providing abundant financial products and superior financial services to over 10 million corporate customers and 720 million personal customers around the world. It has served the high-quality development of the economy and society with its own high-quality development. The Bank has been consciously integrating the social responsibilities with its development strategy and operation and management activities, and gaining wide recognition in the aspects of serving manufacturing industry, promoting inclusive finance, backing rural revitalization, developing green finance and participating in public welfare undertakings.

The Bank always keeps in mind its underlying mission of serving the real economy with its principal business, and along with the real economy it prospers, suffers and grows. Taking a risk-based approach and never overstepping the bottom line, it constantly enhances its capability of controlling and mitigating risks. Besides, the Bank remains steadfast in understanding and following the business rules of commercial banks to strive to be a century-old bank. It also stays committed to seeking progress with innovation while maintaining stability, continuously enhances the key development strategies, actively develops the FinTech and accelerates the digital transformation. The Bank unswervingly delivers specialized services, and pioneers a specialized business model, thus making it "a craftsman in large banking".

The Bank was ranked the 1st place among the Top 1000 World Banks by *The Banker*, and the 1st place in the list of commercial banks of the Global 500 in *Fortune* for the tenth consecutive year, and took the 1st place among the Top 500 Banking Brands of *Brand Finance* for the seventh consecutive year.

Disclosure Basis

This report is prepared and disclosed in accordance with the Regulation Governing Capital of Commercial Banks (Provisional) promulgated in June 2012 and related regulations.

Disclosure Statement

The report contains forward-looking statements on the Bank's financial positions, business performance and development. The statements are made based on existing plans, estimates and forecasts, and bear upon future external events or the Group's future finance, business or performance in other aspects, and may involve future plans which do not constitute substantive commitment to investors. Hence, investors and persons concerned shall be fully aware of the risks and understand the differences between plans, estimates and commitments.

Scope of Calculation of Capital Adequacy Ratio

Investees' Consolidation Treatment under Capital Adequacy Ratio Calculation

The Bank calculated capital adequacy ratios at all tiers in accordance with the Capital Regulation. The scope of calculation of consolidated capital adequacy ratio includes the Bank and financial institutions in which the Bank directly or indirectly invested in accordance with the Capital Regulation.

TREATMENT OF DIFFERENT TYPES OF INVESTEES FOR THE CALCULATION OF CONSOLIDATED CAPITAL ADEQUACY RATIO

S/N	Type of investee	Treatment for the calculation of consolidated capital adequacy ratio
1	Financial institutions with majority voting rights or controlling interest (excluding insurance companies)	Included in the calculation of consolidated capital adequacy ratio
2	Insurance companies with majority voting rights or controlling interest	Excluded from the calculation of consolidated capital adequacy ratio, deducted corresponding capital investment from capital at all tiers; deducted the corresponding capital shortfall, if any
3	Significant minority investments in capital instruments issued by financial institutions	Excluded from the calculation of consolidated capital adequacy ratio, deducted the part of common equity tier 1 capital investments exceeding 10% of the Bank's common equity tier 1 capital and deducted all of additional tier 1 and tier 2 capital investments from corresponding tiers of capital. The part failing to reach the deduction threshold shall be calculated as risk-weighted assets
4	Non-significant minority investments in capital instruments issued by financial institutions	Excluded from the calculation of consolidated capital adequacy ratio and deducted the part of total investments exceeding 10% of the Bank's common equity tier 1 capital from corresponding tiers of regulatory capital. The part failing to reach the deduction threshold shall be calculated as risk-weighted assets
5	Minority investments in the equity of commercial entities	Excluded from the calculation of consolidated capital adequacy ratio and calculated as risk-weighted assets

At the end of 2022, the difference between the scope of the calculation of consolidated capital adequacy ratio and the scope of financial reporting consolidation is ICBC-AXA. Pursuant to the Capital Regulation, ICBC-AXA was excluded from the calculation of consolidated capital adequacy ratio.

Major Investees Included in and Deducted from the Calculation of Consolidated Capital Adequacy Ratio

TOP 10 INVESTEES INCLUDED IN THE CALCULATION OF CONSOLIDATED CAPITAL ADEQUACY RATIO

In RMB millions, except for percentages

S/N	Name of investee	Balance of investment	Shareholding percentage (%)	Place of incorporation	Principal activity
1	ICBC (Asia)	47,621	100.00	Hong Kong, China	Commercial banking
2	ICBC Investment	27,000	100.00	Nanjing, China	Financial assets investment
3	ICBC Wealth Management	16,000	100.00	Beijing, China	Wealth management
4	ICBC Leasing	11,000	100.00	Tianjin, China	Leasing
5	ICBC (Macau)	10,316	89.33	Macau, China	Commercial banking
6	ICBC (Argentina)	5,782	100.00	Buenos Aires, Argentina	Commercial banking
7	ICBC Standard Bank	5,348	60.00	London, UK	Banking
8	ICBC International	4,966	100.00	Hong Kong, China	Investment banking
9	ICBC (Thai)	4,898	97.98	Bangkok, Thailand	Commercial banking
10	ICBC (Europe)	3,294	100.00	Luxembourg	Commercial banking

INVESTEES DEDUCTED FROM THE CALCULATION OF CONSOLIDATED CAPITAL ADEQUACY RATIO

In RMB millions, except for percentages

S/N	Name of investee	Balance of investment	Shareholding percentage (%)	Place of incorporation	Principal activity
1	ICBC-AXA	7,980	60.00	Shanghai, China	Insurance

Capital Deficiencies and Restrictions on Capital Transfer

As at the end of 2022, there is no capital deficiency in the financial investees in which the majority or controlling interests is held by the Bank as measured in accordance with local regulatory requirements. During the reporting period, there is no material restriction on the fund transfer within the Group.

Capital and Capital Adequacy Ratio

Implementation of Advanced Capital Management Approaches

According to the scope of implementing the advanced capital management approaches as approved by the regulatory authorities, the Bank adopted the foundation internal ratings-based ("IRB") approach for corporate credit risk, the IRB approach for retail credit risk, the internal model approach ("IMA") for market risk, and the standardized approach for operational risk meeting regulatory requirements. The weighted approach was adopted for credit risk uncovered by the IRB approach and the standardized approach was adopted for market risk uncovered by the IMA.

Capital Adequacy Ratio

RESULTS OF CAPITAL ADEQUACY RATIO CALCULATION OF THE GROUP AND PARENT COMPANY

In RMB millions, except for percentages

	At 31 December 2022		At 31 December 2021	
Item	Group	Parent Company	Group	Parent Company
Net common equity tier 1 capital	3,121,080	2,824,565	2,886,378	2,614,392
Net tier 1 capital	3,475,995	3,152,660	3,241,364	2,944,636
Net capital base	4,281,079	3,945,322	3,909,669	3,600,883
Common equity tier 1 capital adequacy ratio (%)	14.04	14.03	13.31	13.29
Tier 1 capital adequacy ratio (%)	15.64	15.66	14.94	14.97
Capital adequacy ratio (%)	19.26	19.60	18.02	18.30

Capital Composition

As at the end of 2022, the common equity tier 1 capital adequacy ratio, tier 1 capital adequacy ratio and capital adequacy ratio calculated by the Bank in accordance with the Capital Regulation stood at 14.04%, 15.64% and 19.26%, respectively, complying with regulatory requirements.

CAPITAL ADEQUACY RATIO OF THE GROUP CALCULATED IN ACCORDANCE WITH THE CAPITAL REGULATION

In RMB millions, except for percentages

Item	At 31 December 2022	At 31 December 2021
Common equity tier 1 capital	**3,141,891**	**2,903,516**
Paid-in capital	356,407	356,407
Valid portion of capital reserve	148,174	148,597
Surplus reserve	392,162	356,849
General reserve	496,406	438,640
Retained profits	1,766,288	1,618,142
Valid portion of minority interests	3,293	3,539
Other	(20,839)	(18,658)
Common equity tier 1 capital deductions	**20,811**	**17,138**
Goodwill	8,320	7,691
Other intangible assets other than land use rights	7,473	5,669
Cash flow hedge reserve that relates to the hedging of items that are not fair-valued on the balance sheet	(2,962)	(4,202)
Investments in common equity tier 1 capital instruments issued by financial institutions that are under control but not subject to consolidation	7,980	7,980
Net common equity tier 1 capital	**3,121,080**	**2,886,378**
Additional tier 1 capital	**354,915**	**354,986**
Additional tier 1 capital instruments and related premiums	354,331	354,331
Valid portion of minority interests	584	655
Net tier 1 capital	**3,475,995**	**3,241,364**
Tier 2 capital	**805,084**	**668,305**
Valid portion of tier 2 capital instruments and related premiums	528,307	418,415
Surplus provision for loan impairment	275,764	248,774
Valid portion of minority interests	1,013	1,116
Net capital base	**4,281,079**	**3,909,669**
Risk-weighted assets(1)	**22,225,272**	**21,690,349**
Common equity tier 1 capital adequacy ratio (%)	**14.04**	**13.31**
Tier 1 capital adequacy ratio (%)	**15.64**	**14.94**
Capital adequacy ratio (%)	**19.26**	**18.02**

Note: (1) Refers to risk-weighted assets after capital floor and adjustments.

For information disclosed in accordance with the Notice on Enhancing Disclosure Requirements for Composition of Capital, Appendix 2 to the Notice on Issuing Regulatory Documents on Capital Regulation for Commercial Banks, please refer to the Appendixes of this report, including Capital Composition, Balance Sheet at the Group's level (financial consolidation and regulatory consolidation), Illustrated Balance Sheet, Mapped Components of Balance Sheet to Capital Item as well as Main Features of Eligible Capital Instruments.

CAPS IN THE CAPITAL CALCULATION

In RMB millions

Item	At 31 December 2022	At 31 December 2021
I. Valid caps of surplus provision for loan impairment to tier 2 capital		
Parts covered by internal ratings-based approach		
Provision for loan impairment	641,029	579,219
Expected loss	278,765	245,004
Surplus provision for loan impairment	362,264	334,215
Valid cap of surplus provision for loan impairment in tier 2 capital irrespective of adjustment during the parallel period	79,607	80,836
Valid portion of surplus provisions for loan impairment in tier 2 capital higher than 150% of allowance to non-performing loans ("NPL") giving consideration to adjustment during the parallel period	176,337	152,029
Valid cap of surplus provisions for loan impairment in tier 2 capital giving consideration to adjustment during the parallel period	255,944	232,865
Valid portion of surplus provision for loan impairment in tier 2 capital during the parallel period	255,944	232,865
Parts uncovered by internal ratings-based approach		
Provision for loan impairment	31,195	24,545
Minimum requirement on provision for loan impairment	11,375	8,636
Surplus provision for loan impairment	19,820	15,909
Valid caps of surplus provision for loan impairment in tier 2 capital	90,254	81,929
Valid portion of surplus provision for loan impairment in tier 2 capital	19,820	15,909
II. Deduction cap for items applicable to thresholds deduction		
Non-significant minority investments in capital instruments issued by financial institutions that are not subject to consolidation	176,987	155,815
Relevant cap	312,108	288,638
Deductible portion	–	–
Significant minority investments in common equity tier 1 capital instruments issued by financial institutions that are not subject to consolidation	30,838	28,773
Relevant cap	312,108	288,638
Deductible portion	–	–
Deferred tax assets arising from temporary differences	101,072	74,611
Relevant cap	312,108	288,638
Deductible portion	–	–
Significant minority investments in common equity tier 1 capital instruments issued by financial institutions that are not subject to consolidation and deferred tax assets arising from temporary differences	131,910	103,384
Relevant cap	468,162	432,957
Deductible portion	–	–

For changes in share capital of the Bank during the reporting period, please refer to "Details of Changes in Share Capital and Shareholding of Substantial Shareholders" in the 2022 Annual Report. For material capital investment activities of the Bank during the reporting period, please refer to "Significant Events" in the 2022 Annual Report.

Risk-Weighted Assets

In RMB millions

Item	At 31 December 2022	At 31 December 2021
Credit risk-weighted assets	20,488,486	20,042,955
Parts covered by internal ratings-based approach	13,248,337	13,472,715
Parts uncovered by internal ratings-based approach	7,240,149	6,570,240
Market risk-weighted assets	203,207	153,686
Parts covered by internal model approach	80,583	51,014
Parts uncovered by internal model approach	122,624	102,672
Operational risk-weighted assets	1,533,579	1,493,708
Total	**22,225,272**	**21,690,349**

Internal Capital Adequacy Assessment

The Bank's internal capital adequacy assessment comprises the risk identification, risk assessment, capital adequacy forecast and enterprise risk stress testing. The risk identification is to make a judgment on all the major risks the Bank is exposed to. The risk assessment system provides an assessment on all major risks of the Bank and conducts a comprehensive analysis on the risk profile and management status of various major risks to compute the target capital adequacy ratio of the Bank. The capital adequacy forecast is to forecast changes in risk-weighted assets and capital, taking into account the Bank's business planning and financial planning so as to further predict the capital adequacy levels in the following years. The enterprise risk stress testing is to set stress scenarios reflecting business operation, asset-liability portfolio and risk features of the Bank under the premise of analysis on future macroeconomic trends to work out changes in indicators such as capital adequacy ratios of the Bank under the stress scenarios.

Capital Planning and Management Plan for Capital Adequacy Ratios

In 2022, the Board of Directors of the Bank reviewed and approved the Capital Planning of ICBC for the 14th Five-Year Plan Period. Comprehensively taking into account meeting the domestic and overseas regulatory requirements, preventing financial risks, supporting the real economy development, safeguarding the sound market image, keeping appropriate return on capital and other factors, the Planning defined the capital management objectives and specific measures to be undertaken for the 14th Five-Year Plan period. During the planning period, the Bank will endeavor to ensure that capital adequacy ratios at all tiers comply with the targets set in the Planning and maintain a safety margin and buffer, so as to provide solid capital support for the Bank's high-quality development. The Bank's capital adequacy ratios at all tiers had reached the regulatory standard during the reporting period and will continue to fulfill the regulatory requirements.

On the basis of capital replenishment by retained profits, the Bank proactively expanded the channels for external capital replenishment and continuously promoted the innovation of capital instruments, to optimize capital structure, reinforce the capital strength and control the cost of capital rationally.

The First Extraordinary General Meeting of 2022 of the Bank reviewed and approved the Proposal on the Issuance of Undated Additional Tier 1 Capital Bonds. The Bank planned to issue undated additional tier 1 capital bonds of no more than RMB130.0 billion in China's domestic market. All proceeds from the issuance were used to replenish the Bank's additional tier 1 capital. The issuance plan of the undated additional tier 1 capital bonds is still subject to the approval of relevant regulatory authorities.

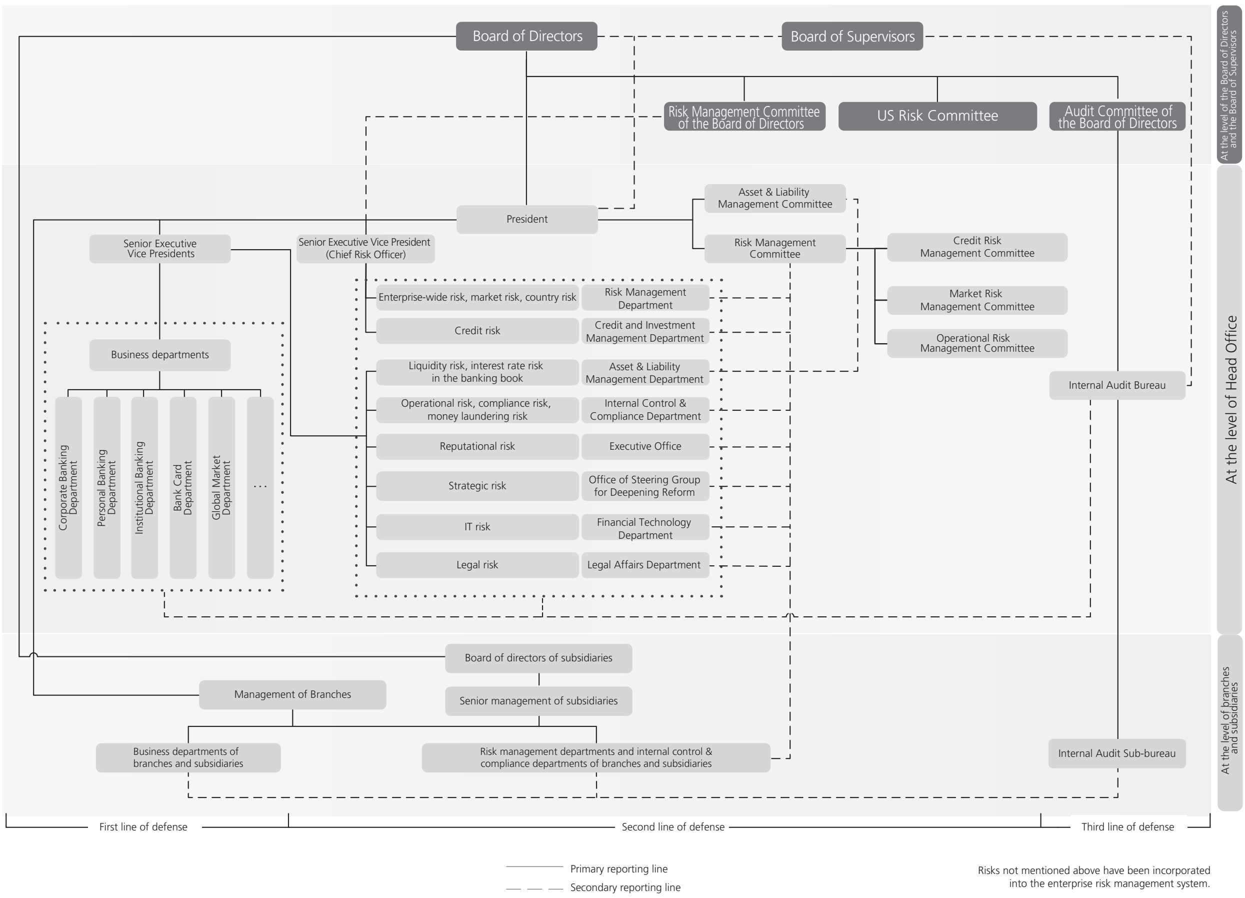
The Bank issued three tranches of tier 2 capital bonds of RMB40.0 billion, RMB50.0 billion and RMB40.0 billion respectively in China's national inter-bank bond market in January, April and August 2022. All proceeds were used to replenish the Bank's tier 2 capital in accordance with the applicable laws as approved by relevant regulatory authorities.

In October 2022, the Bank received the approvals from CBIRC, for the Bank to publicly issue tier 2 capital bonds of no more than RMB200.0 billion in China's national inter-bank bond market and record into the Bank's tier 2 capital according to relevant regulations. In November and December 2022, the Bank issued two tranches of tier 2 capital bonds of RMB60.0 billion and RMB30.0 billion in the national inter-bank bond market, respectively. All proceeds were used to replenish the Bank's tier 2 capital in accordance with the applicable laws as approved by relevant regulatory authorities.

Enterprise-wide Risk Management

Enterprise-wide risk management is a process to effectively identify, assess, measure, monitor, control or mitigate and report risks in order to ensure the realization of the Group's operating and strategic objectives by setting up effective and balanced risk governance structure, fostering robust and prudent risk culture, formulating unified risk management strategies and risk appetite, and implementing the risk limit and risk management policies. The principles of enterprise-wide risk management of the Bank include full coverage, matching, independence, perspectiveness and effectiveness, etc.

The Bank's organizational structure of risk management comprises the Board of Directors and its special committees, the Board of Supervisors, the Senior Management and its special committees, the risk management departments, the internal audit departments, etc. The risk management organizational structure is illustrated below:



In 2022, the Bank adhered to the principle of "laying a sound foundation for risk control". The Bank promoted the iterative upgrade of enterprise-wide risk management system with the over-arching Five-pronged Risk Management Approach, namely the overall risk management of domestic and overseas institutions, on- and off-balance sheet business, commercial banking and investment banking and other services, online and offline business, and Head Office and subordinate institutions. The Bank strengthened the top-level design for risk management by formulating and implementing the risk management plan of the Bank for the "14^{th} Five-Year Plan" period, to ameliorate the risk management system, consolidate the responsibilities of the three defense lines for risk management, and enhance the effectiveness of enterprise-wide risk management. The Bank conducted comprehensive inspection of various potential risks, continuously improved the capability of overseas institutions and subsidiaries in risk data penetration management, to reflect the overall picture of the Group's risks in a sufficient and dynamic manner. Besides, the Bank strengthened risk prevention and control in emerging fields, strictly implemented regulatory requirements for wealth management business, and intensified the risk management of cooperation institutions in investment and financing business.

Credit Risk

Credit risk is the risk where loss is caused to the banking business when the borrower or counterparty fails to meet its contractual obligations. The Bank's credit risks mainly originate from loans, treasury operations (including deposits with banks and other financial institutions, placements with banks and other financial institutions, reverse repurchase agreements, corporate bonds and financial bonds investment), receivables and off-balance sheet credit business (including guarantees, commitments and financial derivatives trading).

Credit Risk Management

The Bank strictly adheres to regulatory requirements regarding credit risk management, diligently fulfills established strategies and objectives under the leadership of the Board of Directors and the Senior Management, and implements an independent, centralized and vertical credit risk management mode. The Board of Directors assumes the ultimate responsibility for the effectiveness of credit risk management. The Senior Management is responsible for executing the strategies, overall policy and system regarding credit risk management approved by the Board of Directors. The Credit Risk Management Committee of the Senior Management is the reviewing and decision-making organ of the Bank in respect of credit risk management, is responsible for reviewing material and important affairs of credit risk management, and performs its duty in accordance with the Charters of the Credit Risk Management Committee. The credit and investment management departments at different levels undertake the responsibility of coordinating credit risk management at respective levels, and the business departments implement credit risk management policies and standards for their respective business areas in accordance with their functions.

According to the regulatory requirement on loan risk classification, the Bank implemented five-category classification management in relation to loan quality and classified loans into five categories: pass, special mention, substandard, doubtful and loss, based on the possibility of collecting the principal and interest of loans. In order to implement sophisticated management of credit asset quality and improve risk management, the Bank implemented the twelve-category internal classification system for corporate loans. The Bank applied five-category classification management to personal credit assets and ascertained the category of the loans based on the number of months in default, expected loss ratio, credit rating, collateral and other quantitative and qualitative factors.

The Bank continued to strengthen the construction of credit risk management system and consolidated the foundation for credit risk management. It improved the construction of the Group's unified investment and financing risk limit management system, optimized the limit review and approval procedure for sovereign customers, and intensified the construction of risk limit management system for the Group's affiliates. Moreover, the Bank clarified the life cycle management requirements for credit products, and included the responsibilities of three defense lines for risk management in the credit product risk management system, to fulfill the primary responsibility for risk control.

The Bank accurately grasped the layout and direction of investment and financing business and strengthened credit risk management. In terms of corporate credit business, the Bank actively supported the infrastructure construction projects involving "New infrastructure, New urbanization initiatives and Major projects", implemented the rural revitalization and new urbanization strategies, and continued to provide more investment and financing support for the areas of manufacturing industry such as intelligent manufacturing, digital economy, strategic emerging industries and transformation and upgrading of traditional industries. It actively implemented the development strategies of five key regions (namely, Beijing-Tianjin-Hebei region, Yangtze River Delta, Guangdong-Hong Kong-Macao Greater Bay Area, central China and Chengdu-Chongqing economic circle), and kept improving differentiated region credit policies. In terms of personal credit business, the Bank continued to facilitate the construction of "digital post-loan" system, accelerated the digital transformation of risk control area for personal loans and optimized the risk model deployment strategy, to enhance the efficiency of risk control. It also strengthened the refined management and collection of overdue loans, and optimized the personal loan disposal policy.

The Bank prevented and mitigated the risks in key fields such as local government debts, real estate, high polluting and high energy-consuming industries. The Bank strictly implemented the national laws, regulations and regulatory policies on the management of local government debts and financing platforms, continued with credit access management and monitoring, and firmly held the bottom line for no regional systemic risks. The Bank strictly implemented the real estate macro-control policy, with the focus on the objectives of "stabilizing land prices, housing prices and expectations", and maintained stable and orderly disbursement of real estate loans. To positively respond to the changes in real estate market, the Bank carried out the risk resolution project M&A loan business, targeting key real estate enterprises in a steady and orderly manner. With adherence to the market-oriented and law-based principles, the Bank actively provided financial services for "ensuring housing delivery", thus protecting the legitimate rights and interests of housing finance consumers according to law. Besides, the Bank further strengthened the investment and financing control over the high polluting and high energy-consuming industries, rigidly controlled customer access with the implementation of differentiated credit investment and financing strategy, and tightened up customer classification, to optimize customer structure and reinforce the use and management of credit funds.

Credit Risk Exposure

In RMB millions

Item	At 31 December 2022		At 31 December 2021	
	Parts covered by internal ratings-based approach	Parts uncovered by internal ratings-based approach	Parts covered by internal ratings-based approach	Parts uncovered by internal ratings-based approach
Corporate	13,218,501	1,921,276	11,784,229	1,579,671
Sovereign	—	8,887,123	—	7,788,462
Financial institution	—	4,113,104	—	3,234,577
Retail	8,091,471	525,806	7,803,147	558,255
Equity	—	193,606	—	186,061
Asset securitization	—	97,472	—	109,803
Other	—	5,139,070	—	4,855,985
Total risk exposure	**21,309,972**	**20,877,457**	**19,587,376**	**18,312,814**

Internal Ratings-based Approach

Governance Structure of Internal Rating System

The Board of Directors assumes the ultimate responsibility for the internal rating system of the Bank, supervises and ensures formulation and implementation by the Senior Management of necessary internal rating policies and procedures, and approves major policies, rules and implementation plans regarding the internal rating system. The Senior Management is responsible for implementation of IRB system across the Bank. The Risk Management Department of the Head Office is responsible for design, development, implementation, monitoring and promotion of the IRB management. The Credit Approval Department of the Head Office is responsible for management of corporate customer rating of the Bank. Relevant departments of the Head Office including the Credit and Investment Management Department, the Personal Banking Department, the Bank Card Department, the Asset & Liability Management Department and the Finance & Accounting Department are responsible for application of the internal rating results. The Internal Audit Bureau is responsible for internal audit of the internal rating system. Risk management departments of the branches are responsible for monitoring, promotion and application, analysis and reporting of the internal rating system. Relevant customer management departments of the branches are responsible for investigation, implementation and rating application regarding the internal rating system.

Non-retail Business

The Bank adopts the foundation IRB approach to measure non-retail credit risk satisfying regulatory requirements with rating models established based on quantitative technologies as well as experts' judgmental experience. The models assess debt-paying ability and willingness of customers based on financial indicators, competitiveness, management quality and operation status of the customers from quantitative and qualitative aspects. Customer's rating is determined by rating score and their probability of default ("PD") is mapped via the master scale uniformly set.

The Bank measures risk parameters of the internal rating models in strict accordance with relevant regulatory requirements. Under the non-retail credit risk foundation IRB approach, obligor PD is determined by referring to past 10 years or more defaults of corporate customers of the Bank as well as the long-term default tendency of different asset portfolios. The internal rating parameters, maintained according to the rules regarding management of internal rating parameters of the Bank, are monitored and validated on a regular basis.

MEASUREMENT RESULTS OF NON-RETAIL CREDIT RISK UNDER FOUNDATION IRB APPROACH

In RMB millions, except for percentages

	At 31 December 2022				
PD level	Exposure at default	Weighted average PD (%)	Weighted average LGD (%)	Risk-weighted assets	Average risk weight (%)
Level 1	1,512,015	0.09	44.78	439,149	29.04
Level 2	2,104,117	0.21	43.04	996,678	47.37
Level 3	2,566,672	0.64	43.27	1,886,578	73.50
Level 4	3,279,783	1.62	42.68	3,133,979	95.55
Level 5	1,863,311	2.57	41.33	1,835,753	98.52
Level 6	813,147	3.72	41.42	887,573	109.15
Level 7	423,498	5.28	41.51	515,514	121.73
Level 8	165,492	7.20	41.38	222,368	134.37
Level 9	136,219	9.60	40.30	202,505	148.66
Level 10	45,070	18.00	38.71	80,475	178.56
Level 11	80,965	56.00	41.18	140,066	173.00
Level 12	228,212	100.00	43.89	8,487	3.72
Total	**13,218,501**	—	—	**10,349,125**	**78.29**

PD level	At 31 December 2021 Exposure at default	Weighted average PD (%)	Weighted average LGD (%)	Risk-weighted assets	Average risk weight (%)
Level 1	1,189,661	0.09	44.71	347,327	29.20
Level 2	1,935,468	0.21	42.51	893,244	46.15
Level 3	2,236,190	0.64	43.31	1,625,358	72.68
Level 4	3,027,170	1.62	43.26	2,878,514	95.09
Level 5	1,735,751	2.56	42.12	1,712,171	98.64
Level 6	662,023	3.72	42.40	730,133	110.29
Level 7	391,316	5.28	41.99	480,058	122.68
Level 8	145,476	7.20	42.23	202,938	139.50
Level 9	135,605	9.60	41.44	207,749	153.20
Level 10	45,286	18.00	40.29	84,781	187.21
Level 11	68,751	56.00	41.50	117,549	170.98
Level 12	211,532	100.00	43.82	13,843	6.54
Total	**11,784,229**	—	—	**9,293,665**	**78.87**

Retail Business

The Bank adopts IRB approach to measure retail credit risk pursuant to regulatory requirements, establishes the internal grading models covering entire life cycle of all types of retail products and asset pool classification and risk parameter measurement models covering all risk exposures of retail credit assets by utilizing the historical data accumulated in a long term with the help of modeling methods and expert management experience, and realizes quantitative management of retail credit risk models.

The Bank conducts comprehensive analysis of loan repayment ability and willingness of customers by using modern mathematical statistics technologies to mine, analyze and extract data of customers, assets, debts and transactions, and develops the credit score model system including application score, behavior score and collection score models and realizing the coverage of entire life cycle of retail business.

According to relevant IRB approach requirements, the Bank has put in place asset pool classification procedures and technologies suited for the actual retail business, developed the asset pool classification system applied to measurement of all risk parameters and accordingly realized measurement of risk parameters for retail credit assets like probability of default ("PD"), loss given default ("LGD") and exposure at default, etc.

MEASUREMENT RESULTS OF RETAIL CREDIT RISK UNDER IRB APPROACH

In RMB millions, except for percentages

	At 31 December 2022				
Type of risk exposure	Exposure at default	Weighted average PD (%)	Weighted average LGD (%)	Risk-weighted assets	Average risk weight (%)
Residential mortgages	6,333,088	1.65	30.94	1,208,440	19.08
Qualifying revolving retail exposure	675,607	3.99	45.74	158,505	23.46
Other retail exposures	1,082,776	3.62	62.39	628,348	58.03
Total	**8,091,471**	—	—	**1,995,293**	**24.66**

	At 31 December 2021				
Type of risk exposure	Exposure at default	Weighted average PD (%)	Weighted average LGD (%)	Risk-weighted assets	Average risk weight (%)
Residential mortgages	6,266,438	1.20	30.64	1,274,977	20.35
Qualifying revolving retail exposure	718,968	3.71	50.22	177,483	24.69
Other retail exposures	817,741	3.71	55.46	508,237	62.15
Total	**7,803,147**	—	—	**1,960,697**	**25.13**

Application of Internal Rating Results

The internal rating results of the Bank are widely used throughout the whole credit risk management process including the credit risk strategy and credit policy formulation, customer access, credit approval, loan pricing, post-lending management, capital measurement, risk limit management, allowance management and performance assessment. While complying with the regulatory requirements, the Bank also takes into account the internal rating result as an important base for decision-making over credit risk management and credit business.

Weighted Approach

The Bank adopts weighted approach to measure credit risk exposures uncovered by the IRB approach.

RISK EXPOSURE UNCOVERED BY IRB APPROACH BY WEIGHT

In RMB millions

Risk weight	At 31 December 2022		At 31 December 2021	
	Risk exposure	Unmitigated risk exposure	Risk exposure	Unmitigated risk exposure
0%	6,360,085	6,360,085	5,617,025	5,617,025
2%	259,995	54,007	305,107	38,963
20%	6,406,272	6,247,513	5,476,063	5,346,678
25%	2,343,615	2,239,286	1,602,222	1,555,703
50%	220,453	209,803	190,028	187,337
75%	495,868	492,675	539,186	535,638
100%	4,321,606	3,634,187	4,183,016	3,507,071
150%	65,326	63,234	27,320	27,319
250%	177,959	177,797	136,029	135,909
400%	128,384	128,384	149,077	149,077
1250%	97,894	97,894	87,741	87,741
Total	**20,877,457**	**19,704,865**	**18,312,814**	**17,188,461**

Note: The weights adopted in the weighted approach-based measurement of credit risk by the Bank were in strict compliance with the relevant provisions of the Capital Regulation.

RISK EXPOSURE OF CAPITAL INSTRUMENTS ISSUED BY OTHER COMMERCIAL BANKS HELD BY THE BANK, EQUITY INVESTMENT IN COMMERCIAL ENTITIES AND REAL ESTATE FOR NON-SELF USE

In RMB millions

Item	At 31 December 2022	At 31 December 2021
Ordinary shares issued by other commercial banks	30,183	26,315
Long-term subordinated bonds issued by other commercial banks	127,404	108,732
Perpetual bonds issued by other commercial banks	63	–
Equity investment in commercial entities	159,776	160,042
Total	**317,426**	**295,089**

Credit Risk Mitigation

The Bank generally transfers or lowers credit risk through collateral and guarantees. The credit risk mitigation instruments effectively cover credit risk exposure of borrowers. The Bank reviews its risk mitigation instruments in handling the credit business to ensure their credit risk mitigation capability.

The Bank monitors the market value of collateral and pledges and the solvency of a guarantor regularly or irregularly if special circumstances warrant. Collateral mainly includes real estate, land and the right of construction land use, and the management right of contracted land, and pledges mainly include document of title and marketable securities, etc. Collateral and pledges valuation procedures are divided into basic procedures and direct identification procedures. Basic procedures include investigation, measurement, review and examination, and approval; direct identification procedures include investigation and approval. For initial value appraisal of collateral, the Bank shall consider the characteristics of different types of collateral and employ proper appraisal methods to determine collateral value in consideration of market price, difficulty degree of liquidation and existence of flaws and other factors affecting the asset disposal price, thereby reasonably identifying the amount of collateral that can be guaranteed. Revaluation cycle of collateral and pledges is determined according to regulatory requirements, changes of market and other risk factors, and revaluation shall be completed before the revaluation cycle expires. The Bank shall reassess the collateral and pledge value irregularly upon discovering conditions which may possibly result in an impairment of the collateral and pledge or obvious adverse changes happening to the customer.

The Bank analyzes concentration risk of mitigation regularly or according to changes in internal and external environment, and takes appropriate countermeasures. Through the Bank's efforts in adjusting credit structure, the Bank continues to improve the structure of collateral and pledges.

COVERAGE OF ELIGIBLE RISK MITIGATION INSTRUMENTS COVERED BY IRB APPROACH

In RMB millions

	At 31 December 2022				At 31 December 2021			
Type of risk exposure	Eligible financial pledge	Other eligible collateral	Guarantee	Total	Eligible financial pledge	Other eligible collateral	Guarantee	Total
Non-retail business								
Corporate loans	446,320	974,801	978,922	2,400,043	309,170	983,101	920,802	2,213,073
Subtotal	**446,320**	**974,801**	**978,922**	**2,400,043**	**309,170**	**983,101**	**920,802**	**2,213,073**
Retail business								
Residential mortgages	–	6,333,088	–	6,333,088	–	6,266,438	–	6,266,438
Other retail exposures	14,949	877,279	4,731	896,959	12,975	669,510	4,514	686,999
Subtotal	**14,949**	**7,210,367**	**4,731**	**7,230,047**	**12,975**	**6,935,948**	**4,514**	**6,953,437**
Total	**461,269**	**8,185,168**	**983,653**	**9,630,090**	**322,145**	**7,919,049**	**925,316**	**9,166,510**

COVERAGE OF ELIGIBLE RISK MITIGATION INSTRUMENTS UNCOVERED BY IRB APPROACH

In RMB millions

	At 31 December 2022				At 31 December 2021			
Type of risk exposure	Netting settlement	Mortgage & pledge and guarantee	Other	Total	Netting settlement	Mortgage & pledge and guarantee	Other	Total
On-balance sheet credit risk	–	595,354	–	595,354	–	470,356	–	470,356
Off-balance sheet credit risk	–	89,661	–	89,661	–	74,772	–	74,772
Counterparty credit risk	7,662	–	479,915	487,577	9,364	–	569,861	579,225
Total	**7,662**	**685,015**	**479,915**	**1,172,592**	**9,364**	**545,128**	**569,861**	**1,124,353**

Loan Quality and Allowance for Impairment Losses on Loans

DISTRIBUTION OF LOANS BY FIVE-CATEGORY CLASSIFICATION

In RMB millions, except for percentages

Item	At 31 December 2022 Amount	At 31 December 2022 Percentage (%)	At 31 December 2021 Amount	At 31 December 2021 Percentage (%)
Pass	22,439,514	96.67	19,961,778	96.59
Special mention	451,628	1.95	412,038	1.99
NPLs	321,170	1.38	293,429	1.42
Substandard	158,372	0.68	134,895	0.66
Doubtful	118,574	0.51	128,983	0.62
Loss	44,224	0.19	29,551	0.14
Total	**23,212,312**	**100.00**	**20,667,245**	**100.00**

OVERDUE LOANS

In RMB millions, except for percentages

Overdue periods	At 31 December 2022 Amount	At 31 December 2022 % of total loans	At 31 December 2021 Amount	At 31 December 2021 % of total loans
Less than 3 months	93,802	0.40	72,444	0.35
3 months to 1 year	79,509	0.34	70,057	0.34
1 to 3 years	91,177	0.40	93,247	0.45
Over 3 years	19,543	0.08	19,153	0.09
Total	**284,031**	**1.22**	**254,901**	**1.23**

Note: Loans and advances to customers are deemed overdue when either the principal or interest is overdue. For loans and advances to customers repayable by installments, the total amount of loans is deemed overdue if part of the installments is overdue.

MOVEMENTS OF ALLOWANCE FOR IMPAIRMENT LOSSES ON LOANS

In RMB millions

	Movements of allowance for impairment losses on loans and advances to customers measured at amortised cost				Movements of allowance for impairment losses on loans and advances to customers measured at FVTOCI			
Item	Stage 1	Stage 2	Stage 3	Total	Stage 1	Stage 2	Stage 3	Total
Balance at 1 January 2022	**269,376**	**110,649**	**223,739**	**603,764**	**191**	**–**	**28**	**219**
Transfer:								
to stage 1	31,002	(28,109)	(2,893)	–	–	–	–	–
to stage 2	(11,705)	15,684	(3,979)	–	–	–	–	–
to stage 3	(4,594)	(49,676)	54,270	–	–	–	–	–
(Reverse)/charge	(6,642)	92,227	57,271	142,856	317	–	–	317
Write-offs and transfer out	–	–	(85,157)	(85,157)	–	–	–	–
Recoveries of loans and advances previously written off	–	–	9,529	9,529	–	–	–	–
Other movements	1,278	811	(857)	1,232	2	–	–	2
Balance at 31 December 2022	**278,715**	**141,586**	**251,923**	**672,224**	**510**	**–**	**28**	**538**

For provisioning method of allowance for impairment losses on loans, please refer to the Significant Accounting Policies and Estimates in the Notes to the Financial Statements of the 2022 Annual Report of the Bank.

Counterparty Credit Risk

Counterparty credit risk is the risk caused by the counterparty's default before the completion of cash flow settlement regarding derivative instruments and securities financing transactions. The Bank is exposed to counterparty credit risk mainly as a result of over-the-counter ("OTC") derivatives trading and securities financing trading.

The counterparty shall meet relevant requirements on customer access standards before conducting derivatives trading with the Bank. The Bank assesses credit status, risk management level and capital strength of the counterparty, approves and regularly reviews special credit limit for derivatives trading. Before trading, the Bank will first enquire whether the credit limit of the counterparty is adequate.

For OTC derivatives trading, the Bank concludes the Credit Support Appendix ("CSA") under the ISDA master agreement with certain counterparty in accordance with the requirements of both sides' regulatory authorities. Where the counterparty's credit rating is downgraded, it shall be set based on the agreement provisions as to whether the downgraded party has to provide extra collateral to its counterparty. In case that there is no relevant expression in the agreement, such downgrading will not affect both sides' collateral exchange; and if there is relevant expression in the agreement, the quantity of collateral will be adjusted as per the agreement. For institutions that have not signed the CSA agreement, the signing strategy will be adjusted in a timely manner in accordance with changes in compliance requirements of domestic and overseas regulatory authorities.

COUNTERPARTY CREDIT RISK EXPOSURE OF DERIVATIVES TRADING

In RMB millions

Item	At 31 December 2022	At 31 December 2021
Risk exposure at default of parts covered by netting settlement	88,082	30,790
Risk exposure at default of parts uncovered by netting settlement	116,906	140,255
Total of counterparty credit risk exposure of derivatives trading before mitigation	**204,988**	**171,045**
Counterparty credit risk mitigation	–	–
Total of counterparty credit risk exposure of derivatives trading	**204,988**	**171,045**

NOMINAL PRINCIPAL OF CREDIT DERIVATIVES

In RMB millions

	At 31 December 2022		At 31 December 2021	
Item	Credit derivatives bought	Credit derivatives sold	Credit derivatives bought	Credit derivatives sold
Nominal principal of credit derivatives as credit portfolios of the Bank	**869**	**4,688**	**1,247**	**3,092**
Credit default swap	869	3,629	1,247	1,514
Total return swap	–	1,059	–	1,578
Nominal principal of credit derivatives where the Bank acts as intermediary	**4,967**	**4,967**	**5,032**	**5,032**
Credit default swap	1,493	1,493	1,260	1,260
Total return swap	3,474	3,474	3,772	3,772

Asset Securitization

Credit asset securitization refers to structured financing activities where the originator trusts credit assets to the trustee, and the trustee issues beneficiary securities in the form of asset-backed securities to institutional investors, and the cash flow from the credit assets is used to pay income of asset-backed securities. All securitization originated by the Bank is traditional securitization, and the Bank has not initiated credit asset securitization products with early amortization clause arrangement and underlying assets with revolving feature.

Asset Securitization Business

The Bank participates in the asset securitization business mainly by acting as originator of asset securitization business, lending services provider, lead underwriter and institutional investor.

◆ *As originator and lending services provider*

The Bank continued to stimulate the development of asset securitization business and effectively supported disposal of non-performing loans, revitalization of stock assets and optimization of credit structure. In 2022, the Bank issued a total of four asset securitization projects, for which rating services are provided by qualified external rating agencies such as China Bond Rating Co., Ltd. and China Lianhe Credit Rating Co., Ltd. As at the end of 2022, some underlying assets of the asset securitization projects originated by the Bank were still retained, and the project operation remained steady. As the originator, the Bank held part of asset-backed securities which the Bank issued in line with the regulatory authority's risk self-retention requirement, and took corresponding credit risk and market risk for the part the risk of which was self-retained. At the end of 2022, assets continued to be involved amounted to RMB75,925 million.

CREDIT ASSET SECURITIZATION BUSINESS ORIGINATED BY THE GROUP AND NOT SETTLED AT THE END OF THE REPORTING PERIOD

In RMB millions

Type of underlying assets	Balance of underlying assets	Balance of non-performing assets	Balance of overdue assets
Personal loans	326,135	26,577	26,017
Total	**326,135**	**26,577**	**26,017**

◆ *As lead underwriter*

The Bank performs obligations that are set forth in relevant requirements and agreements, works diligently, and carries out the sales and distribution of asset-backed securities in strict compliance with laws and regulations, as well as codes of conducts and professional ethics.

◆ *As institutional investor*

The Bank invests in the asset-backed securities which the Bank issues and retains, and the asset-backed securities which the other institutions issue, most of which are senior AAA-rated. The Bank undertakes credit risk and market risk of the asset securitization products invested.

For accounting policies regarding asset securitization, please refer to the Significant Accounting Policies and Estimates in the Notes to the Financial Statements of the 2022 Annual Report of the Bank.

Asset Securitization Risk Exposure and Capital Requirement

The Bank measures asset securitization risk exposure and capital requirement according to the Capital Regulation. At the end of 2022, risk-weighted assets for asset securitization stood at RMB152,903 million and capital requirement RMB12,232 million.

ASSET SECURITIZATION RISK EXPOSURE

In RMB millions

Type of risk exposure	At 31 December 2022	At 31 December 2021
As originator		
Asset-backed securities	72,238	73,528
As investor		
Asset-backed securities	21,871	34,466
Total	**94,109**	**107,994**

Market Risk

Market risk is defined as the risk of loss to the Bank's on- and off-balance sheet activities caused by adverse movements in market rates (including interest rates, exchange rates, stock prices and commodity prices). The Bank is primarily exposed to interest rate risk and currency risk (including gold). Market risk management is the process of identifying, measuring, monitoring, controlling and reporting market risk. The objective of market risk management is to control market risk exposures within a tolerable level and maximize risk-adjusted return according to the Bank's risk appetite.

Market Risk Management

The Bank strictly complies with regulatory requirements on market risk management, has implemented an independent, centralized and coordinated market risk management model, and formed a management organizational structure featuring the segregation of the front, the middle and the back offices in the financial market business. The Board of Directors assumes the ultimate responsibility for monitoring market risk management. The Senior Management is responsible for executing the strategies, overall policy and system concerning market risk management approved by the Board of Directors. The Market Risk Management Committee of the Senior Management is the reviewing and decision-making organ of the Bank in respect of market risk management, is responsible for reviewing material affairs of market risk management, and performs its duty in accordance with the Working Regulations for the Market Risk Management Committee. The risk management departments at different levels undertake the responsibility of coordinating market risk management at respective levels, and the business departments implement market risk management policies and standards for their respective business areas in accordance with their functions.

In 2022, the Bank continued to deepen the Group's market risk management, innovated the financial market business and product risk management system, and established the product life cycle risk assessment and review mechanism. With the verification and issuance of the Group's market risk limit plan for 2022, the Bank strictly controlled the Group's market risk limit. The interest rate, exchange rate and commodity risks were analyzed in a timely manner. Global financial market monitoring was conducted on an ongoing basis, and a fast risk reporting mechanism was established. The Bank also kept enhancing the intelligent level of market risk management system, promoted the extended application of Global Market Risk Management system to overseas institutions, and pushed forward the implementation of the standardized market risk approach of Basel III Final Reform Package issued by Basel Committee.

Market Risk Measurement

CAPITAL REQUIREMENT FOR MARKET RISK

In RMB millions

Risk type	At 31 December 2022	At 31 December 2021
Parts covered by internal model approach	**6,447**	**4,081**
Parts uncovered by internal model approach	**9,810**	**8,214**
Interest rate risk	5,335	4,465
Commodity risk	4,435	3,707
Option risk	40	42
Total	**16,257**	**12,295**

Note: According to the implementation scope of the advanced capital management approaches approved by the regulatory authorities, parts covered by the market risk internal model approach of the Bank include currency risk of the Group, general interest rate risk of the parent company and ICBC (Canada) and commodity risk of the parent company. Parts uncovered by the internal model approach are measured by the standardized approach.

The Bank applied the Historical Simulation Method, based on the historical scenario data of 250 days, to measure the VaR and stressed VaR with a confidence interval of 99% and a holding period of ten days, which is then used for capital measurement of the Group's market risk under the internal model approach.

VALUE AT RISK (VAR)

In RMB millions

	2022				2021			
Item	Period end	Average	Maximum	Minimum	Period end	Average	Maximum	Minimum
VaR	**1,262**	**427**	**1,262**	**227**	**468**	**535**	**839**	**288**
Interest rate risk	749	247	749	125	273	398	811	189
Currency risk	495	316	544	194	249	369	913	115
Commodity risk	153	84	256	12	71	173	503	22
Stressed VaR	**1,542**	**1,503**	**2,058**	**996**	**1,028**	**900**	**1,396**	**587**
Interest rate risk	1,581	1,472	2,076	588	596	617	811	384
Currency risk	495	620	1,414	323	632	706	1,275	301
Commodity risk	153	137	518	21	140	219	503	54

The Bank carries out daily back-testing to verify the accuracy of VaR models. During the past 250 trading days before the end of the reporting period, the number of back-testing exceptions of the Group lied in the yellow zone demarcated by CBIRC. The market risk measurement models of the Bank captured the financial market fluctuations timely and produced objective pictures of market risk faced by the Bank.

The Bank conducted the stress tests of market risk under different stress scenarios, at different levels and of different trading portfolios on a regular basis or from time to time by using the Global Market Risk Management ("GMRM") system, consistent with the regulatory requirements and the Group's internal management needs. The Bank kept widening the application of stress testing management of market risk and continued to ameliorate the Group's market risk stress testing level.

Interest Rate Risk in the Banking Book

Interest rate risk in the banking book is defined as the risk of loss in the economic value and overall profit of the banking book arising from adverse movements in interest rate and maturity structure, etc.

Management of Interest Rate Risk in the Banking Book

The Bank's management system for interest rate risk in the banking book conforms to the system importance, risk status and business complexity, and fits the Bank's overall development strategy and the enterprise-wide risk management system. The system mainly consists of the following elements: an effective risk governance structure; sound risk management strategies, policies and procedures; effective risk identification, measurement, monitoring, control and mitigation that cover all areas; a complete internal control and review mechanism; a fully-built risk management system; and adequate information disclosure and reporting. The Bank strictly complied with regulatory requirements for interest rate risk in the banking book, effectively managed interest rate risk in the banking book at the Bank and consolidated level, and developed a sound governance structure for interest rate risk management in the banking book that is fully built and well-structured, with clearly defined rights and responsibilities. The Board of Directors and the Senior Management are vested with the ultimate and executive responsibilities, respectively, for managing interest rate risk in the banking book. The Asset & Liability Management Department of the Head Office takes the leading role in managing interest rate risk in the banking book, and other departments and institutions play their roles in implementing policies and standards concerning interest rate risk in the banking book. The Internal Audit Bureau and the Internal Control & Compliance Department of the Head Office are responsible for reviewing and evaluating duties in respective of interest rate risk in the banking book.

The objective of management of interest rate risk in the banking book: The Bank aims at maximizing the risk-adjusted net interest income within the tolerable level of interest rate risk under its risk management and risk appetite. The Bank formulated strategies and clarified objectives and modes for managing interest rate risk in the banking book based on risk appetite, risk status, macroeconomic and market changes. Based on the pre-judging of the interest rate trend and measurement results of the changes in overall profit and economic value, the Bank formulated and put into practice relevant management policies, and adopted a coordinated approach to using interest rate risk control tools to mitigate and manage risks, so as to ensure the Bank's actual interest rate risks conform to its bearing capability and willingness. On the basis of management strategies and objectives, the Bank developed policies and made clear the modes and instruments for managing interest rate risk in the banking book. By developing and modifying such methods as on-balance sheet adjustment and off-balance sheet hedging to manage interest rate risk, adeptly using quantity, pricing and derivative instruments regarding assets and liabilities, and applying limit management system, business plan, performance assessment and capital evaluation in all areas for interest rate risk management and assessment, the Bank achieved effective control of interest rate risk at the business lines, the branches, the affiliates and the products and portfolios easily affected by interest rate risk.

In line with the principles of comprehensiveness, prudence and foresight, the Bank's stress testing on interest rate risk in the banking book adopted the interest rate risk exposure measurement approach and standardized duration approach to measure the effect of interest rate exposure changes under different stress scenarios on the overall profit and economic value. Based on the domestic and overseas regulatory requirements, the bank-wide asset and liability business structure, operation and management as well as risk appetite, the Bank set stress testing scenarios for interest rate risk in the banking book by taking into account the current interest rate level, historical changes and trends, total assets and liabilities and their term characteristics, business development strategies, customer behaviors and other factors, and conducted stress testing quarterly.

Interest Rate Risk in the Banking Book

In 2022, the Bank, in adherence to a prudent interest rate risk appetite, smoothly responded to the complicated and changing economic and financial environments and the risk challenges at home and abroad and improved the dynamic adjustment mechanism for its forward-looking, scientific and active interest rate risk management strategy, so as to accurately control asset-liability layout and interest rate exposures, continuously optimize its interest rate risk management model, and consolidate the quality and effectiveness of the Group's robust cross-cyclical operations. With the coordinated balance between stable growth and risk prevention, the Bank improved the combined regulation mechanism for whole process management, all-factor regulation and full-lifecycle coverage of interest rate risk, kept enhancing the digital management of interest rate risk, and maintained regulatory indicators compliant with standards and interest rate risk controllable, thus achieving balanced growth of the Group's current income and long-term value.

Banking Book Interest Rate Sensitivity Analysis

The Bank measures interest rate risk in the banking book on a monthly basis and reports the same on a quarterly basis in accordance with relevant requirements of CBIRC. While measuring the impact of interest rate change on net interest income and equity value, the Bank assigns the deposits without a maturity date to a reasonable time bucket in consideration of the deposit and loan characteristics and historic data, and assesses the impact of prepayment on interest rate risk measurement by taking the possibility of prepaying residential mortgages into full consideration.

Supposing that there is parallel shift of overall market interest rates, and taking no account of possible risk management actions taken by the Management to mitigate the interest rate risk, the analysis on interest rate sensitivity of the Bank categorized by major currencies at the end of 2022 is shown in the following table:

In RMB millions

	+100 basis points in interest rate		-100 basis points in interest rate	
Currency	**Effect on net interest income**	**Effect on equity**	**Effect on net interest income**	**Effect on equity**
RMB	(29,467)	(56,877)	29,467	63,210
USD	(469)	(4,663)	469	4,945
HKD	(809)	1,563	809	(1,642)
Other	(436)	(1,290)	436	1,355
Total	**(31,181)**	**(61,267)**	**31,181**	**67,868**

Operational Risk

Operational risk is defined as the possibility of loss resulting from insufficient or problematic internal processes, employees and IT systems or from external events, including legal risk, but excluding strategic and reputational risk. There are seven major types of operational risks faced by the Bank, including internal fraud, external fraud, employment system and workplace safety, customers, products and business activities, damage to physical assets, IT system, execution and delivery and process management. Among these, external fraud, execution, delivery and process management constitute major sources of operational risk losses of the Bank.

Operational Risk Management

The Bank strictly complies with regulatory requirements on operational risk management. The Board of Directors, the Board of Supervisors, the Senior Management and its Operational Risk Management Committee are respectively responsible for decision-making, supervision and execution with respect to operational risk management, and relevant departments act as the "three lines of defense" for operational risk management pursuant to their management functions, thus forming an operational risk management system with close connection and mutual checks and balances. Institutions and departments function as the first line of defense, assume the direct responsibility for respective operational risk management. Classified management departments such as Internal Control & Compliance, Legal Affairs, Security, Financial Technology, Finance & Accounting, Operation Management and Human Resources as well as cross-risk management departments including Credit and Investment Management and Risk Management jointly perform the functions as the second line of defense, which are respectively responsible for the lead management of operational risk, the classified management of certain type of operational risk and the management of operational risk across credit and market risks. The Internal Audit Department performs the functions as the third line of defense and assumes the responsibility for supervision, and is responsible for supervising the effectiveness of operational risk management.

Operational risk management objectives of the Bank are: to enhance the confidence of shareholders and the public by establishing a sound operational risk governance structure and improving operational risk management and control; to enhance customer satisfaction and employees' sense of belonging as well as overall services by identifying high-risk areas and resolving potential operational risks; to enhance operational efficiency of the Bank by improving process control and operational risk management resources allocation while weighing benefits against costs; to reduce operational risk losses of the Bank and improve the control ability and level by taking effective risk control and mitigation measures; to minimize the legal risk by conducting review and supervision and satisfying the external regulatory requirements.

The Bank adopts a differential operational risk management strategy: avoiding operational risks characterized with high severity and high frequency, transferring those characterized with high severity and low frequency, mitigating those characterized with low severity and high frequency, and taking those characterized with low severity and low frequency.

The Bank's operational risk management procedures include operational risk identification, assessment, monitoring, control/mitigation, measurement, reporting and liability determination.

- Risk identification: The Bank identifies operational risk of new products and new businesses, operational risk event, operational risk loss event, etc.

- Risk assessment: The Bank formulates and implements management measures for operational risk and control self-assessment and scenario analysis, and makes comprehensive, timely, objective and forward-looking estimation of inherent risk, control effectiveness and residual risk of all business lines and all branches on a regular basis.

- Risk monitoring: The Bank formulates and implements management measures for operational risk monitoring, establishes an overall, professional and regional operational risk indicators monitoring system, and monitors, checks, analyzes and warns key risk exposures of respective business line and institution on a regular basis.

- Risk control/mitigation: The Bank formulates and implements operational risk control basic standards and measures, establishes and implements operational risk mitigation related management measures, builds operational risk control system of the Bank, and promptly prevents and mitigates potential operational risk. The Bank's operational risk mitigation measures include but are not limited to business outsourcing, insurance purchase, business continuity plan and contingency plan, and capital allocation.

- Risk measurement: The Bank formulates and implements management measures for operational risk capital measurement; relevant departments research and improve calculation methods and models for economic capital and regulatory capital, make capital allocation and adjustment, and monitor operational risk capital management according to their responsibilities.

- Risk reporting: The Bank formulates and implements operational risk management measures for risk reporting, truly and fully reflects the operational risk profile of all business lines and institutions, reveals potential critical risks and proposes effective measures and suggestions for improvement.

- Liability determination: The Bank formulates and implements management measures for operational risk liability assessment and determination, determines duty performance by relevant personnel based on objective facts by assessing the subjective and objective reasons of operational risk loss event and material operational risk event, and determines and deals with direct, management, leadership and supervision liabilities.

In 2022, the Bank deepened operational risk management and improved the business continuity management system in line with regulatory focuses and operational risk trends, to ensure continuous business operation. In alignment with the regulatory requirements of the Basel Committee and the CBIRC for operational risk management, the Bank strengthened loss data management, optimized the operational risk management system, steadily advanced the project on meeting new operational risk regulations, and coordinated the self-assessment of operational risk and control, to enhance operational risk control in a constant manner. To improve the long-term case prevention mechanism, the Bank issued the Administrative Measures for the Responsibility System for the Prevention of Criminal-related Cases, to consolidate the main responsibilities for case prevention, deepen the joint prevention and control of criminal-related cases and risk events, and normalize and standardize case warning and education in the whole bank. Besides, it continued to strengthen the grid-based intelligent control mechanism for abnormal employee behavior, carried out special governance in key business areas, and intensified the analysis of abnormal employee behavior, so as to enhance the capability in preventing violations. During the reporting period, the operational risk control system of the Bank operated smoothly, and the operational risk was controllable on the whole.

Legal Risk

Legal risk is the risk of incurring legal sanctions, regulatory penalties, financial losses, reputational losses or other negative consequences that arises out of or in connection with the failure of the Bank to comply with relevant laws, regulations, administrative rules, regulatory provisions or requirements of other relevant rules during the Bank's operation; the unfavorable legal defects that exist in products, services or information provided to clients, transactions engaged in, and contracts, agreements or other documents executed by the Bank; legal disputes (litigation or arbitration proceedings) between the Bank and its clients, counterparties and stakeholders; important changes in relevant laws and regulations, administrative rules, regulatory provisions and other relevant rules; and other relevant legal events that occur internally and externally.

Based on the objective to ensure legal and compliant operation, the Bank always attaches great importance to establishing a sound legal risk management system, forming a full-process legal risk prevention and control mechanism to support and secure business innovation and market competition, and to prevent and eliminate various potential or practical legal risks. The Board of Directors is responsible for reviewing and determining the strategy and policy relating to legal risk management, and assumes the ultimate responsibility of legal risk management. The Senior Management is responsible for executing the strategy and policy relating to legal risk management, examining and approving relevant important affairs. The Legal Affairs Department of the Head Office is in charge of legal risk management across the Group, with relevant business departments providing related support and assistance on legal risk prevention and control. The affiliates, domestic and overseas branches undertake the responsibility of legal risk management of their respective institutions.

In 2022, the Bank continued to strengthen legal risk management, by improving the risk prevention and control capacity in legal risk management, ensuring the legal and compliant operation, healthy business development and overall business stability of the Group. In accordance with new laws and regulations, its business rules, relevant agreements and system construction were improved, and legal risk prevention and control in key areas and links was further pushed forward in line with new requirements of financial regulators. The Bank also conducted ongoing monitoring of legal risks and improved both the vertical interconnection and horizontal coordination mechanism between the Head Office and branches. By systematically embedding legal risk prevention and control into business negotiations, product design, contract signing and other links, the Bank made risk prevention and control more prospective, proactive and targeted. It improved the cross-border coordination and management for legal work, strengthened the legal risk management of overseas institutions, and enhanced the training of legal talents for overseas business, thus properly responding to cross-border legal issues emerging in the development of international operations. Moreover, the Bank ameliorated the function design and management mechanism for the electronic signing system, to further enhance its risk control capability and usability, and effectively prevent and control operational risk, legal risk and reputational risk caused by misuse of contract seal. It continuously reinforced authorization management, related party management, trademark management and intellectual property protection, and made efforts to constantly institutionalize risk management and control, and refine the structure of the system. The Bank devoted great energy to strongly deal with lawsuit cases to protect the Bank's rights and interests in accordance with law and avoid and reduce risk losses. In addition to the active assistance in online judicial inquiry and enforcement, the Bank played a positive role in improving the efficiency of law enforcement and case handling by competent authorities and building a social credibility system.

Money Laundering Risk

In strict compliance with anti-money laundering ("AML") laws and regulations of China and host countries (regions) of overseas institutions, the Bank sincerely fulfilled the legal obligations and social responsibilities concerning AML. Focusing on foundation solidifying, technology-driven empowerment and team building, the Bank reinforced the Group's money laundering risk management in a planned manner. It enhanced domestic institutions' capabilities in solidifying foundation for AML and established an AML customer due diligence system. It promoted the construction of a long-term mechanism for overseas AML management, and set up a sanction-related risk management framework. To appropriately implement money laundering risk assessment, the Bank also built a new AML ecosystem and a big data supervision and management system. Besides, the campaign of "AML Training and Publicity Season" was launched to effectively enhance the ability of employees to perform AML responsibilities, and strengthen the public's awareness of resisting money laundering crimes and intensifying self-protection. With these efforts, the quality and efficiency of AML has been further improved.

Operational Risk Measurement

The Bank adopts the standardized approach to measure capital requirement for operational risk. As at the end of 2022, the capital requirement for operational risk was RMB122,686 million.

Liquidity Risk

Liquidity risk is the risk that the Bank is unable to raise funds on a timely basis at a reasonable cost to settle liabilities as they fall due, or perform other payment obligations and satisfy other funding demands arising from the normal course of business. Liquidity risk may arise from the following events or factors: material adverse changes in market liquidity, withdrawal of customers' deposits, drawing of loans by customers, overdue payment of debtors, mismatch between assets and liabilities, difficulties in assets realization, operating losses and risk associated with its affiliates.

Liquidity Risk Management

The Bank's liquidity risk management system conforms to its overall development strategy and overall risk management system, and is commensurate with the business scale, business nature, complexity and other aspects of the Bank. The system includes the following fundamental elements: effective governance structure for liquidity risk management; sound strategy, policy and procedures for liquidity risk management; effective identification, measurement, monitoring and control for liquidity risk and a complete management information system. In respect of liquidity risk management, the Bank's governance structure embodies the decision-making system comprising the Board of Directors and its special committees as well as the Asset and Liability Management Committee and the Risk Management Committee of the Head Office; the supervision system comprising the Board of Supervisors, the Internal Audit Bureau and the Internal Control and Compliance Department of the Head Office; and the execution system comprising the Asset and Liability Management Department, leading management departments of on- and off-balance sheet businesses, the information technology departments, operation management departments of the Head Office and relevant departments of branches. Each of these systems performs the corresponding functions of decision making, supervision and execution according to division of responsibilities.

Objective of liquidity risk management: By establishing and improving the liquidity risk management system, the Bank aims at realizing effective identification, measurement, monitoring and control of the liquidity risk at the Group level, the Bank, the affiliates, the branches and the business lines, and ensuring the liquidity demand is satisfied at a reasonable cost in time under the normal business scenario and the stress scenario. The Bank's liquidity risk management strategy and policy are formulated in accordance with the liquidity risk appetite, and they cover all businesses on- and off-balance sheet, all domestic and overseas business departments, branches and affiliates that are likely to have a material impact on the liquidity risk, and contain the liquidity risk management under normal and stressed scenarios. The liquidity risk management strategy specifies the overall objective and mode of liquidity risk management and lists major policies and procedures. The policies for liquidity risk management are formulated in accordance with external and macro operating environments and business development of the Bank, with a view to striking an effective balance among security, liquidity and profitability. The Bank conducts stress testing quarterly or by subject by fully considering various macro and micro factors that may affect the liquidity of the Bank, changes in the external operating environment, regulatory requirements, and business characteristics and complexity of the Bank.

In 2022, the Bank adhered to a steady and prudent liquidity management strategy, and the Group's liquidity was stable. The Bank intensified the monitoring of funds and maintained a proper and sufficient liquidity reserve, with stable and orderly liquidity and customer payment. The Bank facilitated the ongoing upgrading of liquidity risk management mechanism and system, and continuously enhanced the automation and intelligence level of liquidity risk monitoring, measurement and control. The Bank strengthened on- and off-balance sheet liquidity risk management in local and foreign currencies in domestic and overseas institutions, optimized the multi-level and multi-dimensional liquidity monitoring and early warning system, and enhanced the Group's liquidity risk prevention and emergency response capabilities.

Liquidity Risk Analysis

The Bank assesses liquidity risk status by comprehensive use of a variety of methods and tools such as liquidity indicator analysis and liquidity exposure analysis.

At the end of 2022, RMB liquidity ratio and foreign currency liquidity ratio of the Bank were 42.3% and 106.1% respectively, both meeting the regulatory requirements. Loan-to-deposit ratio was 76.7%.

Net stable funding ratio aims to ensure commercial banks have sufficient stable sources of funding to meet the needs for stable funding of assets and off-balance sheet risk exposures. The net stable funding ratio is the ratio of the available stable funding to the required stable funding. As at the end of the fourth quarter of 2022, the net stable funding ratio was 128.82%, 1.02 percentage points higher than that at the end of the previous quarter, mainly due to the rapid growth of stable funds available for use.

The daily average liquidity coverage ratio for the fourth quarter of 2022 was 118.27%, 2.43 percentage points lower than the previous quarter, mainly because of the decreased cash inflows in the next 30 days. High-quality liquid assets cover cash, available central bank reserve under stress and primary and secondary bond assets that can be included in the liquidity coverage ratio under the regulatory requirements.

As at the end of 2022, the negative liquidity exposure for less than 1 month expanded, mainly due to the increase of matured due to customers within corresponding term. The negative liquidity exposure for 3 months to 1 year decreased slightly, mainly due to the increase of matured loans and advances to customers with corresponding term. The positive liquidity exposure for 1 to 5 years and over 5 years expanded, which was mainly due to the increase in matured loans and advances to customers and bond investments within corresponding term. In 2022, the Bank maintained stable and abundant funds, balanced and steady growth in assets and liabilities, reasonable and appropriate cash flows of various maturities, and safe and steady liquidity operation.

LIQUIDITY EXPOSURE ANALYSIS

In RMB millions

	Overdue/ repayable on demand	Less than 1 month	1 to 3 months	3 months to 1 year	1 to 5 years	Over 5 years	Undated	Total
At 31 December 2022	(15,631,491)	(105,382)	(415,942)	(332,120)	660,016	15,932,097	3,406,648	3,513,826
At 31 December 2021	(14,262,606)	(89,448)	(415,735)	(377,347)	538,067	14,692,050	3,190,277	3,275,258

Other Risks

Equity Risk in the Banking Book

The Bank's equity investments in the banking book mainly include long-term equity investments, the portion of equity investments measured at fair value through profit or loss and equity investments measured at fair value through other comprehensive income which belong to the banking book. The Bank strictly follows the Capital Regulation to measure significant and non-significant equity investment.

EQUITY RISK IN THE BANKING BOOK

In RMB millions

Equity type	At 31 December 2022			At 31 December 2021		
	Publicly-traded equity investment risk exposure(1)	Non-publicly-traded equity investment risk exposure(1)	Unrealised potential gains (losses)(2)	Publicly-traded equity investment risk exposure(1)	Non-publicly-traded equity investment risk exposure(1)	Unrealised potential gains (losses)(2)
Financial institution	32,286	15,898	7,509	29,513	14,205	7,207
Corporate	22,292	137,390	(5,120)	25,412	134,605	(2,667)
Total	**54,578**	**153,288**	**2,389**	**54,925**	**148,810**	**4,540**

Notes: (1) Publicly-traded equity investment refers to equity investment made in listed companies, and non-publicly-traded equity investment refers to equity investment made in non-listed companies.

(2) Unrealised potential gains (losses) refer to unrealised gains or losses recognized on the balance sheet but not recognized on the income statement.

For accounting policies regarding equity investment, please refer to the Significant Accounting Policies and Estimates in the Notes to the Financial Statements of the 2022 Annual Report.

Reputational Risk

Reputational risk is defined as the risk of negative comments on the Bank from stakeholders, the public or the media as a result of the behaviors of the Bank or practitioners or external events and so on, thereby damaging brand value, detrimental to normal operation, and even affecting market and social stability. Reputational risk may arise in any part of the Bank's operation and management, and usually co-exists and correlates with credit risk, market risk, operational risk and liquidity risk. Good reputation is central to the operation and management of a commercial bank. The Bank highly values its reputation and has incorporated reputational risk management in the corporate governance and enterprise-wide risk management system to prevent reputational risk.

The Board of Directors is responsible for reviewing and finalizing bank-wide policies concerning reputational risk management that are in line with the strategic objective of the Bank, establishing a bank-wide system of reputational risk management, monitoring the overall status and effectiveness of reputational risk management across the Bank and assuming the ultimate responsibility for reputational risk management. The Senior Management is responsible for leading reputational risk management of the Bank, implementing the strategies and policies established by the Board of Directors, reviewing and finalizing the rules, measures and operating procedures for reputational risk management, preparing plans for responding to and coping with extraordinarily major reputational risk events and ensuring the proper and effective operation of the reputational risk management system. The Bank has established a special reputational risk management team to take charge of the daily management of reputational risk.

In 2022, the Bank deepened the implementation of the Group's reputational risk management rules and requirements, continuously improved the group-wide and whole-process reputational risk management system and kept optimizing the reputational risk working mechanism, for the constant improvement of reputational risk management. It strengthened the normalization of reputational risk management, consolidated the responsibilities of management entities, and intensified the prevention and control of risk sources, to elevate the quality and efficiency of management. In addition, regarding the issues of social focusing, the Bank timely responded to social concerns, organized and promoted influential brand communication activities, to enhance the Bank's brand image. During the reporting period, the reputational risk of the Bank stood in a controllable range.

Country Risk

Country risk is the risk incurred to a bank arising from the inability or refusal by the debtor to repay bank debt, losses suffered by the Bank or its commercial presence in such country or region and other losses due to political, economic and social changes and events in a country or a region. Country risk may be triggered by deterioration of economic conditions, political and social turmoil, asset nationalization or expropriation, government's refusal to pay external debt, foreign exchange control or currency depreciation in a country or a region.

The Bank strictly observes regulatory requirements on country risk management. The Board of Directors assumes the ultimate responsibility for the effectiveness of country risk management. The Senior Management is responsible for executing the country risk management policies approved by the Board of Directors. The Risk Management Committee of the Head Office is responsible for reviewing matters regarding country risk management. The Bank manages and controls country risk with a series of tools, including country risk assessment and rating, country risk limit, country risk exposure monitoring and stress testing. The Bank reviews the country risk rating and limits at least once every year.

In 2022, the Bank strictly abode by regulatory requirements and, with consideration of its business development needs, continued to strengthen country risk management, facing the increasingly complicated and severe external environment. The Bank closely observed changes in country risk exposures, constantly tracked, monitored and reported country risk, and timely updated and adjusted the country risk rating and limits. It continued to strengthen early warning mechanism for country risk, proactively conducted stress testing on country risk and reasonably and effectively controlled country risk while steadily promoting internationalization.

Remuneration

Remuneration Governance Framework

In line with corporate governance requirements, the Bank is committed to establishing and improving remuneration governance framework, specifying the scope of roles and responsibilities of relevant entities, improving decision-making mechanism of remuneration policies and building remuneration governance system with full participation of all stakeholders.

The Board of Directors assumes the ultimate responsibility of remuneration management. The Board of Directors proactively supervises the design and operation of the remuneration system, periodically reviews its compliance, and ensures the remuneration system achieves the intended goals. The Bank set up the Compensation Committee of the Board of Directors in accordance with the Articles of Association to assist the Board of Directors in remuneration management. The Senior Management is responsible for organizing and implementing remuneration management related resolutions of the Board of Directors as well as organizing and formulating incentive assessment and remuneration distribution measures within the scope of authorization. The Human Resources Department is responsible for implementing specific remuneration management issues. Departments including the Risk Management Department, the Internal Audit Bureau, the Internal Control and Compliance Department and the Finance and Accounting Department participate in and supervise the execution of remuneration management mechanism and provide feedback for improvement.

Compensation Committee of the Board of Directors

The Compensation Committee is mainly responsible for formulating assessment measures on the performance of duties and compensation plans for Directors, organizing the assessment on the performance of duties of Directors, putting forth the proposal on remuneration distribution for Directors, formulating and reviewing the assessment measures and compensation plans for Senior Management members of the Bank and evaluating the performance and behaviors of Senior Management members. As at the disclosure date of the results, the Compensation Committee consisted of five directors, including Independent Non-executive Directors Mr. Shen Si, Mr. Anthony Francis Neoh and Mr. Fred Zuliu Hu; Non-executive Directors Mr. Lu Yongzhen and Ms. Chen Yifang. Independent Non-executive Director Mr. Shen Si was Chairman of the Committee. During the reporting period, the Compensation Committee held five meetings.

Remuneration Management Policies

The Bank adopts a remuneration policy that is in line with corporate governance requirements, in combination with high-quality development targets, in adaptation to risk management system and talent development strategy, and well-matched with employees' value contribution, so as to advance the sound operation and high-quality development of the whole bank. The Bank's remuneration management policy is formulated and adjusted in strict accordance with applicable national regulations, regulatory requirements and corporate governance procedures, and applies to all institutions and employees of the Bank.

Performance-based Remuneration Mechanism

The remuneration package of the Bank's employees consists of basic remuneration, performance-based remuneration and welfare income. In particular, the basic remuneration depended on an employee's value contribution and ability to perform duties, and the performance-based remuneration was based on the overall situation of the Bank, the employee's institution or department, and the employee's personal performance measurement results. Currently, in accordance with relevant laws and regulations promulgated by the state and regulatory authorities, the Bank has not yet implemented share options or any other form of long- or medium-term share incentives; all performance-based remuneration of the employees is paid in cash.

The Bank has established an integrated performance assessment system comprised of three categories of indicators: performance management, risk and internal control, operational transformation and business development, which guides the bank-wide attention to not only the indicators of current period, but also the indicators relating to long-term development, such as customers, markets and structural adjustments. The Bank also reasonably controls the balance of profits, risk and quality so as to improve the steadiness and scientism of business management.

Risk-aligned Remuneration Mechanism

The Bank's remuneration policy is in line with the risk management system and adapted to the institutional scale, and the nature and the sophistication of the business. The remuneration structures of each institution or position are different according to the need of risk management. The Bank adjusts the risks that have not yet been reflected in the period by taking risk mitigation measures including risk-adjusted performance and deferred remuneration payment, and implements performance assessment and incentives to promote a positive and healthy risk management culture.

According to operation and management needs, the Bank implements the deferred payment and recovery mechanism for performance-based remuneration of Senior Management members and employees in positions that have a significant influence on the risks to promote the balance between risks and incentives. For employees who violate rules and disciplines or incur significant exposure of risk losses within their responsibilities, the Bank shall deduct, stop payment and recall their performance-related remuneration for the corresponding period according to the severity.

Independence of the Remuneration for Risk and Compliance Employees

Remuneration for risk and compliance employees is based on their value contributed, capability, and job performance, not directly related to their responsible businesses. The Bank sets up a vertical internal audit system, which takes on the responsibility for the Board of Directors and reports to the Board of Directors directly. The remuneration of the internal audit employees is independent of that of other lines of business.

For basic information and annual remuneration of Senior Management members and remuneration of the Compensation Committee of the Board of Directors of the Bank, please refer to the 2022 Annual Report.

Appendixes

The following information is disclosed in accordance with the Notice on Issuing Regulatory Documents on Capital Regulation for Commercial Banks Appendix 2 Notice on Enhancing Disclosure Requirements for Composition of Capital.

CAPITAL COMPOSITION

In RMB millions, except for percentages

S/N	Item	At 31 December 2022	At 31 December 2021	Reference(1)
Common equity tier 1 capital:				
1	Paid-in capital	356,407	356,407	X18
2	Retained earnings	2,654,856	2,413,631	
2a	Surplus reserve	392,162	356,849	X21
2b	General reserve	496,406	438,640	X22
2c	Retained profits	1,766,288	1,618,142	X23
3	Accumulated other comprehensive income (and other public reserve)	127,335	129,939	
3a	Capital reserve	148,174	148,597	X19
3b	Other	(20,839)	(18,658)	X24
4	Valid portion to common equity tier 1 capital during the transition period (only applicable to non-joint stock companies. Fill in 0 for joint stock banks)	–	–	
5	Valid portion of minority interests	3,293	3,539	X25
6	**Common equity tier 1 capital before regulatory adjustments**	**3,141,891**	**2,903,516**	
Common equity tier 1 capital: Regulatory adjustments				
7	Prudential valuation adjustments	–	–	
8	Goodwill (net of deferred tax liabilities)	8,320	7,691	X16
9	Other intangible assets other than land use rights (net of deferred tax liabilities)	7,473	5,669	X14-X15
10	Deferred tax assets that rely on future profits excluding those arising from temporary differences (net of deferred tax liabilities)	–	–	
11	Cash flow hedge reserve that relates to the hedging of items that are not fair-valued on the balance sheet	(2,962)	(4,202)	X20
12	Shortfall of provision for loan impairment	–	–	
13	Gain on sales related to asset securitization	–	–	
14	Unrealised gains and losses due to changes in own credit risk on fair valued liabilities	–	–	
15	Defined-benefit pension fund net assets (net of deferred tax liabilities)	–	–	

Note: (1) For mapped components of the balance sheet under regulatory scope of consolidation to capital items, please refer to "Explanations for Detailed Items".

CAPITAL COMPOSITION (CONTINUED)

In RMB millions, except for percentages

S/N	Item	At 31 December 2022	At 31 December 2021	Reference
16	Direct or indirect investments in own ordinary shares	–	–	
17	Reciprocal cross-holdings in common equity tier 1 capital between banks, or between banks and other financial institutions	–	–	
18	Deductible amount of non-significant minority investments in common equity tier 1 capital instruments issued by financial institutions that are not subject to consolidation	–	–	
19	Deductible amount of significant minority investments in common equity tier 1 capital instruments issued by financial institutions that are not subject to consolidation	–	–	
20	Mortgage servicing rights	N/A	N/A	
21	Deferred tax assets arising from temporary differences (amount above 10% threshold, net of deferred tax liabilities)	–	–	
22	Deductible amount exceeding the 15% threshold for significant minority capital investments in common equity tier 1 capital instruments issued by financial institutions that are not subject to consolidation and undeducted portion of deferred tax assets arising from temporary differences (net of deferred tax liabilities)	–	–	
23	Including: Deductible amount of significant minority investments in common equity tier 1 capital instruments issued by financial institutions	–	–	
24	Including: Deductible amount of mortgage servicing rights	N/A	N/A	
25	Including: Deductible amount in deferred tax assets arising from temporary differences	–	–	
26a	Investments in common equity tier 1 capital instruments issued by financial institutions that are under control but not subject to consolidation	7,980	7,980	X11
26b	Shortfall in common equity tier 1 capital instruments issued by financial institutions that are under control but not subject to consolidation	–	–	
26c	Other that should be deducted from common equity tier 1 capital	–	–	

CAPITAL COMPOSITION (CONTINUED)

In RMB millions, except for percentages

S/N	Item	At 31 December 2022	At 31 December 2021	Reference
27	Undeducted shortfall that should be deducted from additional tier 1 capital and tier 2 capital	–	–	
28	**Total regulatory adjustments to common equity tier 1 capital**	**20,811**	**17,138**	
29	**Common equity tier 1 capital**	**3,121,080**	**2,886,378**	
Additional tier 1 capital:				
30	Additional tier 1 capital instruments and related premiums	354,331	354,331	
31	Including: Portion classified as equity	354,331	354,331	X28+X32
32	Including: Portion classified as liabilities	–	–	
33	Invalid instruments to additional tier 1 capital after the transition period	–	–	
34	Valid portion of minority interests	584	655	X26
35	Including: Invalid portion to additional tier 1 capital after the transition period	–	–	
36	**Additional tier 1 capital before regulatory adjustments**	**354,915**	**354,986**	
Additional tier 1 capital: Regulatory adjustments				
37	Direct or indirect investments in own additional tier 1 instruments	–	–	
38	Reciprocal cross-holdings in additional tier 1 capital between banks, or between banks and other financial institutions	–	–	
39	Deductible amount of non-significant minority investments in additional tier 1 capital instruments issued by financial institutions that are not subject to consolidation	–	–	
40	Significant minority investments in additional tier 1 capital instruments issued by financial institutions that are not subject to consolidation	–	–	
41a	Investments in additional tier 1 capital instruments issued by financial institutions that are under control but not subject to consolidation	–	–	
41b	Shortfall in additional tier 1 capital instruments issued by financial institutions that are under control but not subject to consolidation	–	–	

CAPITAL COMPOSITION (CONTINUED)

In RMB millions, except for percentages

S/N	Item	At 31 December 2022	At 31 December 2021	Reference
41c	Other that should be deducted from additional tier 1 capital	–	–	
42	Undeducted shortfall that should be deducted from tier 2 capital	–	–	
43	**Total regulatory adjustments to additional tier 1 capital**	**–**	**–**	
44	**Additional tier 1 capital**	**354,915**	**354,986**	
45	**Tier 1 capital (common equity tier 1 capital + additional tier 1 capital)**	**3,475,995**	**3,241,364**	
Tier 2 capital:				
46	Tier 2 capital instruments and related premiums	528,307	418,415	X17
47	Invalid instruments to tier 2 capital after the transition period	–	20,285	
48	Valid portion of minority interests	1,013	1,116	X27
49	Including: Invalid portion to tier 2 capital after the transition period	–	–	
50	Valid portion of surplus provision for loan impairment	275,764	248,774	X02+X04
51	**Tier 2 capital before regulatory adjustments**	**805,084**	**668,305**	
Tier 2 capital: Regulatory adjustments				
52	Direct or indirect investments in own tier 2 instruments	–	–	
53	Reciprocal cross-holdings in tier 2 capital between banks, or between banks and other financial institutions	–	–	
54	Deductible portion of non-significant minority investments in tier 2 capital instruments issued by financial institutions that are not subject to consolidation	–	–	
55	Significant minority investments in tier 2 capital instruments issued by financial institutions that are not subject to consolidation	–	–	X31
56a	Investments in tier 2 capital instruments issued by financial institutions that are under control but not subject to consolidation	–	–	
56b	Shortfall in tier 2 capital instruments issued by financial institutions that are under control but not subject to consolidation	–	–	

CAPITAL COMPOSITION (CONTINUED)

In RMB millions, except for percentages

S/N	Item	At 31 December 2022	At 31 December 2021	Reference
56c	Other that should be deducted from tier 2 capital	–	–	
57	**Total regulatory adjustments to tier 2 capital**	**–**	**–**	
58	**Tier 2 capital**	**805,084**	**668,305**	
59	**Total capital (tier 1 capital + tier 2 capital)**	**4,281,079**	**3,909,669**	
60	**Total risk-weighted assets**	**22,225,272**	**21,690,349**	
Requirements for capital adequacy ratio and reserve capital				
61	Common equity tier 1 capital adequacy ratio	14.04%	13.31%	
62	Tier 1 capital adequacy ratio	15.64%	14.94%	
63	Capital adequacy ratio	19.26%	18.02%	
64	Institution specific buffer requirements	4.0%	4.0%	
65	Including: Capital conservation buffer requirements	2.5%	2.5%	
66	Including: Countercyclical buffer requirements	–	–	
67	Including: G-SIB buffer requirements	1.5%	1.5%	
68	Percentage of common equity tier 1 capital meeting buffers to risk-weighted assets	9.04%	8.31%	
Domestic minima for regulatory capital				
69	Common equity tier 1 capital adequacy ratio	5%	5%	
70	Tier 1 capital adequacy ratio	6%	6%	
71	Capital adequacy ratio	8%	8%	
Amounts below the thresholds for deduction				
72	Undeducted portion of non-significant minority investments in capital instruments issued by financial institutions that are not subject to consolidation	176,987	155,815	X05+X07+X08+X09+X12+X29+X30
73	Undeducted portion of significant minority investments in capital instruments issued by financial institutions that are not subject to consolidation	30,838	28,773	X06+X10+X13
74	Mortgage servicing rights (net of deferred tax liabilities)	N/A	N/A	
75	Deferred tax assets arising from temporary differences (net of deferred tax liabilities)	101,072	74,611	
Valid caps of surplus provision for loan impairment in tier 2 capital				
76	Provision for loan impairment under the weighted approach	31,195	24,545	X01

CAPITAL COMPOSITION (CONTINUED)

In RMB millions, except for percentages

S/N	Item	At 31 December 2022	At 31 December 2021	Reference
77	Valid cap of surplus provision for loan impairment in tier 2 capital under the weighted approach	19,820	15,909	X02
78	Surplus provision for loan impairment under the internal ratings-based approach	641,029	579,219	X03
79	Valid cap of surplus provision for loan impairment in tier 2 capital under the internal ratings-based approach	255,944	232,865	X04
Capital instruments subject to phase-out arrangements				
80	Valid cap to common equity tier 1 capital instruments for the current period due to phase-out arrangements	–	–	
81	Excluded from common equity tier 1 capital due to cap	–	–	
82	Valid cap to additional tier 1 capital instruments for the current period due to phase-out arrangements	–	–	
83	Excluded from additional tier 1 capital due to cap	–	–	
84	Valid cap to tier 2 capital instruments for the current period due to phase-out arrangements	–	20,285	
85	Excluded from tier 2 capital for the current period due to cap	38,000	37,740	

BALANCE SHEET AT THE GROUP'S LEVEL

In RMB millions

Item	At 31 December 2022 Consolidated balance sheet as in published financial statements	At 31 December 2022 Balance sheet under regulatory scope of consolidation	At 31 December 2021 Consolidated balance sheet as in published financial statements	At 31 December 2021 Balance sheet under regulatory scope of consolidation
Assets				
Cash and balances with central banks	3,427,892	3,427,892	3,098,438	3,098,438
Due from banks and other financial institutions	365,625	323,131	346,457	301,191
Precious metals	273,289	273,289	265,962	265,962
Placements with banks and other financial institutions	676,879	676,879	480,693	480,693
Derivative financial assets	87,205	87,205	76,140	76,140
Reverse repurchase agreements	864,067	858,304	663,496	662,544
Loans and advances to customers	22,593,648	22,591,551	20,109,200	20,107,266
Financial investments:	10,527,292	10,302,218	9,257,760	9,060,427
— Financial investments measured at fair value through profit or loss	714,879	637,851	623,223	560,683
— Financial investments measured at fair value through other comprehensive income	2,178,018	2,115,023	1,803,604	1,743,097
— Financial investments measured at amortised cost	7,634,395	7,549,344	6,830,933	6,756,647
Long-term equity investments	65,878	73,858	61,782	69,762
Fixed assets	274,839	274,771	270,017	269,952
Construction in progress	17,072	17,002	18,182	18,172
Deferred income tax assets	101,600	101,072	79,259	79,259
Other assets	334,371	328,887	443,997	430,485
Total assets	**39,609,657**	**39,336,059**	**35,171,383**	**34,920,291**

BALANCE SHEET AT THE GROUP'S LEVEL (CONTINUED)

In RMB millions

Item	At 31 December 2022		At 31 December 2021	
	Consolidated balance sheet as in published financial statements	Balance sheet under regulatory scope of consolidation	Consolidated balance sheet as in published financial statements	Balance sheet under regulatory scope of consolidation
Liabilities				
Due to central banks	145,781	145,781	39,723	39,723
Due to banks and other financial institutions	2,664,901	2,664,901	2,431,689	2,431,689
Placements from banks and other financial institutions	520,663	520,663	489,340	489,340
Financial liabilities measured at fair value through profit or loss	64,126	64,126	87,180	87,180
Derivative financial liabilities	96,350	96,350	71,337	71,337
Repurchase agreements	574,778	573,279	365,943	351,049
Certificates of deposit	375,452	375,452	290,342	290,342
Due to customers	29,870,491	29,870,491	26,441,774	26,441,774
Employee benefits payable	49,413	49,034	41,083	40,659
Taxes payable	102,074	102,031	108,897	108,871
Debt securities issued	905,953	900,807	791,375	791,375
Deferred income tax liabilities	3,800	3,706	5,624	4,648
Other liabilities	722,049	464,748	731,818	508,191
Total liabilities	**36,095,831**	**35,831,369**	**31,896,125**	**31,656,178**
Equity				
Share capital	356,407	356,407	356,407	356,407
Other equity instruments	354,331	354,331	354,331	354,331
Capital reserve	148,174	148,174	148,597	148,597
Other comprehensive income	(20,484)	(20,839)	(18,343)	(18,658)
Surplus reserve	392,487	392,162	357,169	356,849
General reserve	496,719	496,406	438,952	438,640
Retained profits	1,767,537	1,766,288	1,620,642	1,618,142
Equity attributable to equity holders of the parent company	**3,495,171**	**3,492,929**	**3,257,755**	**3,254,308**
Minority interests	18,655	11,761	17,503	9,805
Total equity	**3,513,826**	**3,504,690**	**3,275,258**	**3,264,113**

Note: Prepared in accordance with PRC GAAP.

EXPLANATIONS FOR DETAILED ITEMS

In RMB millions

Item	At 31 December 2022 Balance sheet under regulatory scope of consolidation	Reference
Loans and advances to customers	**22,591,551**	
Total loans and advances to customers	23,263,775	
Less: Provision for loan impairment under the weighted approach	31,195	X01
Including: Valid cap of surplus provision for loan impairment in tier 2 capital under the weighted approach	19,820	X02
Less: Provision for loan impairment under the internal ratings-based approach	641,029	X03
Including: Valid cap of surplus provision for loan impairment in tier 2 capital under the internal ratings-based approach	255,944	X04
Financial investments:		
Financial investments measured at fair value through profit or loss	**637,851**	
Including: Non-significant minority investments in common equity tier 1 capital instruments issued by financial institutions that are not subject to consolidation	57	X05
Including: Significant minority investments in common equity tier 1 capital instruments issued by financial institutions that are not subject to consolidation	130	X06
Including: Non-significant minority investments in additional tier 1 capital instruments issued by financial institutions that are not subject to consolidation	63	X07
Including: Non-significant minority investments in tier 2 capital instruments issued by financial institutions that are not subject to consolidation	159,641	X08
Financial investments measured at fair value through other comprehensive income	**2,115,023**	
Including: Non-significant minority investments in common equity tier 1 capital instruments issued by financial institutions that are not subject to consolidation	14,516	X09
Including: Significant minority investments in common equity tier 1 capital instruments issued by financial institutions that are not subject to consolidation	2,625	X10
Including: Non-significant minority investments in tier 2 capital instruments issued by financial institutions that are not subject to consolidation	–	X29
Financial investments measured at amortised cost	**7,549,344**	
Including: Non-significant minority investments in tier 2 capital instruments issued by financial institutions that are not subject to consolidation	–	X30
Including: Significant minority investments in tier 2 capital instruments issued by financial institutions that are not subject to consolidation	–	X31

EXPLANATIONS FOR DETAILED ITEMS (CONTINUED)

In RMB millions

Item	At 31 December 2022 Balance sheet under regulatory scope of consolidation	Reference
Long-term equity investments	**73,858**	
Including: Investments in common equity tier 1 capital instruments issued by financial institutions that are under control but not subject to consolidation	7,980	X11
Including: Undeducted portion of non-significant minority investments in capital instruments issued by financial institutions that are not subject to consolidation	2,710	X12
Including: Undeducted portion of significant minority investments in capital instruments issued by financial institutions that are not subject to consolidation	28,083	X13
Other assets	**328,887**	
Interest receivable	2,941	
Intangible assets	22,320	X14
Including: Land use rights	14,847	X15
Other receivables	154,823	
Goodwill	8,320	X16
Long-term deferred expenses	6,604	
Repossessed assets	3,405	
Other	130,474	
Debt securities issued	**900,807**	
Including: Valid portion of tier 2 capital instruments and their premiums	528,307	X17
Share capital	**356,407**	X18
Other equity instruments	**354,331**	
Including: Preference shares	134,614	X28
Including: Perpetual bonds	219,717	X32
Capital reserve	**148,174**	X19
Other comprehensive income	**(20,839)**	X24
Reserve for changes in fair value of financial assets	533	
Reserve for cash flow hedging	(2,987)	
Including: Cash flow hedge reserve that relates to the hedging of items that are not fair-valued on the balance sheet	(2,962)	X20
Changes in share of other owners' equity of associates and joint ventures	(582)	
Foreign currency translation reserve	(17,457)	
Other	(346)	
Surplus reserve	**392,162**	X21
General reserve	**496,406**	X22
Retained profits	**1,766,288**	X23
Minority interests	**11,761**	
Including: Valid portion to common equity tier 1 capital	3,293	X25
Including: Valid portion to additional tier 1 capital	584	X26
Including: Valid portion to tier 2 capital	1,013	X27

MAIN FEATURES OF ELIGIBLE CAPITAL INSTRUMENTS AT THE END OF 2022

S/N	Main features of regulatory capital instrument	Ordinary Shares (A share)	Ordinary Shares (H share)	Preference Shares (Domestic)	Preference Shares (Domestic)	Preference Shares (Offshore)	Undated additional tier 1 capital bonds (Domestic)	Undated additional tier 1 capital bonds (Domestic)
1	Issuer	The Bank	The Bank	The Bank	The Bank	The Bank	The Bank	The Bank
2	Unique identifier	601398	1398	360011	360036	4620	1928018	2128021
3	Governing law(s) of the instrument	Securities Law of the People's Republic of China/China	Securities and Futures Ordinance of Hong Kong/ Hong Kong SAR, China	Company Law of the People's Republic of China, Securities Law of the People's Republic of China, Guidance of the State Council on Launch of Preference Shares Pilot, Trial Administrative Measures on Preference Shares, Guidance on the Issuance of Preference Shares of Commercial Banks to Replenish Tier 1 Capital/China	Company Law of the People's Republic of China, Securities Law of the People's Republic of China, Guidance of the State Council on Launch of Preference Shares Pilot, Trial Administrative Measures on Preference Shares, Guidance on the Issuance of Preference Shares of Commercial Banks to Replenish Tier 1 Capital/China	The creation and issue of the Offshore Preference Shares and the rights and obligations (including non-contractual rights and obligations) attached to them are governed by, and shall be construed in accordance with, PRC law	Governed by the Commercial Banking Law of the People's Republic of China, the Regulation Governing Capital of Commercial Banks (Provisional) and the Measures for Administration of Financial Bond Issuance in China's Inter-bank Bond Market, as well as other applicable laws, regulations and normative documents/China	Governed by the Commercial Banking Law of the People's Republic of China, the Regulation Governing Capital of Commercial Banks (Provisional) and the Measures for Administration of Financial Bond Issuance in China's Inter-bank Bond Market, as well as other applicable laws, regulations and normative documents/China
	Regulatory treatment							
4	Including: Transition arrangement of Regulation Governing Capital of Commercial Banks (Provisional)	Common equity tier 1 capital	Common equity tier 1 capital	Additional tier 1 capital	Additional tier 1 capital	Additional tier 1 capital	Additional tier 1 capital	Additional tier 1 capital
5	Including: Post-transition arrangement of Regulation Governing Capital of Commercial Banks (Provisional)	Common equity tier 1 capital	Common equity tier 1 capital	Additional tier 1 capital	Additional tier 1 capital	Additional tier 1 capital	Additional tier 1 capital	Additional tier 1 capital
6	Including: Eligible to the parent company/group level	Parent company/Group	Parent company/Group	Parent company/Group	Parent company/Group	Parent company/Group	Parent company/Group	Parent company/Group
7	Instrument type	Common equity tier 1 capital instrument	Common equity tier 1 capital instrument	Additional tier 1 capital instrument	Additional tier 1 capital instrument	Additional tier 1 capital instrument	Additional tier 1 capital instrument	Additional tier 1 capital instrument

MAIN FEATURES OF ELIGIBLE CAPITAL INSTRUMENTS AT THE END OF 2022 (CONTINUED)

S/N	Main features of regulatory capital instrument	Ordinary Shares (A share)	Ordinary Shares (H share)	Preference Shares (Domestic)	Preference Shares (Domestic)	Preference Shares (Offshore)	Undated additional tier 1 capital bonds (Domestic)	Undated additional tier 1 capital bonds (Domestic)
8	Amount recognised in regulatory capital (in millions, as at the latest reporting date)	RMB336,554	RMB168,374	RMB44,947	RMB69,981	RMB equivalent 19,687	RMB79,987	RMB69,992
9	Par value of instrument (in millions)	RMB269,612	RMB86,795	RMB45,000	RMB70,000	USD2,900	RMB80,000	RMB70,000
10	Accounting treatment	Share capital, capital reserve	Share capital, capital reserve	Other equity	Other equity	Other equity	Other equity	Other equity
11	Original date of issuance	19 October 2006	19 October 2006	18 November 2015	19 September 2019	23 September 2020	26 July 2019	4 June 2021
12	Perpetual or dated	Perpetual	Perpetual	Perpetual	Perpetual	Perpetual	Perpetual	Perpetual
13	Including: Original maturity date	No maturity date	No maturity date	No maturity date	No maturity date	No maturity date	No maturity date	No maturity date
14	Issuer call (subject to prior supervisory approval)	No	No	Yes	Yes	Yes	Yes	Yes
15	Including: Optional call date, contingent call dates and redemption amount	N/A	N/A	The First Redemption Date is 18 November 2020, in full or partial amount	The First Redemption Date is 24 September 2024, in full or partial amount	The First Redemption Date is 23 September 2025, in full or partial amount	The First Redemption Date is 30 July 2024, in full or partial amount	The First Redemption Date is 8 June 2026, in full or partial amount
16	Including: Subsequent call dates, if applicable	N/A	N/A	Commences on the First Redemption Date (18 November 2020) and ends on the completion date of redemption or conversion of all the Domestic Preference Shares	Commences on the First Redemption Date (24 September 2024) and ends on the completion date of redemption or conversion of all the Domestic Preference Shares	23 September in each year after the First Redemption Date	Redemption of present bonds in full or in part on each Distribution Payment Date since the First Redemption Date (30 July 2024). The Issuer has the right to redeem the present bonds in full rather than in part if the present bonds are no longer qualified as additional tier 1 capital after they are issued due to unpredictable changes in regulatory rules	Redemption of present bonds in full or in part on each Distribution Payment Date since the First Redemption Date (8 June 2026). The Issuer has the right to redeem the present bonds in full rather than in part if the present bonds are no longer qualified as additional tier 1 capital after they are issued due to unpredictable changes in regulatory rules

MAIN FEATURES OF ELIGIBLE CAPITAL INSTRUMENTS AT THE END OF 2022 (CONTINUED)

S/N	Main features of regulatory capital instrument	Ordinary Shares (A share)	Ordinary Shares (H share)	Preference Shares (Domestic)	Preference Shares (Domestic)	Preference Shares (Offshore)	Undated additional tier 1 capital bonds (Domestic)	Undated additional tier 1 capital bonds (Domestic)
	Coupons/dividends							
17	Including: Fixed or floating dividend/coupon	Floating	Floating	Fixed to floating	Fixed to floating	Fixed to floating	Fixed to floating	Fixed to floating
18	Including: Coupon rate and any related index	N/A	N/A	4.5% (dividend rate) before 23 November 2020, and 4.58% (dividend rate) between 23 November 2020 and 22 November 2025	4.2% (dividend rate) before 24 September 2024	3.58% (dividend rate) before 23 September 2025	4.45% (interest rate) before 30 July 2024	4.04% (interest rate) before 8 June 2026
19	Including: Existence of a dividend stopper	N/A	N/A	Yes	Yes	Yes	Yes	Yes
20	Including: Fully discretionary, partially discretionary or mandatory cancellation of coupons/dividends	Fully discretionary	Fully discretionary	Fully discretionary	Fully discretionary	Fully discretionary	Fully discretionary	Fully discretionary
21	Including: Redemption incentive mechanism	No	No	No	No	No	No	No
22	Including: Non-cumulative or cumulative	Non-cumulative	Non-cumulative	Non-cumulative	Non-cumulative	Non-cumulative	Non-cumulative	Non-cumulative
23	Convertible or non-convertible	No	No	Yes	Yes	Yes	No	No
24	Including: If convertible, conversion trigger(s)	N/A	N/A	Additional Tier 1 Capital Trigger Event or Tier 2 Capital Trigger Event	Additional Tier 1 Capital Trigger Event or Tier 2 Capital Trigger Event	Non-viability Trigger Event	N/A	N/A
25	Including: If convertible, fully or partially	N/A	N/A	Fully or partially convertible when an Additional Tier 1 Capital Trigger Event occurs; fully convertible when a Tier 2 Capital Trigger Event occurs	Fully or partially convertible when an Additional Tier 1 Capital Trigger Event occurs; fully convertible when a Tier 2 Capital Trigger Event occurs	Fully or partially convertible when a Non-viability Trigger Event occurs	N/A	N/A

MAIN FEATURES OF ELIGIBLE CAPITAL INSTRUMENTS AT THE END OF 2022 (CONTINUED)

S/N	Main features of regulatory capital instrument	Ordinary Shares (A share)	Ordinary Shares (H share)	Preference Shares (Domestic)	Preference Shares (Domestic)	Preference Shares (Offshore)	Undated additional tier 1 capital bonds (Domestic)	Undated additional tier 1 capital bonds (Domestic)
26	Including: If convertible, conversion rate	N/A	N/A	The initial conversion price is equal to the average trading price of the A shares of the Bank for the 20 trading days preceding 25 July 2014, the date of publication of the Board resolution in respect of the issuance plan	The initial conversion price is equal to the average trading price of the A shares of the Bank for the 20 trading days preceding 30 August 2018, the date of publication of the Board resolution in respect of the issuance plan	The initial conversion price is equal to the average trading price of the H shares of the Bank for the 20 trading days preceding 30 August 2018, the date of publication of the Board resolution in respect of the issuance plan	N/A	N/A
27	Including: If convertible, mandatory or optional conversion	N/A	N/A	Mandatory	Mandatory	Mandatory	N/A	N/A
28	Including: If convertible, specify instrument type convertible into	N/A	N/A	Common equity tier 1 capital	Common equity tier 1 capital	Common equity tier 1 capital	N/A	N/A
29	Including: If convertible, specify issuer of instrument it converts into	N/A	N/A	The Bank	The Bank	The Bank	N/A	N/A
30	Write-down feature	No	No	No	No	No	Yes	Yes
31	Including: If write-down, write-down trigger(s)	N/A	N/A	N/A	N/A	N/A	Additional Tier 1 Capital Trigger Event or Tier 2 Capital Trigger Event	Non-viability Trigger Event
32	Including: If write-down, full or partial	N/A	N/A	N/A	N/A	N/A	Full or partial write-down when an Additional Tier 1 Capital Trigger Event occurs; full write-down when a Tier 2 Capital Trigger Event occurs	Full or partial write-down when a Non-viability Trigger Event occurs
33	Including: If write-down, permanent or temporary	N/A	N/A	N/A	N/A	N/A	Permanent write-down	Permanent write-down

MAIN FEATURES OF ELIGIBLE CAPITAL INSTRUMENTS AT THE END OF 2022 (CONTINUED)

S/N	Main features of regulatory capital instrument	Ordinary Shares (A share)	Ordinary Shares (H share)	Preference Shares (Domestic)	Preference Shares (Domestic)	Preference Shares (Offshore)	Undated additional tier 1 capital bonds (Domestic)	Undated additional tier 1 capital bonds (Domestic)
34	Including: If temporary write-down, description of write-up mechanism	N/A	N/A	N/A	N/A	N/A	N/A	N/A
35	Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Subordinated to depositor, general creditor, creditor of the subordinated debts and preference shareholders	Subordinated to depositor, general creditor, creditor of the subordinated debts and preference shareholders	Subordinated to deposits, general debts, subordinated debts, tier 2 capital bonds and undated additional tier 1 capital bonds	Subordinated to deposits, general debts, subordinated debts, tier 2 capital bonds and undated additional tier 1 capital bonds	Subordinated to deposits, general debts, subordinated debts, tier 2 capital bonds and undated additional tier 1 capital bonds	Subordinated to deposits, general debts, subordinated debts and tier 2 capital bonds	Subordinated to deposits, general debts, subordinated debts and tier 2 capital bonds
36	Non-compliant transitioned features	No	No	No	No	No	No	No
	Including: If yes, specify non-compliant features	N/A	N/A	N/A	N/A	N/A	N/A	N/A

MAIN FEATURES OF ELIGIBLE CAPITAL INSTRUMENTS AT THE END OF 2022 (CONTINUED)

S/N	Main features of regulatory capital instrument	Undated additional tier 1 capital bonds (Offshore)	Undated additional tier 1 capital bonds (Domestic)	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds
1	Issuer	The Bank	The Bank	The Bank	The Bank	The Bank	The Bank	The Bank
2	Unique identifier	Regulation S ISIN: XS2383421711	2128044	Rule 144A ISIN: US455881AD47 Regulation S ISIN: USY39656AC06	1928006	1928007	1928011	1928012
3	Governing law(s) of the instrument	The Notes and any other non-contractual obligations arising out of or in connection with them shall be governed by and construed in accordance with English law. However, the provisions in the terms and conditions of the Notes relating to subordination of the Notes shall be governed by and construed in accordance with PRC law and regulations	Governed by the Commercial Banking Law of the People's Republic of China, the Regulation Governing Capital of Commercial Banks (Provisional) and the Measures for Administration of Financial Bond Issuance in China's Inter-bank Bond Market, as well as other applicable laws, regulations and normative documents/ China	The Notes and the Fiscal Agency Agreement shall be governed by, and shall be construed in accordance with New York law, except that the provisions of the Notes relating to subordination shall be governed by, and construed in accordance with, PRC law	Governed by the Commercial Banking Law of the People's Republic of China, the Regulation Governing Capital of Commercial Banks (Provisional) and the Measures for Administration of Financial Bond Issuance in China's Inter-bank Bond Market, as well as other applicable laws, regulations and normative documents	Governed by the Commercial Banking Law of the People's Republic of China, the Regulation Governing Capital of Commercial Banks (Provisional) and the Measures for Administration of Financial Bond Issuance in China's Inter-bank Bond Market, as well as other applicable laws, regulations and normative documents	Governed by the Commercial Banking Law of the People's Republic of China, the Regulation Governing Capital of Commercial Banks (Provisional) and the Measures for Administration of Financial Bond Issuance in China's Inter-bank Bond Market, as well as other applicable laws, regulations and normative documents	Governed by the Commercial Banking Law of the People's Republic of China, the Regulation Governing Capital of Commercial Banks (Provisional) and the Measures for Administration of Financial Bond Issuance in China's Inter-bank Bond Market, as well as other applicable laws, regulations and normative documents
	Regulatory treatment							
4	Including: Transition arrangement of Regulation Governing Capital of Commercial Banks (Provisional)	Additional tier 1 capital	Additional tier 1 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital
5	Including: Post-transition arrangement of Regulation Governing Capital of Commercial Banks (Provisional)	Additional tier 1 capital	Additional tier 1 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital
6	Including: Eligible to the parent company/ group level	Parent company/Group	Parent company/Group	Parent company/Group	Parent company/Group	Parent company/Group	Parent company/Group	Parent company/Group

MAIN FEATURES OF ELIGIBLE CAPITAL INSTRUMENTS AT THE END OF 2022 (CONTINUED)

S/N	Main features of regulatory capital instrument	Undated additional tier 1 capital bonds (Offshore)	Undated additional tier 1 capital bonds (Domestic)	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds
7	Instrument type	Additional tier 1 capital instrument	Additional tier 1 capital instrument	Tier 2 capital instrument	Tier 2 capital instrument	Tier 2 capital instrument	Tier 2 capital instrument	Tier 2 capital instrument
8	Amount recognised in regulatory capital (in millions, as at the latest reporting date)	RMB equivalent 39,742	RMB 29,997	RMB equivalent 8,307	RMB45,000	RMB10,000	RMB45,000	RMB10,000
9	Par value of instrument (in millions)	USD6,160	RMB30,000	USD2,000	RMB45,000	RMB10,000	RMB45,000	RMB10,000
10	Accounting treatment	Other equity	Other equity	Debt securities issued	Debt securities issued	Debt securities issued	Debt securities issued	Debt securities issued
11	Original date of issuance	24 September 2021	24 November 2021	21 September 2015	21 March 2019	21 March 2019	24 April 2019	24 April 2019
12	Perpetual or dated	Perpetual	Perpetual	Dated	Dated	Dated	Dated	Dated
13	Including: Original maturity date	No maturity date	No maturity date	21 September 2025	25 March 2029	25 March 2034	26 April 2029	26 April 2034
14	Issuer call (subject to prior supervisory approval)	Yes	Yes	No	Yes	Yes	Yes	Yes
15	Including: Optional call date, contingent call dates and redemption amount	The First Redemption Date is 24 September 2026, in full or partial amount	The First Redemption Date is 26 November 2026, in full or partial amount	N/A	25 March 2024, in full amount	25 March 2029, in full amount	26 April 2024, in full amount	26 April 2029, in full amount
16	Including: Subsequent call dates, if applicable	Redemption of present bonds in full or in part on each Distribution Payment Date since the First Redemption Date (24 September 2026). The Issuer has the right to redeem the present bonds in full rather than in part if the present bonds are no longer qualified as additional tier 1 capital after they are issued due to unpredictable changes in regulatory rules	Redemption of present bonds in full or in part on each Distribution Payment Date since the First Redemption Date (26 November 2026). The Issuer has the right to redeem the present bonds in full rather than in part if the present bonds are no longer qualified as additional tier 1 capital after they are issued due to unpredictable changes in regulatory rules	N/A	N/A	N/A	N/A	N/A

MAIN FEATURES OF ELIGIBLE CAPITAL INSTRUMENTS AT THE END OF 2022 (CONTINUED)

S/N	Main features of regulatory capital instrument	Undated additional tier 1 capital bonds (Offshore)	Undated additional tier 1 capital bonds (Domestic)	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds
	Coupons/dividends							
17	Including: Fixed or floating dividend/ coupon	Fixed to floating	Fixed to floating	Fixed	Fixed	Fixed	Fixed	Fixed
18	Including: Coupon rate and any related index	3.20% (interest rate) before 24 September 2026	3.65% (interest rate) before 26 November 2026	4.875%	4.26%	4.51%	4.40%	4.69%
19	Including: Existence of a dividend stopper	Yes	Yes	No	No	No	No	No
20	Including: Fully discretionary, partially discretionary or mandatory cancellation of coupons/dividends	Fully discretionary	Fully discretionary	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
21	Including: Redemption incentive mechanism	No	No	No	No	No	No	No
22	Including: Non-cumulative or cumulative	Non-cumulative	Non-cumulative	Non-cumulative	Non-cumulative	Non-cumulative	Non-cumulative	Non-cumulative
23	Convertible or non-convertible	No	No	No	No	No	No	No
24	Including: If convertible, conversion trigger(s)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
25	Including: If convertible, fully or partially	N/A	N/A	N/A	N/A	N/A	N/A	N/A
26	Including: If convertible, conversion rate	N/A	N/A	N/A	N/A	N/A	N/A	N/A

MAIN FEATURES OF ELIGIBLE CAPITAL INSTRUMENTS AT THE END OF 2022 (CONTINUED)

S/N	Main features of regulatory capital instrument	Undated additional tier 1 capital bonds (Offshore)	Undated additional tier 1 capital bonds (Domestic)	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds
27	Including: If convertible, mandatory or optional conversion	N/A	N/A	N/A	N/A	N/A	N/A	N/A
28	Including: If convertible, specify instrument type convertible into	N/A	N/A	N/A	N/A	N/A	N/A	N/A
29	Including: If convertible, specify issuer of instrument it converts into	N/A	N/A	N/A	N/A	N/A	N/A	N/A
30	Write-down feature	Yes	Yes	Yes	Yes	Yes	Yes	Yes
31	Including: If write-down, write-down trigger(s)	Non-viability Trigger Event	Non-viability Trigger Event	Whichever occurs earlier: (i) CBIRC having decided that a write-down is necessary, without which the Issuer would become non-viable; or (ii) any relevant authority having decided that a public sector injection of capital or equivalent support is necessary, without which the Issuer would become non-viable	Whichever occurs earlier: (i) CBIRC having decided that a write-down is necessary, without which the Issuer would become non-viable; or (ii) any relevant authority having decided that a public sector injection of capital or equivalent support is necessary, without which the Issuer would become non-viable	Whichever occurs earlier: (i) CBIRC having decided that a write-down is necessary, without which the Issuer would become non-viable; or (ii) any relevant authority having decided that a public sector injection of capital or equivalent support is necessary, without which the Issuer would become non-viable	Whichever occurs earlier: (i) CBIRC having decided that a write-down is necessary, without which the Issuer would become non-viable; or (ii) any relevant authority having decided that a public sector injection of capital or equivalent support is necessary, without which the Issuer would become non-viable	Whichever occurs earlier: (i) CBIRC having decided that a write-down is necessary, without which the Issuer would become non-viable; or (ii) any relevant authority having decided that a public sector injection of capital or equivalent support is necessary, without which the Issuer would become non-viable
32	Including: If write-down, full or partial	Full or partial write-down when a Non-viability Trigger Event occurs	Full or partial write-down when a Non-viability Trigger Event occurs	Partial or full write-down	Partial or full write-down	Partial or full write-down	Partial or full write-down	Partial or full write-down

MAIN FEATURES OF ELIGIBLE CAPITAL INSTRUMENTS AT THE END OF 2022 (CONTINUED)

S/N	Main features of regulatory capital instrument	Undated additional tier 1 capital bonds (Offshore)	Undated additional tier 1 capital bonds (Domestic)	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds
33	Including: If write-down, permanent or temporary	Permanent write-down	Permanent write-down	Permanent write-down	Permanent write-down	Permanent write-down	Permanent write-down	Permanent write-down
34	Including: If temporary write-down, description of write-up mechanism	N/A	N/A	N/A	N/A	N/A	N/A	N/A
35	Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Subordinated to deposits, general debts, subordinated debts and tier 2 capital bonds	Subordinated to deposits, general debts, subordinated debts and tier 2 capital bonds	Subordinated to depositor and general creditor, pari passu with other subordinated debts	Subordinated to depositor and general creditor, but senior to equity capital, additional tier 1 capital instruments and hybrid capital bonds; pari passu with other subordinated debts that have been issued by the Issuer and are pari passu with the present bonds; and pari passu with other tier 2 capital instruments that will possibly be issued in the future and are pari passu with the present bonds	Subordinated to depositor and general creditor, but senior to equity capital, additional tier 1 capital instruments and hybrid capital bonds; pari passu with other subordinated debts that have been issued by the Issuer and are pari passu with the present bonds; and pari passu with other tier 2 capital instruments that will possibly be issued in the future and are pari passu with the present bonds	Subordinated to depositor and general creditor, but senior to equity capital, additional tier 1 capital instruments and hybrid capital bonds; pari passu with other subordinated debts that have been issued by the Issuer and are pari passu with the present bonds; and pari passu with other tier 2 capital instruments that will possibly be issued in the future and are pari passu with the present bonds	Subordinated to depositor and general creditor, but senior to equity capital, additional tier 1 capital instruments and hybrid capital bonds; pari passu with other subordinated debts that have been issued by the Issuer and are pari passu with the present bonds; and pari passu with other tier 2 capital instruments that will possibly be issued in the future and are pari passu with the present bonds
36	Non-compliant transitioned features	No	No	No	No	No	No	No
	Including: If yes, specify non-compliant features	N/A	N/A	N/A	N/A	N/A	N/A	N/A

MAIN FEATURES OF ELIGIBLE CAPITAL INSTRUMENTS AT THE END OF 2022 (CONTINUED)

S/N	Main features of regulatory capital instrument	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds
1	Issuer	The Bank	The Bank	The Bank	The Bank	The Bank	The Bank	The Bank	The Bank
2	Unique identifier	2028041	2028049	2028050	2128002	2128051	2128052	2228004	2228005
3	Governing law(s) of the instrument	Governed by the Commercial Banking Law of the People's Republic of China, the Regulation Governing Capital of Commercial Banks (Provisional) and the Measures for Administration of Financial Bond Issuance in China's Inter-bank Bond Market, as well as other applicable laws, regulations and normative documents	Governed by the Commercial Banking Law of the People's Republic of China, the Regulation Governing Capital of Commercial Banks (Provisional) and the Measures for Administration of Financial Bond Issuance in China's Inter-bank Bond Market, as well as other applicable laws, regulations and normative documents	Governed by the Commercial Banking Law of the People's Republic of China, the Regulation Governing Capital of Commercial Banks (Provisional) and the Measures for Administration of Financial Bond Issuance in China's Inter-bank Bond Market, as well as other applicable laws, regulations and normative documents	Governed by the Commercial Banking Law of the People's Republic of China, the Regulation Governing Capital of Commercial Banks (Provisional) and the Measures for Administration of Financial Bond Issuance in China's Inter-bank Bond Market, as well as other applicable laws, regulations and normative documents	Governed by the Commercial Banking Law of the People's Republic of China, the Regulation Governing Capital of Commercial Banks (Provisional) and the Measures for Administration of Financial Bond Issuance in China's Inter-bank Bond Market, as well as other applicable laws, regulations and normative documents	Governed by the Commercial Banking Law of the People's Republic of China, the Regulation Governing Capital of Commercial Banks (Provisional) and the Measures for Administration of Financial Bond Issuance in China's Inter-bank Bond Market, as well as other applicable laws, regulations and normative documents	Governed by the Commercial Banking Law of the People's Republic of China, the Regulation Governing Capital of Commercial Banks (Provisional) and the Measures for Administration of Financial Bond Issuance in China's Inter-bank Bond Market, as well as other applicable laws, regulations and normative documents	Governed by the Commercial Banking Law of the People's Republic of China, the Regulation Governing Capital of Commercial Banks (Provisional) and the Measures for Administration of Financial Bond Issuance in China's Inter-bank Bond Market, as well as other applicable laws, regulations and normative documents
	Regulatory treatment								
4	Including: Transition arrangement of Regulation Governing Capital of Commercial Banks (Provisional)	Tier 2 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital
5	Including: Post-transition arrangement of Regulation Governing Capital of Commercial Banks (Provisional)	Tier 2 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital
6	Including: Eligible to the parent company/group level	Parent company/ Group	Parent company/ Group	Parent company/ Group	Parent company/ Group	Parent company/ Group	Parent company/ Group	Parent company/ Group	Parent company/ Group
7	Instrument type	Tier 2 capital instrument	Tier 2 capital instrument	Tier 2 capital instrument	Tier 2 capital instrument	Tier 2 capital instrument	Tier 2 capital instrument	Tier 2 capital instrument	Tier 2 capital instrument
8	Amount recognised in regulatory capital (in millions, as at the latest reporting date)	RMB60,000	RMB30,000	RMB10,000	RMB30,000	RMB50,000	RMB10,000	RMB35,000	RMB5,000

MAIN FEATURES OF ELIGIBLE CAPITAL INSTRUMENTS AT THE END OF 2022 (CONTINUED)

S/N	Main features of regulatory capital instrument	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds
9	Par value of instrument (in millions)	RMB60,000	RMB30,000	RMB10,000	RMB30,000	RMB50,000	RMB10,000	RMB35,000	RMB5,000
10	Accounting treatment	Debt securities issued	Debt securities issued	Debt securities issued	Debt securities issued	Debt securities issued	Debt securities issued	Debt securities issued	Debt securities issued
11	Original date of issuance	22 September 2020	12 November 2020	12 November 2020	19 January 2021	13 December 2021	13 December 2021	18 January 2022	18 January 2022
12	Perpetual or dated	Dated	Dated	Dated	Dated	Dated	Dated	Dated	Dated
13	Including: Original maturity date	24 September 2030	16 November 2030	16 November 2035	21 January 2031	15 December 2031	15 December 2036	20 January 2032	20 January 2037
14	Issuer call (subject to prior supervisory approval)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
15	Including: Optional call date, contingent call dates and redemption amount	24 September 2025, in full amount	16 November 2025, in full amount	16 November 2030, in full amount	21 January 2026, in full amount	15 December 2026, in full amount	15 December 2031, in full amount	20 January 2027, in full amount	20 January 2032, in full amount
16	Including: Subsequent call dates, if applicable	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Coupons/dividends								
17	Including: Fixed or floating dividend/coupon	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
18	Including: Coupon rate and any related index	4.20%	4.15%	4.45%	4.15%	3.48%	3.74%	3.28%	3.60%
19	Including: Existence of a dividend stopper	No	No	No	No	No	No	No	No
20	Including: Fully discretionary, partially discretionary or mandatory cancellation of coupons/dividends	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
21	Including: Redemption incentive mechanism	No	No	No	No	No	No	No	No
22	Including: Non-cumulative or cumulative	Non-cumulative	Non-cumulative	Non-cumulative	Non-cumulative	Non-cumulative	Non-cumulative	Non-cumulative	Non-cumulative
23	Convertible or non-convertible	No	No	No	No	No	No	No	No
24	Including: If convertible, conversion trigger(s)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
25	Including: If convertible, fully or partially	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

MAIN FEATURES OF ELIGIBLE CAPITAL INSTRUMENTS AT THE END OF 2022 (CONTINUED)

S/N	Main features of regulatory capital instrument	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds
26	Including: If convertible, conversion rate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
27	Including: If convertible, mandatory or optional conversion	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
28	Including: If convertible, specify instrument type convertible into	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
29	Including: If convertible, specify issuer of instrument it converts into	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
30	Write-down feature	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
31	Including: If write-down, write-down trigger(s)	Whichever occurs earlier: (i) CBIRC having decided that a write-down is necessary, without which the Issuer would become non-viable; or (ii) any relevant authority having decided that a public sector injection of capital or equivalent support is necessary, without which the Issuer would become non-viable	Whichever occurs earlier: (i) CBIRC having decided that a write-down is necessary, without which the Issuer would become non-viable; or (ii) any relevant authority having decided that a public sector injection of capital or equivalent support is necessary, without which the Issuer would become non-viable	Whichever occurs earlier: (i) CBIRC having decided that a write-down is necessary, without which the Issuer would become non-viable; or (ii) any relevant authority having decided that a public sector injection of capital or equivalent support is necessary, without which the Issuer would become non-viable	Whichever occurs earlier: (i) CBIRC having decided that a write-down is necessary, without which the Issuer would become non-viable; or (ii) any relevant authority having decided that a public sector injection of capital or equivalent support is necessary, without which the Issuer would become non-viable	Whichever occurs earlier: (i) CBIRC having decided that a write-down is necessary, without which the Issuer would become non-viable; or (ii) any relevant authority having decided that a public sector injection of capital or equivalent support is necessary, without which the Issuer would become non-viable	Whichever occurs earlier: (i) CBIRC having decided that a write-down is necessary, without which the Issuer would become non-viable; or (ii) any relevant authority having decided that a public sector injection of capital or equivalent support is necessary, without which the Issuer would become non-viable	Whichever occurs earlier: (i) CBIRC having decided that a write-down is necessary, without which the Issuer would become non-viable; or (ii) any relevant authority having decided that a public sector injection of capital or equivalent support is necessary, without which the Issuer would become non-viable	Whichever occurs earlier: (i) CBIRC having decided that a write-down is necessary, without which the Issuer would become non-viable; or (ii) any relevant authority having decided that a public sector injection of capital or equivalent support is necessary, without which the Issuer would become non-viable
32	Including: If write-down, full or partial	Partial or full write-down	Partial or full write-down	Partial or full write-down	Partial or full write-down	Partial or full write-down	Partial or full write-down	Partial or full write-down	Partial or full write-down
33	Including: If write-down, permanent or temporary	Permanent write-down	Permanent write-down	Permanent write-down	Permanent write-down	Permanent write-down	Permanent write-down	Permanent write-down	Permanent write-down
34	Including: If temporary write-down, description of write-up mechanism	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

MAIN FEATURES OF ELIGIBLE CAPITAL INSTRUMENTS AT THE END OF 2022 (CONTINUED)

S/N	Main features of regulatory capital instrument	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds
35	Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Subordinated to depositor and general creditor, but senior to equity capital, additional tier 1 capital instruments and hybrid capital bonds; pari passu with other subordinated debts that have been issued by the Issuer and are pari passu with the present bonds; and pari passu with other tier 2 capital instruments that will possibly be issued in the future and are pari passu with the present bonds	Subordinated to depositor and general creditor, but senior to equity capital, additional tier 1 capital instruments and hybrid capital bonds; pari passu with other subordinated debts that have been issued by the Issuer and are pari passu with the present bonds; and pari passu with other tier 2 capital instruments that will possibly be issued in the future and are pari passu with the present bonds	Subordinated to depositor and general creditor, but senior to equity capital, additional tier 1 capital instruments and hybrid capital bonds; pari passu with other subordinated debts that have been issued by the Issuer and are pari passu with the present bonds; and pari passu with other tier 2 capital instruments that will possibly be issued in the future and are pari passu with the present bonds	Subordinated to depositor and general creditor, but senior to equity capital, additional tier 1 capital instruments and hybrid capital bonds; pari passu with other subordinated debts that have been issued by the Issuer and are pari passu with the present bonds; and pari passu with other tier 2 capital instruments that will possibly be issued in the future and are pari passu with the present bonds	Subordinated to depositor and general creditor, but senior to equity capital, additional tier 1 capital instruments and hybrid capital bonds; pari passu with other subordinated debts that have been issued by the Issuer and are pari passu with the present bonds; and pari passu with other tier 2 capital instruments that will possibly be issued in the future and are pari passu with the present bonds	Subordinated to depositor and general creditor, but senior to equity capital, additional tier 1 capital instruments and hybrid capital bonds; pari passu with other subordinated debts that have been issued by the Issuer and are pari passu with the present bonds; and pari passu with other tier 2 capital instruments that will possibly be issued in the future and are pari passu with the present bonds	Subordinated to depositor and general creditor, but senior to equity capital, additional tier 1 capital instruments and hybrid capital bonds; pari passu with other subordinated debts that have been issued by the Issuer and are pari passu with the present bonds; and pari passu with other tier 2 capital instruments that will possibly be issued in the future and are pari passu with the present bonds	Subordinated to depositor and general creditor, but senior to equity capital, additional tier 1 capital instruments and hybrid capital bonds; pari passu with other subordinated debts that have been issued by the Issuer and are pari passu with the present bonds; and pari passu with other tier 2 capital instruments that will possibly be issued in the future and are pari passu with the present bonds
36	Non-compliant transitioned features	No	No	No	No	No	No	No	No
	Including: If yes, specify non-compliant features	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

MAIN FEATURES OF ELIGIBLE CAPITAL INSTRUMENTS AT THE END OF 2022 (CONTINUED)

S/N	Main features of regulatory capital instrument	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds
1	Issuer	The Bank	The Bank	The Bank	The Bank	The Bank	The Bank	The Bank	The Bank
2	Unique identifier	2228024	2228025	092280065	092280066	092280134	092280135	232280007	232280008
3	Governing law(s) of the instrument	Governed by the Commercial Banking Law of the People's Republic of China, the Regulation Governing Capital of Commercial Banks (Provisional) and the Measures for Administration of Financial Bond Issuance in China's Inter-bank Bond Market, as well as other applicable laws, regulations and normative documents	Governed by the Commercial Banking Law of the People's Republic of China, the Regulation Governing Capital of Commercial Banks (Provisional) and the Measures for Administration of Financial Bond Issuance in China's Inter-bank Bond Market, as well as other applicable laws, regulations and normative documents	Governed by the Commercial Banking Law of the People's Republic of China, the Regulation Governing Capital of Commercial Banks (Provisional) and the Measures for Administration of Financial Bond Issuance in China's Inter-bank Bond Market, as well as other applicable laws, regulations and normative documents	Governed by the Commercial Banking Law of the People's Republic of China, the Regulation Governing Capital of Commercial Banks (Provisional) and the Measures for Administration of Financial Bond Issuance in China's Inter-bank Bond Market, as well as other applicable laws, regulations and normative documents	Governed by the Commercial Banking Law of the People's Republic of China, the Regulation Governing Capital of Commercial Banks (Provisional) and the Measures for Administration of Financial Bond Issuance in China's Inter-bank Bond Market, as well as other applicable laws, regulations and normative documents	Governed by the Commercial Banking Law of the People's Republic of China, the Regulation Governing Capital of Commercial Banks (Provisional) and the Measures for Administration of Financial Bond Issuance in China's Inter-bank Bond Market, as well as other applicable laws, regulations and normative documents	Governed by the Commercial Banking Law of the People's Republic of China, the Regulation Governing Capital of Commercial Banks (Provisional) and the Measures for Administration of Financial Bond Issuance in China's Inter-bank Bond Market, as well as other applicable laws, regulations and normative documents	Governed by the Commercial Banking Law of the People's Republic of China, the Regulation Governing Capital of Commercial Banks (Provisional) and the Measures for Administration of Financial Bond Issuance in China's Inter-bank Bond Market, as well as other applicable laws, regulations and normative documents
	Regulatory treatment								
4	Including: Transition arrangement of Regulation Governing Capital of Commercial Banks (Provisional)	Tier 2 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital
5	Including: Post-transition arrangement of Regulation Governing Capital of Commercial Banks (Provisional)	Tier 2 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital	Tier 2 capital
6	Including: Eligible to the parent company/group level	Parent company/Group	Parent company/Group	Parent company/Group	Parent company/Group	Parent company/Group	Parent company/Group	Parent company/Group	Parent company/Group

MAIN FEATURES OF ELIGIBLE CAPITAL INSTRUMENTS AT THE END OF 2022 (CONTINUED)

S/N	Main features of regulatory capital instrument	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds
7	Instrument type	Tier 2 capital instrument	Tier 2 capital instrument	Tier 2 capital instrument	Tier 2 capital instrument	Tier 2 capital instrument	Tier 2 capital instrument	Tier 2 capital instrument	Tier 2 capital instrument
8	Amount recognised in regulatory capital (in millions, as at the latest reporting date)	RMB45,000	RMB5,000	RMB30,000	RMB10,000	RMB50,000	RMB10,000	RMB25,000	RMB5,000
9	Par value of instrument (in millions)	RMB45,000	RMB5,000	RMB30,000	RMB10,000	RMB50,000	RMB10,000	RMB25,000	RMB5,000
10	Accounting treatment	Debt securities issued	Debt securities issued	Debt securities issued	Debt securities issued	Debt securities issued	Debt securities issued	Debt securities issued	Debt securities issued
11	Original date of issuance	12 April 2022	12 April 2022	18 August 2022	18 August 2022	8 November 2022	8 November 2022	20 December 2022	20 December 2022
12	Perpetual or dated	Dated	Dated	Dated	Dated	Dated	Dated	Dated	Dated
13	Including: Original maturity date	14 April 2032	14 April 2037	22 August 2032	22 August 2037	10 November 2032	10 November 2037	22 December 2032	22 December 2037
14	Issuer call (subject to prior supervisory approval)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
15	Including: Optional call date, contingent call dates and redemption amount	14 April 2027, in full amount	14 April 2032, in full amount	22 August 2027, in full amount	22 August 2032, in full amount	10 November 2027, in full amount	10 November 2032, in full amount	22 December 2027, in full amount	22 December 2032, in full amount
16	Including: Subsequent call dates, if applicable	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Coupons/dividends								
17	Including: Fixed or floating dividend/coupon	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
18	Including: Coupon rate and any related index	3.50%	3.74%	3.02%	3.32%	3.00%	3.34%	3.70%	3.85%
19	Including: Existence of a dividend stopper	No	No	No	No	No	No	No	No
20	Including: Fully discretionary, partially discretionary or mandatory cancellation of coupons/dividends	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
21	Including: Redemption incentive mechanism	No	No	No	No	No	No	No	No

MAIN FEATURES OF ELIGIBLE CAPITAL INSTRUMENTS AT THE END OF 2022 (CONTINUED)

S/N	Main features of regulatory capital instrument	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds
22	Including: Non-cumulative or cumulative	Non-cumulative	Non-cumulative	Non-cumulative	Non-cumulative	Non-cumulative	Non-cumulative	Non-cumulative	Non-cumulative
23	Convertible or non-convertible	No	No	No	No	No	No	No	No
24	Including: If convertible, conversion trigger(s)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
25	Including: If convertible, fully or partially	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
26	Including: If convertible, conversion rate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
27	Including: If convertible, mandatory or optional conversion	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
28	Including: If convertible, specify instrument type convertible into	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
29	Including: If convertible, specify issuer of instrument it converts into	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
30	Write-down feature	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
31	Including: If write-down, write-down trigger(s)	Whichever occurs earlier: (i) CBIRC having decided that a write-down is necessary, without which the Issuer would become non-viable; or (ii) any relevant authority having decided that a public sector injection of capital or equivalent support is necessary, without which the Issuer would become non-viable	Whichever occurs earlier: (i) CBIRC having decided that a write-down is necessary, without which the Issuer would become non-viable; or (ii) any relevant authority having decided that a public sector injection of capital or equivalent support is necessary, without which the Issuer would become non-viable	Whichever occurs earlier: (i) CBIRC having decided that a write-down is necessary, without which the Issuer would become non-viable; or (ii) any relevant authority having decided that a public sector injection of capital or equivalent support is necessary, without which the Issuer would become non-viable	Whichever occurs earlier: (i) CBIRC having decided that a write-down is necessary, without which the Issuer would become non-viable; or (ii) any relevant authority having decided that a public sector injection of capital or equivalent support is necessary, without which the Issuer would become non-viable	Whichever occurs earlier: (i) CBIRC having decided that a write-down is necessary, without which the Issuer would become non-viable; or (ii) any relevant authority having decided that a public sector injection of capital or equivalent support is necessary, without which the Issuer would become non-viable	Whichever occurs earlier: (i) CBIRC having decided that a write-down is necessary, without which the Issuer would become non-viable; or (ii) any relevant authority having decided that a public sector injection of capital or equivalent support is necessary, without which the Issuer would become non-viable	Whichever occurs earlier: (i) CBIRC having decided that a write-down is necessary, without which the Issuer would become non-viable; or (ii) any relevant authority having decided that a public sector injection of capital or equivalent support is necessary, without which the Issuer would become non-viable	Whichever occurs earlier: (i) CBIRC having decided that a write-down is necessary, without which the Issuer would become non-viable; or (ii) any relevant authority having decided that a public sector injection of capital or equivalent support is necessary, without which the Issuer would become non-viable

MAIN FEATURES OF ELIGIBLE CAPITAL INSTRUMENTS AT THE END OF 2022 (CONTINUED)

S/N	Main features of regulatory capital instrument	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds	Tier 2 capital bonds
32	Including: If write-down, full or partial	Partial or full write-down	Partial or full write-down	Partial or full write-down	Partial or full write-down	Partial or full write-down	Partial or full write-down	Partial or full write-down	Partial or full write-down
33	Including: If write-down, permanent or temporary	Permanent write-down	Permanent write-down	Permanent write-down	Permanent write-down	Permanent write-down	Permanent write-down	Permanent write-down	Permanent write-down
34	Including: If temporary write-down, description of write-up mechanism	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
35	Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Subordinated to depositor and general creditor, but senior to equity capital, additional tier 1 capital instruments and hybrid capital bonds; pari passu with other subordinated debts that have been issued by the Issuer and are pari passu with the present bonds; and pari passu with other tier 2 capital instruments that will possibly be issued in the future and are pari passu with the present bonds	Subordinated to depositor and general creditor, but senior to equity capital, additional tier 1 capital instruments and hybrid capital bonds; pari passu with other subordinated debts that have been issued by the Issuer and are pari passu with the present bonds; and pari passu with other tier 2 capital instruments that will possibly be issued in the future and are pari passu with the present bonds	Subordinated to depositor and general creditor, but senior to equity capital, additional tier 1 capital instruments and hybrid capital bonds; pari passu with other subordinated debts that have been issued by the Issuer and are pari passu with the present bonds; and pari passu with other tier 2 capital instruments that will possibly be issued in the future and are pari passu with the present bonds	Subordinated to depositor and general creditor, but senior to equity capital, additional tier 1 capital instruments and hybrid capital bonds; pari passu with other subordinated debts that have been issued by the Issuer and are pari passu with the present bonds; and pari passu with other tier 2 capital instruments that will possibly be issued in the future and are pari passu with the present bonds	Subordinated to depositor and general creditor, but senior to equity capital, additional tier 1 capital instruments and hybrid capital bonds; pari passu with other subordinated debts that have been issued by the Issuer and are pari passu with the present bonds; and pari passu with other tier 2 capital instruments that will possibly be issued in the future and are pari passu with the present bonds	Subordinated to depositor and general creditor, but senior to equity capital, additional tier 1 capital instruments and hybrid capital bonds; pari passu with other subordinated debts that have been issued by the Issuer and are pari passu with the present bonds; and pari passu with other tier 2 capital instruments that will possibly be issued in the future and are pari passu with the present bonds	Subordinated to depositor and general creditor, but senior to equity capital, additional tier 1 capital instruments and hybrid capital bonds; pari passu with other subordinated debts that have been issued by the Issuer and are pari passu with the present bonds; and pari passu with other tier 2 capital instruments that will possibly be issued in the future and are pari passu with the present bonds	Subordinated to depositor and general creditor, but senior to equity capital, additional tier 1 capital instruments and hybrid capital bonds; pari passu with other subordinated debts that have been issued by the Issuer and are pari passu with the present bonds; and pari passu with other tier 2 capital instruments that will possibly be issued in the future and are pari passu with the present bonds
36	Non-compliant transitioned features	No	No	No	No	No	No	No	No
	Including: If yes, specify non-compliant features	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Definitions

In this report, unless the context otherwise requires, the following terms shall have the meanings set out below:

Articles of Association	The Articles of Association of Industrial and Commercial Bank of China Limited
Capital Regulation	Regulation Governing Capital of Commercial Banks (Provisional) promulgated in June 2012
CBIRC	China Banking and Insurance Regulatory Commission
China Ratings	China Bond Rating Co., Ltd.
Global Systemically Important Banks/G-SIB	Banks undertaking key functions with global features in the financial markets as released by the Financial Stability Board
ICBC (Argentina)	Industrial and Commercial Bank of China (Argentina) S.A.
ICBC (Asia)	Industrial and Commercial Bank of China (Asia) Limited
ICBC (Canada)	Industrial and Commercial Bank of China (Canada)
ICBC (Europe)	Industrial and Commercial Bank of China (Europe) S.A.
ICBC (Macau)	Industrial and Commercial Bank of China (Macau) Limited
ICBC (Thai)	Industrial and Commercial Bank of China (Thai) Public Company Limited
ICBC International	ICBC International Holdings Limited
ICBC Investment	ICBC Financial Asset Investment Co., Ltd.
ICBC Leasing	ICBC Financial Leasing Co., Ltd.
ICBC Standard Bank	ICBC Standard Bank PLC
ICBC Wealth Management	ICBC Wealth Management Co., Ltd.
ICBC-AXA	ICBC-AXA Assurance Co., Ltd.
LH Ratings	China Lianhe Credit Rating Co., Ltd.
PBC	The People's Bank of China
Securities and Futures Ordinance of Hong Kong	Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong)
SEHK	The Stock Exchange of Hong Kong Limited
SSE	Shanghai Stock Exchange
The Bank/The Group/ICBC	Industrial and Commercial Bank of China Limited; or Industrial and Commercial Bank of China Limited and its subsidiaries

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