

# **BANK OF CHINA LIMITED, JOHANNESBURG BRANCH**



Q1 Pillar 3 Disclosures (2022)

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## **1. Regulatory framework for disclosures**

Bank of China Limited, Johannesburg Branch (“Branch”) is supervised by the Prudential Authority (PA) within the South African Reserve Bank, who determines the capital requirements for South African banks. The capital requirements are calculated based on the Banks Act 94 of 1990 (Banks Act), relevant regulations, directives and guidance notes issued by the PA. The Basel Committee’s framework is structured around three ‘pillars’:

- Pillar 1 – minimum capital requirements;
- Pillar 2 – supervisory review process; and
- Pillar 3 – market discipline.

The purpose of the Pillar 3 Disclosure Report is to promote market discipline by providing investors/clients with key information relating to *inter-alia* a bank's regulatory capital and risk exposures. A key goal of the revised Pillar 3 Disclosure requirements is to improve comparability and consistency of disclosures. Pillar 3 requires all material risks to be disclosed, resulting in a comprehensive view of the Branch’s risk profile.

## **2. Pillar 3 Disclosures**

The Branch’s Pillar 3 Disclosures for quarter 1 ending 31 March 2022 comprises all information required under Pillar 3, being both quantitative and qualitative. The numbers are reported in Rand millions if there are no specific units in the report.

## **3. Risk Governance and Oversight**

The Branch’s Executive Committee (“EXCO”) is accountable for the risks of the Branch and delegates certain responsibilities to various internal committees which are aligned to South African regulatory requirements and Head Office’s management framework.

## 4. Key prudential metrics

### 4.1 Table 1: Key Metrics (KM1)

The table provides an overview of the Branch's key prudential metrics.

	March 2022 ('m)	December 2021 ('m)	September 2021 ('m)	June 2021 ('m)	March 2021 ('m)	
	a	b	c	d	e	
<b>Available capital (amounts)</b>						
1	Common Equity Tier 1 (CET1)	9,170	9,182	9,193	9,194	8,418
1a	Fully loaded ECL accounting model	9,170	9,182	9,193	9,194	8,418
2	Tier 1	9,170	9,182	9,193	9,194	8,418
2a	Fully loaded ECL accounting model Tier 1	9,170	9,182	9,193	9,194	8,418
3	Total capital	9,461	9,352	9,384	9,405	8,702
3a	Fully loaded ECL accounting model total capital	9,461	9,352	9,384	9,405	8,702
<b>Risk-weighted assets (amounts)</b>						
4	Total risk-weighted assets (RWA)	25,822	26,884	27,558	28,041	32,943
4a	Total risk-weighted assets (pre-floor)	25,822	26,884	27,558	28,041	32,943
<b>Risk-based capital ratios as a percentage of RWA</b>						
5	CET1 ratio (%)	35.51	34.16	33.36	32.79	25.55
5a	Fully loaded ECL accounting model CET1 (%)	35.51	34.16	33.36	32.79	25.55
5b	CET1 ratio (%) (pre-floor ratio)	35.51	34.16	33.36	32.79	25.55
6	Tier 1 ratio (%)	35.51	34.16	33.36	32.79	25.55
6a	Fully loaded ECL accounting model Tier 1 ratio (%)	35.51	34.16	33.36	32.79	25.55
6b	Tier 1 ratio (%) (pre-floor ratio)	35.51	34.16	33.36	32.79	25.55
7	Total capital ratio (%)	36.64	34.79	34.05	33.54	26.41
7a	Fully loaded ECL accounting model total capital ratio (%)	36.64	34.79	34.05	33.54	26.41
7b	Total capital ratio (%) (pre-floor ratio)	36.64	34.79	34.05	33.54	26.41
<b>Additional CET1 buffer requirements as a percentage of RWA</b>						
8	Capital conservation buffer requirement (2.5% from 2019)(%)	2.50	2.50	2.50	2.50	2.50
9	Countercyclical buffer requirement (%)	0.02	0.02	-	-	-
10	Bank G-SIB and/or D-SIB additional requirements (%)	N/A	N/A	N/A	N/A	N/A
11	Total of bank CET1 specific buffer requirements (%) (row 8 + row 9 + row 10)	2.52	2.52	2.50	2.50	2.50
12	CET1 available after meeting the bank's minimum capital requirements (%)	27.99	26.63	25.86	25.29	18.55
<b>Basel III leverage ratio</b>						
13	Total Basel III leverage ratio exposure measure	43,520	44,067	50,550	45,510	50,993
14	Basel III leverage ratio (%) (including the impact of any applicable temporary exemption of central bank reserves)	21.07	20.84	18.19	20.20	16.51
14a	Fully loaded ECL accounting model Basel III leverage ratio (including the impact of any applicable temporary exemption of central bank reserves) (%)	21.07	20.84	18.19	20.20	16.51
14b	Basel III leverage ratio (%) (excluding the impact of any applicable temporary exemption of central bank reserves)	21.07	20.84	18.19	20.20	16.51
<b>Liquidity Coverage Ratio (LCR)</b>						
15	Total high-quality liquid assets (HQLA)	14,209	14,217	12,081	11,306	10,924
16	Total net cash outflow	3,614	4,347	1,717	2,007	5,452
17	LCR ratio (%)	393	327	704	563	200
<b>Net Stable Funding Ratio (NSFR)</b>						
18	Total available stable funding	25,986	22,368	26,039	25,718	27,557
19	Total required stable funding	15,980	17,343	19,392	19,884	23,098
20	NSFR ratio	163	129	134	129	119

The quarter-on-quarter decrease in the Risk Weighted Assets (RWA), increase in the Capital Adequacy Ratio (CAR) is due to repayment of corporate loans and decrease in trade finance activities. The increase in the Liquidity Coverage Ratio (LCR) is due to an increase in the interbank accounts which resulted in a decrease in net cash outflow during the quarter ended 31 March 2022. The increase in the quarter-on-quarter Net Stable Funding Ratio (NSFR) is mainly due to the increase in funding from the Green Bond issuance in February 2022, which contributed to the increase in the Available Stable Funding.

## 4.2 Table 2: Overview of Risk Weighted Assets (OV1)

The below table provides an overview of total RWA forming the denominator of the risk-based capital requirements. The current minimum capital requirement to the RWA is 11.50% which is made up of 8% base minimum, 1% Pillar 2A add-on and 2.5% conservation buffer. The countercyclical buffer of 0.02% was disclosed as the foreign exposures exceed 2% of private sector risk weighted assets. The idiosyncratic ratio requirement for the Branch is not disclosed in the Pillar 3 disclosures.

		a	b	c
		RWA		Minimum capital requirements
		Mar-22	Dec-21	T
1	Credit risk (excluding counterparty credit risk)	23,307	24,431	2,686
2	Of which: standardised approach (SA)	23,307	24,431	2,686
3	Of which: foundation internal ratings-based (F-IRB) approach	-	-	
4	Of which: supervisory slotting approach	-	-	
5	Of which: advanced internal ratings-based (A-IRB) approach	-	-	
6	Counterparty credit risk (CCR)	-	4	-
7	Of which: standardised approach for counterparty credit risk	-	4	-
8	Of which: IMM	-	-	
9	Of which: other CCR	-	-	
10	Credit valuation adjustment (CVA)	2	9	0
11	Equity positions under the simple risk weight approach and the internal model method during the five-year linear phase-in period	-	-	
12	Equity investments in funds - look-through approach	-	-	
13	Equity investments in funds - mandate-based approach	-	-	
14	Equity investments in funds - fall-back approach	-	-	
15	Settlement risk	-	-	
16	Securitisation exposures in banking book	-	-	
17	Of which: securitisation IRB approach (SEC-IRBA)	-	-	
18	Of which: securitisation external rating-based approach (SEC-IRBA), including internal assessment approach (IAA)	-	-	
19	Of which: securitisation standardised approach (SEC-SA)	-	-	
20	Market risk	9	4	1
21	Of which: standardised approach (SA)	9	4	1
22	Of which: internal model approaches (IMA)	-	-	
23	Capital charge for switch between trading book and banking book	-	-	
24	Operational risk	2,311	2,311	266
25	Amounts below the thresholds for deduction (subject to 250% risk weight)	193	125	22
26	Aggregate capital floor applied	-	-	
27	Floor adjustment (before application of transitional cap)	-	-	
28	Floor adjustment (after application of transitional cap)	-	-	
29	Total (1 + 6 + 10 + 11 + 12 + 13 + 14 + 15 + 16 + 20 + 23 + 24 + 25 + 28)	25,822	26,884	2,975

The quarter-on-quarter decrease on the RWA is mainly due to a decrease in corporate loans.

## 5. Leverage Ratio

The leverage ratio calculated in accordance with the Banks Act and the Regulations relating to Banks was 21.07% as at 31 March 2022, up from 20.84% as at 31 December 2021. The movement was mainly due to the decrease on the off-balance exposures of R696 million. The exposures that have been disclosed are balances as at each quarter.

**5.1 Table 3: Summary comparison of accounting assets vs leverage ratio exposure (LR1)**

The table below reflects the reconciliation of the total assets in the financial statements to the leverage ratio exposure measure.

	<b>Item</b>	<b>R'm</b>
1	Total consolidated assets as per published financial statements	40,232
2	Adjustment for investments in banking, financial, insurance or commercial entities that are consolidated for accounting purposes but outside the scope of regulatory consolidation	-
3	Adjustment for securitised exposures that meet the operational requirements for the recognition of risk transference	-
4	Adjustments for temporary exemption of central bank reserves (if applicable)	-
5	Adjustment for fiduciary assets recognised on the balance sheet pursuant to the operative accounting framework but excluded from the leverage ratio exposure measure	-
6	Adjustments for regular-way purchases and sales of financial assets subject to trade date accounting	-
7	Adjustments for eligible cash pooling transactions	-
8	Adjustments for derivative financial instruments	5
9	Adjustment for securities financing transactions (ie repurchase agreements and similar secured lending)	-
10	Adjustment for off-balance sheet items (ie conversion to credit equivalent amounts of offbalance sheet exposures)	3,283
11	Adjustments for prudent valuation adjustments and specific and general provisions which have reduced Tier 1 capital	-
12	Other adjustments	-
<b>13</b>	<b>Leverage ratio exposure measure</b>	<b>43,520</b>

The leverage ratio exposure decreased by 1.24% quarter-on-quarter which was mainly due to the decrease in the the off-balance exposures of R696 million.

## 5.2 Table 4: Leverage ratio (LR2)

The table below provides a detailed breakdown of the components of the leverage ratio.

	Item	T	T-1
<b>On-balance sheet exposures</b>		Mar 2022 ('m)	Dec 2021 ('m)
1	On-balance sheet exposures (excluding derivatives and securities financing transactions (SFTs), but including collateral)	40,232	40,074
2	Gross-up for derivatives collateral provided where deducted from balance sheet assets pursuant to the operative accounting framework	-	-
3	(Deductions of receivable assets for cash variation margin provided in derivatives transactions)	-	-
4	(Adjustment for securities received under securities financing transactions that are recognised as an asset)	-	-
5	(Specific and general provisions associated with on-balance sheet exposures that are deducted from Basel III Tier 1 capital)	-	-
6	(Asset amounts deducted in determining Basel III Tier 1 capital and regulatory adjustments)	-	-
7	<b>Total on-balance sheet exposures (excluding derivatives and SFTs) (sum of rows 1 to 6)</b>	40,232	40,074
<b>Derivative exposures</b>		<b>Other risk</b>	<b>Other risk</b>
8	Replacement cost associated with all derivatives transactions (where applicable net of eligible cash variation margin and/or with bilateral netting)	0	2
9	Add-on amounts for potential future exposure associated with all derivatives transactions	5	12
10	(Exempted central counterparty (CCP) leg of client-cleared trade exposures)	-	-
11	Adjusted effective notional amount of written credit derivatives	-	-
12	(Adjusted effective notional offsets and add-on deductions for written credit derivatives)	-	-
13	<b>Total derivative exposures (sum of rows 8 to 12)</b>	5	14
<b>Securities financing transaction exposures</b>			
14	Gross SFT assets (with no recognition of netting), after adjusting for sales accounting transactions	-	-
15	(Netted amounts of cash payables and cash receivables of gross SFT assets)	-	-
16	Counterparty credit risk exposure for SFT assets	-	-
17	Agent transaction exposures	-	-
18	<b>Total securities financing transaction exposures (sum of rows 14 to 17)</b>	-	-
<b>Other off-balance sheet exposures</b>			
19	Off-balance sheet exposure at gross notional amount	3,283	3,979
20	(Adjustments for conversion to credit equivalent amounts)	-	-
21	(Specific and general provisions associated with off-balance sheet exposures deducted in determining Tier 1 capital)	-	-
22	<b>Off-balance sheet items (sum of rows 19 to 21)</b>	3,283	3,979
<b>Capital and total exposures</b>			
23	<b>Tier 1 capital</b>	9,170	9,182
24	<b>Total exposures (sum of rows 7, 13, 18 and 22)</b>	43,520	44,067
<b>Leverage ratio</b>			
25	<b>Basel III leverage ratio (including the impact of any applicable temporary exemption of central bank reserves)</b>	21.07%	20.84%
25a	Basel III leverage ratio (excluding the impact of any applicable temporary exemption of central bank reserves)	21.07%	20.84%
26	<b>National minimum leverage ratio requirement</b>	4.00%	4.00%
27	<b>Applicable leverage buffers</b>	0.00%	0.00%

The above quarter-on-quarter movements was mainly due to the decrease in the the off-balance exposures of R696 million. The exposures that have been

disclosed are balances as at each quarter-end.

## **6. Liquidity Risk**

Liquidity risk is the risk of the Branch potentially not having sufficient financial resources to meet its obligations as they become due or will have to access such resources at excessive cost. The risk arises from mismatches in the timing of cash flows. The Branch follows the Bank of China Group's (the Group) liquidity framework.

The objective of the Group's internal liquidity and funding risk management framework is to allow it to withstand very severe liquidity stresses and be adaptable to changing business models, markets and regulations.

The primary sources of funding are customer deposits and intergroup borrowings. Within the Branch, the Asset, Liability and Liquidity Management Committee (ALCO) is responsible for managing the Branch's liquidity and funding. The ALCO members also manage the liquidity risk and interest rate risk in the banking book. The majority of the liquidity is invested in central bank deposits, South African treasury bills and government securities.

### **6.1 Table 5: Liquidity coverage ratio (LIQ1)**

LCR promotes short-term resilience of the Branch's 30 calendar day liquidity risk profile by ensuring it has sufficient HQLA to meet potential outflows in a stressed environment. The simple average is used in the table where the daily LCR from 1 January to 31 March 2022 is used. This means a total of **90 data points** was used to calculate the Average LCR (which is the number of calendar days during the period 1 January to 31 March 2022). Un-weighted value represents the outstanding balances maturing or callable within 30 days for cash inflows and cash outflows. Total weighted value is calculated after application of weightings of cash inflows and outflows.



		Total unweighted value (average)	Total weighted value (average)
	<b>High-quality liquid assets</b>		
1	Total HQLA		14 209
	<b>Cash outflows</b>		
2	<b>Retail deposits and deposits from small business customers, of which:</b>	322	26
3	Stable deposits		
4	Less stable deposits	263	26
5	<b>Unsecured wholesale funding, of which:</b>	27 012	6 124
6	Operational deposits (all counterparties) and deposits in networks of cooperative banks		
7	Non-operational deposits (all counterparties)	11 051	6 124
8	Unsecured debt		
9	<b>Secured wholesale funding</b>		
10	<b>Additional requirements, of which:</b>	8 175	866
11	Outflows related to derivative exposures and other collateral requirements	9	9
12	Outflows related to loss of funding on debt products		
13	Credit and liquidity facilities	8 099	789
14	Other contractual funding obligations	68	68
15	Other contingent funding obligations		
16	<b>TOTAL CASH OUTFLOWS</b>		7 016
	<b>Cash inflows</b>		
17	<b>Secured lending (eg reverse repos)</b>		
18	<b>Inflows from fully performing exposures</b>	3 567	3 383
19	Other cash inflows	19	19
20	<b>TOTAL CASH INFLOWS</b>	3 586	3 402
	<b>Total adjusted value</b>		
21	<b>Total HQLA</b>		14 209
22	<b>Total net cash outflows</b>		3 614
23	<b>Liquidity Coverage Ratio (%)</b>		393

The quarter-on-quarter increase in the average liquidity coverage ratio is due to the increase on cash inflows from financial institutions, which resulted in a decrease in the net cash outflows. The increase on cash inflows was as a result of an increase in the balance of interbank accounts.