

1. Scope of Application

Reserve Bank of India (RBI) issued Basel III guidelines applicable with effect from April 1, 2013. Upon full implementation, Basel III guidelines target minimum capital to risk-weighted assets ratio (CRAR) would be 11.5%, minimum Common Equity Tier-1 (CET1) CRAR ratio would be 5.5% and minimum Tier-1 CRAR ratio would be 7%.

Qualitative Disclosures:

- (a) The capital Adequacy framework applies to Shinhan Bank – India branches. Shinhan Bank India ("hereinafter referred to as the 'Bank') are the Indian Operations of Shinhan Bank ("hereinafter referred to as 'H.O. '), a South Korean company incorporated in 1897 operating as commercial bank through network of branches in South Korea and various overseas branches including India. The Bank has a network of six branches in India as on 31st December 2023.
- (b) The Bank does not have any subsidiaries in India.

Quantitative Disclosures:

- (c) The aggregate amount of capital deficiencies in all subsidiaries not included in the consolidation i.e. that are deducted and the name(s) of such subsidiaries: NIL
- (d) The aggregate amounts of the bank's total interests in insurance entities: NIL
- (e) Restrictions or impediments on transfer of funds or regulatory capital within the banking group: NIL

2. Capital Structure:

Qualitative Disclosures:

- (a) Summary information and main features of capital instruments are given below.
- Tier I capital: - consists of funds from H.O. for the purpose of meeting capital adequacy norms & statutory reserves minus deferred tax asset.
 - Tier II capital comprises of general loan loss provisions.
- (b) The Composition of capital structure:

	(Rs. crores)
Particulars	December 31, 2023
Funds from H.O.	633.19
Statutory Reserve	939.65
Deferred Tax Assets	(58.29)
Total- Tier I	1,514.55
Provision for Standard Assets, Investment Fluctuation Reserve, Provision for Country Risk Exposure	76.51
Total – Tier II	76.51
Total Eligible Capital	1,591.06

3. Capital Adequacy:**Qualitative Disclosures: -**

Every year Bank fixes its corporate goals, commensurate with its risk appetite. Capital requirement is assessed taking into account: Business growth plans, Capital funds available with Bank after accounting for redeployment of projected internal accruals, minimum regulatory capital required, buffer above minimum capital required to take care of non-Pillar-I risks. For the purpose, bank has a well-defined Internal Capital Adequacy Assessment Policy (ICAAP) to comprehensively evaluate and document all the risks like Interest Rate Risk in Banking Book, Liquidity Risk, Reputation Risk, Compliance Risk, Strategic Risk and Credit Concentration Risk etc. and substantiate appropriate capital allocation so as to evolve a fully integrated risk/capital model for both regulatory and economic capital.

The bank carefully assesses its growth opportunities relative to the capital available to support them, particularly in light of the economic environment and advent of Basel III. The Bank maintains a strong discipline over capital allocation and ensuring that returns on investment cover capital costs. The bank is fully committed in implementing the Basel III norms as adopted by the Reserve Bank of India. The bank has adopted the following approaches for its capital adequacy under BASEL III in line with the guidelines of the Reserve Bank of India.

- Credit Risk - Standardised approach.
- Market Risk - Standardised duration approach.
- Operational Risk - Basic Indicator approach.

Quantitative disclosures:

Reserve Bank of India (RBI) issued Basel III guidelines applicable with effect from April 1, 2013. Upon full implementation, Basel III guidelines target minimum capital to risk-weighted assets ratio (CRAR) would be 11.5%, minimum Common Equity Tier-1 (CET1) CRAR ratio would be 5.5% and minimum Tier-1 CRAR ratio would be 7%.

The summary of the bank's capital requirement for credit, market, operation risk and CRAR as at December 31, 2023 is presented below:

(Rs. in crores)

	PARTICULARS	Amount
A	Capital requirement for credit risk	
	- Portfolios subject to standardised approach	847.21
	- Securitisation exposures	
B	Capital requirement for market risk	
	Standardised duration approach	
	-Interest rate risk	12.79
	-Foreign exchange risk	12.94
	-Equity risk	-
C	Capital requirement for operational risk	
	-Basic indicator approach	71.70
D	Capital Adequacy ratio of the Bank (%)	19.37%
E	Tier I CRAR (%)	18.44%

General Disclosures:

Risk Exposure and Assessment

Shinhan Bank's Risk Management policies and procedures are subject to a high degree of oversight and guidance to ensure that all types of risks are systematically identified, measured analysed and actively managed. Specific details relating to all major business functions are elaborated in the respective policies and manuals of the bank, which may be guided by for specific business activities.

Risk Management is the responsibility of every member of the management as well as part of the job of each staff members of the bank. Individual risk management efforts are coordinated and supervised by the CEO. The H.O. has the responsibility for coordination of overall risk management with respect to the business of the India branches of the bank.

Risk Management

The bank has a Risk Management Department in place which oversees all types of risks in an integrated fashion. Shinhan bank has established a series of risk management system to prepare for the full- scale implementation of the revised Capital Accord. The H.O. assumes overall supervision of the global operations of the Bank. The Board of Directors assumes the ultimate responsibility of supervision, and exercises its supervisory authority through the President and CEO.

Risk Management Framework

The Risk Management Framework aims to integrate the sound principles of Risk Management system and practices into the overall functioning and set up of the Bank. Shinhan Bank has created in its organizational structure a Risk Management Committee to oversee and discharge efficiently the risk management functions. The Management Committee defines risk strategies and policies of the bank. The bank's risk profile is regularly examined by the Risk Management Committee. The Risk Management Committee is headed by the CEO and is represented by members from Credit, Risk, Treasury, Compliance and Finance departments.

4. Credit Risk:

General Disclosure

Credit risk covers the inability of a borrower/customer or counter-party to honour commitments under an agreement/contract and any such failure has an adverse impact on the financial performance of the Bank. The Bank is exposed to credit risk through lending, certain off balance-sheet items and some holdings in debt securities. Various credit exposure limits are fixed and approved by the appropriate authority. These limits are being monitored on a regular basis.

Strategy and Processes

The Bank's credit risk management process integrates risk management into the business management processes, while preserving the independence and integrity of risk assessment. The Bank's, H.O. formulates risk management policies for the Bank worldwide. The Bank in India has formulated local credit guidelines consistent with the HO policy. The goal of credit risk management during the year has been to maintain a healthy credit portfolio by managing risk at the portfolio level. The Bank's risk management policies and procedures establish the parameters for risk appetite, which is defined quantitatively and qualitatively in accordance with the laid-down strategic business plan. The process is established through a combination of governance structures and control processes.

The other guiding principles and processes behind Credit Risk Management Framework are:

- The acceptability of credit exposure is primarily based on the sustainability and adequacy of borrower's normal business operations and not based solely on the availability of security.
- Sound credit approval process with well laid credit-granting criteria.
- Portfolio level risk analytics and reporting to ensure optimal spread of risk across various rating classes, prevent undue risk concentration across any particular industry segments and monitor credit risk quality migration.
- 'Know your Customer' is a leading principle for all activities.
- Appropriate covenants are stipulated for risk containment and monitoring.
- Industry-wise exposure ceilings are based on the industry performance, prospects and the competitiveness of the sector.
- Separate risk limits are set up for credit portfolios like advances to NBFC and unsecured loans that require special monitoring

Structure and Organization

The Bank has committee approach in place for credit sanction and review. Credit approval authorities are delegated from the H.O. to the Chief Executive Officer, India. The Head of Risk Management in India maintains a functional reporting to the Global Business Division at the HO through the CEO of India Operations.

Scope and nature of risk reporting and measurement

Credit Rating System

Credit rating tools are an integral part of risk-assessment of the corporate borrowers and the Bank has developed rating model that has distinct risk characteristics. The Bank periodically carries out a comprehensive portfolio level analysis of its asset portfolio with a risk-return perspective. The credit rating tool uses a combination of quantitative inputs and qualitative inputs to arrive at a 'point-in-time' view of the rating of counterparty. Each internal rating grade corresponds to a distinct probability of default. The output of the rating model is primarily to assess the chances of delinquency over a one-year time horizon.

Review and Monitoring

- The Bank has developed monitoring tool that helps in objectively assessing the credit quality of the borrower taking into cognizance the actual behavior post-disbursement.
- All credit exposures, once approved, are monitored and reviewed periodically against the approved limits.
- Borrowers with lower credit rating are subject to more frequent reviews.
- Credit audit involves independent review of credit risk assessment, compliance with internal policies of the Bank and with the regulatory framework, compliance of sanction terms and conditions and effectiveness of loan administration.

Concentration Risk

Concentration Risk in the context of banking operations generally denotes the risk arising from an uneven distribution of counter- parties in credit or any other business relationship or from a concentration in business sectors or geographical regions which may generate losses large enough to jeopardize the Bank's position. The Bank controls and limits concentration risk by means of appropriate structural limits and borrower limits based on creditworthiness.

Industry Concentration Risk

Industry analysis plays an important part in assessing the industry concentration risk within the loan portfolio. Particular attention is given to industry sectors where the Bank believes there is a high degree of risk or potential for volatility in the future.

Reporting

Regular internal reporting and oversight of assets and guidance to ensure that all types of risk are systematically dealt with is principally differentiated by the credit ratings applied which includes information on large credit exposures, credit concentration, industry exposures, levels of impairment, provisioning and country exposures are being reported to the Credit Committee on a monthly basis.

Non-performing advances

Advances are classified into performing and non-performing advances (NPAs) as per Reserve Bank of India (RBI) guidelines. NPAs are further classified into sub-standard, doubtful and loss assets based on the criteria stipulated by RBI. An asset, including a leased asset, becomes non-performing when it ceases to generate income for the Bank and an NPA is a loan or an advance where Interest and/or instalment of principal remains overdue for a period of more than 90 days in respect of term loan, the account remains "out-of-order" in respect of an Overdraft or Cash Credit (OD/CC), the bill remains overdue for a period of more than 90 days in case of bills purchased and discounted and the regular/ad hoc credit limits have not been reviewed /renewed within 180 days from the due date/ date of ad hoc sanction.

Following is table of non-performing assets and provision as on 31st December 2023

		(Rs.in crores)
Sr. No.	Particulars	December 31, 2023
(i)	Net NPAs to Net Advances (%)	0.02%
(ii)	Movement of NPAs (Gross)	
	(a) Opening Balance	156.22
	(b) Additions during the year.	2.42
	(c) Reductions during the year - Due to upgradation (0.02) - Due to actual recoveries (6.33)	(139.43)
	(d) Closing balance	19.21
(iii)	Movement of Net NPAs	
	(a) Opening balance	10.91
	(b) Additions during the year	0.00
	(c) Reductions during the year	(9.21)
	(d) Closing balance	1.70
(iv)	Movement of provisions for NPAs (excluding provision on standard assets)	
	(a) Opening balance	145.32
	(b) Provisions made during the year	4.98
	(c) Write-off/write-back of excess provisions	(132.79)
	(d) Closing balance	17.51

Credit quality/ Impairment of Loans:

All loans and advances of the Bank are classified according to asset quality, nature and passage of time and at each balance sheet date, the Bank ascertains if there is any impairment in its assets. If such an indication is detected, the Bank estimates the recoverable amount of the assets from the date of identification of credit weaknesses in accordance with RBI guidelines. The irrecoverable amount is treated as an impairment loss and is recognized in the profit and loss account. Standard accounts include all facilities which demonstrate good financial condition, minimum risk factors and capacity to repay in line with the original terms of sanction.

Credit Risk Management

The Bank has standards, policies and procedures dedicated to the monitoring and management of credit risk, which include the following:

- The Credit policy delineates the bank’s maximum exposures to individual customers, customer groups and other risk concentrations. Ensure compliance with lending guidelines to specified market sectors and industries in compliance with RBI guidelines and HO policies.
- Control cross-border exposures to manage country and cross-border risk through the imposition of country limits with sub-limits by maturity and type of business.
- Undertake independent review and objective assessment of credit risk. All commercial credit facilities are subject to review prior to the facilities being committed to customers.
- Maintain and develop the bank’s risk rating framework and systems, in order to classify exposures meaningfully and facilitate focused management of the risks involved. Rating methodologies are based upon a wide range of financial analytics together with market database tools, which are core inputs to the assessment of customer risk. Risk grades are reviewed frequently and amendments, where necessary, are implemented promptly.

Credit risk portfolio including Geographic Distribution (Outstanding)

(Rs. crores)	
Particulars	December 31, 2023
Fund Based	8,152.48
Non Fund Based	763.43
Total	8,915.91

Note:

- Fund base portfolio represents funded loans & advances
- Non fund portfolios are guarantees given on behalf of constituents, Letters of credit, acceptance and endorsements.
- The bank has no overseas operation and hence exposures are restricted to the domestic segment.

Distribution of credit risk portfolio by industry sector as on December 31, 2023:

Industry Name	Funded Exposure	Non Funded-Exposure	Total
A. Mining and Quarrying (A.1 + A.2)	39.54	-	39.54
A.1 Coal	16.16	-	16.16
A.2 Others	23.38	-	23.38
B. Food Processing	128.28	-	128.28
B.1 Sugar	-	-	-
B.2 Edible Oils and Vanaspati	-	-	-
B.3 Tea	-	-	-
B.4 Coffee	-	-	-
B.5 Others	128.28	-	128.28
C. Beverages (excluding Tea & Coffee) and Tobacco	-	0.08	0.08
Of which Tobacco and tobacco products	-	0.08	0.08
D. Textiles (a to f)	488.16	1.37	489.53
a. Cotton	407.80	0.08	407.88
b. Jute	4.42	-	4.42
c. Handicraft/Khadi (Non Priority)	45.88	-	45.88
d. Silk	-	-	-
e. Woolen	-	-	-
f. Others	30.06	1.29	31.35
Out of D (i.e. Total Textiles) to Spinning Mills	-	-	-
E. Leather and Leather products	6.50	0.22	6.72
F. Wood and Wood Products	5.92	-	5.92
G. Paper and Paper Products	53.77	-	53.77
H. Petroleum (non-infra), Coal Products (non-mining) and Nuclear Fuels	-	0.08	0.08
I. Chemicals and Chemical Products (Dyes, Paints, etc.)	569.60	29.98	599.58
I.1 Fertilizers	22.26	-	22.26
I.2 Drugs and Pharmaceuticals	203.92	-	203.92
I.3 Petro-chemicals (excluding under Infrastructure)	-	-	-
I.4 Others	343.42	29.98	373.40
J. Rubber, Plastic and their Products	92.31	2.70	95.01
K. Glass & Glassware	91.67	-	91.67
L. Cement and Cement Products	0.35	-	0.35
M. Basic Metal and Metal Products (M.1 + M.2)	785.64	15.22	800.86
M.1 Iron and Steel	578.38	6.80	585.18
M.2 Other Metal and Metal Products	207.26	8.42	215.68
N. All Engineering (N.1 + N.2)	1,459.34	305.46	1,764.79
N.1 Electronics	1,413.32	295.82	1,709.14
N.2 Others	46.02	9.64	55.66
O. Vehicles, Vehicle Parts and Transport Equipment	666.08	9.00	675.08
P. Gems and Jewelry	-	-	-
Q. Construction	684.24	62.87	747.12
R. Aviation	-	-	-
S. Infrastructure (a to d)	294.18	0.39	294.57
a. Transport (a.1 to a.5)	149.92	0.38	150.30
a.1 Railways	63.54	0.38	63.92
a.2 Roadways	86.38	-	86.38
a.3 Airport	-	-	-
a.4 Waterways	-	-	-
a.5 Others	-	-	-
b. Energy (b1 to b6)	144.26	0.01	144.27
b.1 Electricity (Generation)	19.32	-	19.32
b.1.1 Central Govt PSUs	-	-	-
b.1.2 State Govt PSUs (incl. SEBs)	-	-	-
b.1.3 Private Sector	19.32	-	19.32
b.2 Electricity (Transmission)	-	-	-

SHINHAN BANK, (Incorporated in Korea with Limited Liability)
INDIAN OPERATIONS
Quarter ended 31 December 2023 – Unaudited
Disclosures under the new Capital Adequacy Framework (Basel III Guidelines) Pillar 3 Disclosures

b.2.1 Central Govt PSUs			-
b.2.2 State Govt PSUs (incl. SEBs)			-
b.2.3 Private Sector			-
b.3 Electricity (Distribution)	124.94	-	124.94
b.3.1 Central Govt PSUs			-
b.3.2 State Govt PSUs (incl. SEBs)			-
b.3.3 Private Sector	124.94	-	124.94
b.4 Oil (storage and pipeline)	-	0.01	0.01
b.5 Gas/LNG (storage and pipeline)			-
b.6 Others			-
c. Telecommunication			-
d. Others			-
Of which Water sanitation			-
Of which Social & Commercial Infrastructure			-
T. Other Industries	30.85	115.87	146.72
All Industries (A to T)	5,396.43	543.24	5,939.67
Residuary other advances (to tally with gross advances)	4,001.93	211.27	4,213.20
Total Loans and Advances	9,398.36	754.51	10,152.87

Residual Contractual maturity breaks down of Assets

(Rs. Crores)

MATURITY BUCKETS	Cash, balances with RBI and other Banks	Investment Securities	Loans and Advances*	Other Assets including fixed assets
Day 1	160.74	1,390.27	24.17	77.39
2-7 days	33.77	145.62	444.35	-
8-14 days	45.81	197.53	298.62	-
15-30 days	85.68	369.44	853.58	-
31 Day and upto 2 Month	92.77	400.00	1,369.25	-
2 Month and upto 3 Months	63.09	272.03	967.32	-
Over 3 Month and upto 6 Months	50.83	219.16	680.39	-
Over 6 Months and upto 1 Year	10.09	43.50	557.67	-
Over 1 year and upto 3 years	32.43	136.58	629.02	75.51
Over 3 years and upto 5 years	19.74	85.10	433.88	1.50
Over 5 years	1.96	8.44	1,875.03	446.32
Total	596.91	3,267.67	8,133.28	600.72

* Gross NPA is not included under Loan & Advances

Movement of NPA's and Provision for NPA's

Gross NPAs in various categories (Substandard, doubtful, loss etc.):

(Rs. Crores)

	Particulars	December 31, 2023
A	Amount of NPA's (Gross)	19.21
B	Net NPA's	1.70
C	NPA's ratios	

SHINHAN BANK, (Incorporated in Korea with Limited Liability)**INDIAN OPERATIONS**

Quarter ended 31 December 2023 – Unaudited

Disclosures under the new Capital Adequacy Framework (Basel III Guidelines) Pillar 3 Disclosures

	Gross NPAs to gross advances	0.24%
	Net NPAs to net advances	0.02%
D	Movement of NPA's (Gross)	
	Opening Balance	156.22
	Additions including recoveries	(4.23)
	Reductions	(132.79)
	Closing Balance	19.21
E	Movement of Provision for NPA's	
	Opening Balance	145.32
	Write offs/ Provision made during the year	(127.81)
	Write back of excess provision	0.00
	Closing balance	17.51
F	Amount of Non performing investments and Provisions	Nil
	Amount of provisions held for Non performing investments	Nil
G	Movement of provisions for depreciation on investment	
	Opening Balance	Nil
	Add: Provision made during the year	Nil
	Less: Write back of excess provisions	Nil
	Add: Amortisation of premium on HTM category	Nil
	Closing balance	Nil

5. Disclosures of portfolios under the Standardised Approach:**Qualitative Disclosures:**

As per the RBI guidelines on the Basel II to calculate capital adequacy under the standardised approach for credit risk, require banks to use rating assigned by specific External Credit Assessment Agencies (ECAIs) namely CRISIL, ICRA, Fitch(India) & CARE for domestic counterparties and Standard & Poor's, Moody's and Fitch for foreign counterparties.

The Bank is using issuer ratings, short-term and long-term instrument/bank facilities ratings which are assigned by the accredited rating agencies (as specified by RBI) and published in the public domain to assign risk-weights in terms of RBI guidelines for its customers. In respect of claims on non-resident corporate and foreign banks ratings assigned by international rating agencies (as specified by RBI) is used. For exposures with contractual maturity of less than one year, a short-term rating is used. For cash credit facilities and exposures with contractual maturity of more than one year, long-term rating is used.

The process used by the Bank to transfer public issue ratings onto comparable assets in the banking book is in line with the provisions advised in Reserve Bank of India's Master circular on New Capital Adequacy Framework.

For non-funded advances secured by SBLC, the bank is using the rating assigned by S & P / Fitch / Moody's.

Quantitative Disclosures:

The amount under each credit risk category is as follows:

(Rs. Crores)

Risk Bucket	December 31, 2023
Below 100% Risk Weight	2,004.33

SHINHAN BANK, (Incorporated in Korea with Limited Liability)
INDIAN OPERATIONS
Quarter ended 31 December 2023 – Unaudited
Disclosures under the new Capital Adequacy Framework (Basel III Guidelines) Pillar 3 Disclosures

100% risk weight	2,936.98
More than 100% risk weight	2,425.71
Risk Weighted Assets	7,367.02

Note: The Unhedged foreign currency exposures and QCCP are incorporated in above figure according to risk bucket and additional risk weight on Unhedged FCE, CVA & QCCP considered under below 100% risk weight.

6. Credit Risk Mitigation:

Credit Risk Mitigants (CRM) like financial collateral, non-financial collateral and guarantees are used to mitigate credit risk exposure. Availability of CRM either reduces effective exposure on the borrower (in case of collaterals) or transfers the risk to the more creditworthy party (in case of guarantees). A major part of the eligible financial collaterals is in the form of cash, the most liquid of assets and thus free from any market and liquidity risks

The bank has arrived at credit exposure for the credit risk capital before Credit Risk Mitigation.

7. Securitisation:

Qualitative and Quantitative disclosures:

Securitisation is mainly done in order to diversify the bank's source of funding. The bank has neither securitized any assets nor have any investments in securities issued by any Special Purpose Vehicle (SPV).

8. Market Risks in the trading book/Banking book

Market risk is the risk that movements in foreign exchange rates, interest rates, or equity prices will result in profits or losses to the Bank. The Bank assumes market risk in its lending and deposit taking businesses and in its investment activities, including position taking and trading. The objective of market risk management is to control market risk exposures to achieve an optimal return while maintaining risk at acceptable levels.

The bank monitors the net open position for foreign exchange and undertakes VaR technique as per FEDAI model on FX risk position to estimate the potential loss as a result of movements in market rates. Stress testing on foreign exchange position is carried out to quantify the impact on capital of defined market movements.

9. Operational Risk:

Operational risk is the risk of loss arising from fraud, unauthorized activities, error, omission, inefficiency, systems failure or external events. It is inherent in every business organization and covers a wide spectrum of issues. The Bank has put in place a management approved Operational Risk Management Policy which outlines overall framework for management of Operational Risk.

Strategy and Process

The Bank manages this risk within a control based environment in which processes are laid down and documented and transactions are reconciled and monitored. This is supported by an independent program of periodic reviews undertaken by internal audit, and by monitoring external operational risk events, which ensure that the Bank stays in line with industry best practice and takes account of learning from publicized operational failures within the financial

services industry.

Structure and Organization

The operational risk management responsibility is assigned to senior officials within each business operation. The operational risk loss data is collected and reported to the senior management and to the Bank's Risk Management Committee.

Scope/Nature of Risk reporting/measurement

The Bank has documented its operational risk management policy. One of the major tools for managing operational risk is the well-established internal control system, which includes segregation of duties, clear management reporting lines and adequate operating procedures.

The following measures, which have laid down clear relevant systems, procedures, policies, monitoring and control, are in place to control the operational risk:

- Manuals /Job Cards/Circular /Instructions to ensure adherence to proper systems and procedures
- Risk Based Internal Audit System
- Well laid down policy guidelines covering various activities
- System of monitoring operations and performance
- Delegation of financial powers at appropriate levels
- Appropriate reporting and review system
- System (IT) monitoring with Disaster Recovery System and Business Continuity Plans
- Legal Compliance certificate

For addressing risk of system failure, a Disaster Recovery System is in place. For mitigating risk due to disruption of business, a Business Continuity Plan has been put in place.

10. Interest Rate Risk in the Banking Books (IRRBB)

Interest rate risk is the potential change in Net Interest Income or Economic Value of Equity caused by unexpected changes in market interest rates.

Qualitative Disclosures

Interest Rate Risk:

The banking book is defined as:

- i) Investments held in the Available for Sale (AFS) portfolio.
 - ii) Funding transactions to manage the liquidity of the bank.
- Market risk in non-trading portfolio (banking book) arises principally from mismatches between the future yield on assets and their funding cost, as a result of interest rate changes.

Analysis of this risk incorporates behavioral assumptions regarding the economic duration of liabilities which are contractually repayable on demand, for example, current accounts.

Strategy and Process

When the behavioral characteristics of a product differ from its contractual characteristics, the behavioral characteristics are assessed to determine the true underlying interest rate risk. Asset and Liability Committee (ALCO) regularly monitor all such behavioral assumptions and interest rate risk positions, to ensure that they comply with interest rate risk limits.

Structure and Organization

ALCO is responsible for measuring interest rate risk exposures in accordance with prescribed policies, monitoring and reporting these exposures against the approved limits on a daily basis.

Scope/Nature of Risk reporting/measurement system and mitigation techniques

The Bank monitors the sensitivity of projected net interest income under varying interest rate scenarios. The Bank manages the market risk in banking book, to mitigate the impact of prospective interest rate movements which could reduce future net interest income, whilst balancing the cost of such hedging activities on the current net revenue stream.

Duration Gap Analysis

Bank carries out Duration Gap Analysis (on monthly basis) to estimate the impact of change in Interest Rates on Market Value of Equity (MVE), as per the RBI Guidelines.

Disclosures on Remuneration

The bank’s compensation policies including that of CEO’s, is in conformity with the FSB principles and standards. In accordance with the requirements of the RBI Circular No DBR.NO.BC.72/29.67.001/2011-12 dated 13 January 2012, the Head Office of the bank has submitted a declaration to the RBI confirming the above mentioned aspect.

Leverage Ratio Disclosure

As on December 31, 2023 the leverage ratio is 11.15%. The summary comparison of accounting assets vs leverage ratio exposure measure as per table DF-17 and leverage ratio common disclosure as per table DF-18 are provided as separate annexure to this disclosure.

Quantitative Disclosures:

Earning at Risk (EaR) (For time bucket up to one year)

		(Rs crores)
Assets	Liabilities	Impact on NII
Risk Sensitive Assets	Risk Sensitive Liabilities	(37.51)
Increase by 200 bps	Increase by 200 bps	

Table DF-11: Composition of Capital			
Part II: Template to be used before December 31, 2023			
(i.e. during the transition period of Basel III regulatory adjustments)			
			Rs. In Crores
Basel III common disclosure template to be used during the transition of regulatory adjustments	Amounts Subject to Pre-Basel III Treatment		Ref No.
Common Equity Tier 1 capital: instruments and reserves			
1	Directly issued qualifying common share capital plus related stock surplus (share premium) (Funds from Head Office)	633.19	
2	Retained earnings	939.65	
3	Accumulated other comprehensive income (and other reserves)		
4	Directly issued capital subject to phase out from		

SHINHAN BANK, (Incorporated in Korea with Limited Liability)

INDIAN OPERATIONS

Quarter ended 31 December 2023 – Unaudited

Disclosures under the new Capital Adequacy Framework (Basel III Guidelines) Pillar 3 Disclosures

	CET1 (only applicable to non-joint stock companies)			
	Public sector capital injections grandfathered until January 1, 2018			
5	Common share capital issued by subsidiaries and held by third parties (amount allowed in group CET1)			
6	Common Equity Tier 1 capital before regulatory adjustments	1,572.84		
Common Equity Tier 1 capital : regulatory adjustments				
7	Prudential valuation adjustments			
8	Goodwill (net of related tax liability)			
9	Intangibles other than mortgage-servicing rights (net of related tax liability)	---		
10	Deferred tax assets	(58.29)		
11	Cash-flow hedge reserve			
12	Shortfall of provisions to expected losses			
13	Securitisation gain on sale			
14	Gains and losses due to changes in own credit risk on fair valued liabilities			
15	Defined-benefit pension fund net assets			
16	Investments in own shares (if not already netted off paid-up capital on reported balance sheet)			
17	Reciprocal cross-holdings in common equity			
18	Investments in the capital of banking, financial and insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions, where the bank does not own more than 10% of the issued share capital (amount above 10% threshold)			
19	Significant investments in the common stock of banking, financial and insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions (amount above 10% threshold)			
20	Mortgage servicing rights(amount above 10% threshold)			
21	Deferred tax assets arising from temporary differences(amount above 10% threshold, net of related tax liability)			
22	Amount exceeding the 15% threshold			
23	of which : significant investments in the common stock of financial entities			
24	of which : mortgage servicing rights			
25	of which : deferred tax assets arising from temporary differences			
26	National specific regulatory adjustments (26a+26b+26c+26d)			
26a	of which : Investments in the equity capital of unconsolidated insurance subsidiaries			
26b	of which : Investments in the equity capital of unconsolidated non-financial subsidiaries			
26c	of which : Shortfall in the equity capital of majority owned financial entities which have not been consolidated with the bank			
26d	of which : Unamortised pension funds			

SHINHAN BANK, (Incorporated in Korea with Limited Liability)

INDIAN OPERATIONS

Quarter ended 31 December 2023 – Unaudited

Disclosures under the new Capital Adequacy Framework (Basel III Guidelines) Pillar 3 Disclosures

	expenditures			
	Regulatory Adjustments Applied to Common Equity Tier 1 in respect of Amounts Subject to Pre-Basel III Treatment			
	of which : [INSERT TYPE OF ADJUSTMENT] For example: filtering out of unrealised losses on AFS debt securities (not relevant in Indian context)			
	of which : [INSERT TYPE OF ADJUSTMENT]			
	of which : [INSERT TYPE OF ADJUSTMENT]			
27	Regulatory adjustments applied to Common Equity Tier 1 due to insufficient Additional Tier 1 and Tier 2 to cover deductions			
28	Total regulatory adjustments to Common equity Tier 1	(58.29)		
29	Common Equity Tier 1 capital (CET1)	1,514.55		
Additional Tier 1 capital : instruments				
30	Directly issued qualifying Additional Tier 1 instruments plus related stock surplus (share premium) (31+32)			
31	of which : classified as equity under applicable accounting standards (Perpetual Non-Cumulative Preference Shares)			
32	of which : classified as liabilities under applicable accounting standards (Perpetual debt Instruments)			
33	Directly issued capital instruments subject to phase out from Additional Tier 1			
34	Additional Tier 1 instruments (and CET1 instruments not included in row 5) issued by subsidiaries and held by third parties (amount allowed in group AT1)			
35	of which : instruments issued by subsidiaries subject to phase out			
36	Additional Tier 1 capital before regulatory adjustments			
Additional Tier 1 capital: regulatory adjustments				
37	Investments in own Additional Tier 1 instruments			
38	Reciprocal cross-holdings in Additional Tier 1 instruments			
39	Investments in the capital of banking, financial and insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions, where the bank does not own more than 10% of the issued common share capital of the entity (amount above 10% threshold)			
40	Significant investments in the capital of banking, financial and insurance entities that are outside the scope of regulatory consolidation (net of eligible short positions)			
41	National specific regulatory adjustments (41a+41b)			
41a	Investments in the Additional Tier 1 capital of unconsolidated insurance subsidiaries			
41b	Shortfall in the Additional Tier 1 capital of majority owned financial entities which have not been consolidated with the bank			
	Regulatory Adjustments Applied to Additional			

SHINHAN BANK, (Incorporated in Korea with Limited Liability)
INDIAN OPERATIONS
Quarter ended 31 December 2023 – Unaudited
Disclosures under the new Capital Adequacy Framework (Basel III Guidelines) Pillar 3 Disclosures

	Tier 1 in respect of Amounts Subject to Pre-Basel III Treatment			
	of which : [INSERT TYPE OF ADJUSTMENT e.g. DTAs]			
	of which : [INSERT TYPE OF ADJUSTMENT e.g. existing adjustments which are deducted from Tier 1 at 50%]			
	of which : [INSERT TYPE OF ADJUSTMENT]			
42	Regulatory adjustments applied to Additional Tier 1 due to insufficient Tier 2 to cover deductions			
43	Total regulatory adjustments to Additional Tier 1 capital			
44	Additional Tier 1 capital (AT1)			
44a	Additional Tier 1 capital reckoned for capital adequacy			
45	Tier 1 capital (T1 = CET1 + Admissible AT1) (29 + 44a)	1,514.55		
Tier 2 capital : instruments and provisions				
46	Directly issued qualifying Tier 2 instruments plus related stock surplus			
47	Directly issued capital instruments subject to phase out from Tier 2			
48	Tier 2 instruments (and CET1 and AT1 instruments not included in rows 5 or 34) issued by subsidiaries and held by third parties (amount allowed in group Tier 2)			
49	of which : instruments issued by subsidiaries subject to phase out			
50	Provisions (Please refer to Note to Template Point 50)	76.51		
51	Tier 2 capital before regulatory adjustments	76.51		
Tier 2 capital: regulatory adjustments				
52	Investments in own Tier 2 instruments			
53	Reciprocal cross-holdings in Tier 2 instruments			
54	Investments in the capital of banking, financial and insurance entities that are outside the scope of regulatory consolidation, net of eligible short positions, where the bank does not own more than 10% of the issued common share capital of the entity (amount above the 10% threshold)			
55	Significant investments ¹³ in the capital banking, financial and insurance entities that are outside the scope of regulatory consolidation (net of eligible short positions)			
56	National specific regulatory adjustments (56a+56b)			
56a	of which : Investments in the Tier 2 capital of unconsolidated insurance subsidiaries			
56b	of which : Shortfall in the Tier 2 capital of majority owned financial entities which have not been consolidated with the bank			
	Regulatory Adjustments Applied To Tier 2 in respect of Amounts Subject to Pre-Basel III Treatment			
	of which : [INSERT TYPE OF ADJUSTMENT e.g. existing adjustments which are deducted from			

SHINHAN BANK, (Incorporated in Korea with Limited Liability)
INDIAN OPERATIONS
Quarter ended 31 December 2023 – Unaudited
Disclosures under the new Capital Adequacy Framework (Basel III Guidelines) Pillar 3 Disclosures

	Tier 2 at 50%] of which : [INSERT TYPE OF ADJUSTMENT			
57	Total regulatory adjustments to Tier 2 capital			
58	Tier 2 capital (T2)	76.51		
58a	Tier 2 capital reckoned for capital adequacy	76.51		
58b	Excess Additional Tier 1 capital reckoned as Tier 2 capital			
58c	Total Tier 2 capital admissible for capital adequacy (58a + 58b)	76.51		
59	Total capital (TC = T1 + Admissible T2) (45 + 58c)	1,591.06		
	Risk Weighted Assets in respect of Amounts Subject to Pre-Basel III Treatment of which : [INSERT TYPE OF ADJUSTMENT] of which : ...			
60	Total risk weighted assets (60a + 60b + 60c)	8,214.18		
60a	of which : total credit risk weighted assets	7,367.02		
60b	of which : total market risk weighted assets	223.69		
60c	of which : total operational risk weighted assets	623.47		
Capital ratios				
61	Common Equity Tier 1 (as a percentage of risk weighted assets)	18.44%		
62	Tier 1 (as a percentage of risk weighted assets)	18.44%		
63	Total capital (as a percentage of risk weighted assets)	19.37%		
64	Institution specific buffer requirement (minimum CET1 requirement plus capital conservation and countercyclical buffer requirements, expressed as a percentage of risk weighted assets)	8.00%		
65	of which : capital conservation buffer requirement	2.50%		
66	of which : bank specific countercyclical buffer requirement			
67	of which : G-SIB buffer requirement			
68	Common Equity Tier 1 available to meet buffers (as a percentage of risk weighted assets)	10.67%		
National minima (if different from Basel III)				
69	National Common Equity Tier 1 minimum ratio (if different from Basel III minimum)			
70	National Tier 1 minimum ratio (if different from Basel III minimum)			
71	National total capital minimum ratio (if different from Basel III minimum)			
Amounts below the thresholds for deduction (before risk weighting)				
72	Non-significant investments in the capital of other financial entities			
73	Significant investments in the common stock of financial entities			
74	Mortgage servicing rights (net of related tax liability)			
75	Deferred tax assets arising from temporary differences (net of related tax liability)			
Applicable caps on the inclusion of provisions in Tier 2				
76	Provisions eligible for inclusion in Tier 2 in respect			

SHINHAN BANK, (Incorporated in Korea with Limited Liability)

INDIAN OPERATIONS

Quarter ended 31 December 2023 – Unaudited

Disclosures under the new Capital Adequacy Framework (Basel III Guidelines) Pillar 3 Disclosures

	of exposures subject to standardised approach (prior to application of cap)			
77	Cap on inclusion of provisions in Tier 2 under standardised approach			
78	Provisions eligible for inclusion in Tier 2 in respect of exposures subject to internal ratings-based approach (prior to application of cap)			
79	Cap for inclusion of provisions in Tier 2 under internal ratings-based approach			
Capital instruments subject to phase-out arrangements (only applicable between March 31, 2017 and March 31, 2023)				
80	Current cap on CET1 instruments subject to phase out arrangements			
81	Amount excluded from CET1 due to cap (excess over cap after redemptions and maturities)			
82	Current cap on AT1 instruments subject to phase out arrangements			
83	Amount excluded from AT1 due to cap (excess over cap after redemptions and maturities)			
84	Current cap on T2 instruments subject to phase out arrangements			
85	Amount excluded from T2 due to cap (excess over cap after redemptions and maturities)			
86	Current cap on CET1 instruments subject to phase out arrangements			

Note to the template		
Row No. of the template	Particular	Rs. in Crores
10	Deferred tax assets associated with accumulated losses	
	Deferred tax assets (excluding those associated with accumulated losses) net of Deferred tax liability	58.29
	Total as indicated in row 10	58.29
19	If investments in insurance subsidiaries are not deducted fully from capital and instead considered under 10% threshold for deduction, the resultant increase in the capital of bank	
	of which : Increase in Common Equity Tier 1 capital	
	of which : Increase in Additional Tier 1 capital	
	of which : Increase in Tier 2 capital	
26b	If investments in the equity capital of unconsolidated non-financial subsidiaries are not deducted and hence, risk weighted then :	
(i)	Increase in Common Equity Tier 1 capital	
(ii)	Increase in risk weighted assets	
44a	Excess Additional Tier 1 capital not reckoned for capital adequacy (difference between Additional Tier 1 capital as reported in row 44 and admissible Additional Tier 1 capital as reported in 44a)	
	of which : Excess Additional Tier 1 capital which is considered as Tier 2 capital under row 58b	
50	Eligible Provisions included in Tier 2 capital	76.51
	Eligible Revaluation Reserves included in Tier 2 capital	
	Total of row 50	76.51
58a	Excess Tier 2 capital not reckoned for capital adequacy	

SHINHAN BANK, (Incorporated in Korea with Limited Liability)
INDIAN OPERATIONS
Quarter ended 31 December 2023 – Unaudited
Disclosures under the new Capital Adequacy Framework (Basel III Guidelines) Pillar 3 Disclosures

	(difference between Tier 2 capital as reported in row 58 and T2 as reported in 58a)	
--	---	--

Table DF-12: Composition of Capital – Reconciliation requirements as of December 31, 2023

Step 1

The Scope of regulatory consolidation and accounting consolidation is identical accordingly the step 1 of the reconciliation is not required.

Step 2

Rs. In Crores

			Balance sheet as in published financial statements	Under regulatory scope of consolidation
			As at 31.12.2023	As at 31.12.2023
A		Capital & Liabilities		
	i	Paid-up Capital (funds from HO)	633.19	633.19
		Reserves & Surplus	1,043.60	1,043.60
		Minority Interest		
		Total Capital	1,676.79	1,676.79
	ii	Deposits	10,040.62	10,040.62
		of which : Deposits from banks	71.07	71.07
		of which : Customer deposits	9,969.55	9,969.55
		of which : Other deposits (pl. specify)		
	iii	Borrowings	609.85	609.85
		of which : From RBI	277.00	277.00
		of which : From banks (outside India)	332.85	332.85
		of which : From other institutions & agencies		
		of which : Others (Inter Bank)	0.00	0.00
		of which : Capital instruments		
	iv	Other liabilities & provisions	239.42	239.42
		Total Capital & Liabilities	12,566.68	12,566.68
B		Assets		
	i	Cash and balances with RBI	720.27	720.27
		Balance with banks and money at call and short notice	156.63	156.63

SHINHAN BANK, (Incorporated in Korea with Limited Liability)
INDIAN OPERATIONS

Quarter ended 31 December 2023 – Unaudited

Disclosures under the new Capital Adequacy Framework (Basel III Guidelines) Pillar 3 Disclosures

ii	Investments :	3,267.68	3,267.68
	of which : Government securities	3,267.68	3,267.68
	of which : Other approved securities		
	of which : Shares		
	of which : Debentures & Bonds		
	of which : Subsidiaries/Joint Ventures/ Associates		
	of which : Others (Commercial Papers, Mutual Funds etc.)		
iii	Loans and advances	8,152.48	8,152.48
	of which : Loans and advances to banks		
	of which : Loans and advances to customers	8,152.48	8,152.48
iv	Fixed assets	6.64	6.64
v	Other assets	262.98	262.98
	of which : Goodwill and intangible assets		
	of which : Deferred tax assets	58.29	58.29
	Goodwill on consolidation		
	Debit balance in Profit & Loss account		
Total Assets		12,566.68	12,566.68

Step 3

Rs. In Crores

Common Equity Tier 1 capital: instruments and reserves			
		Component of regulatory capital reported by bank	Source based on reference numbers/letters of the balance sheet under the regulatory scope of consolidation from
1	Directly issued qualifying common share (and equivalent for non- joint stock companies) capital plus related stock surplus	633.19	
2	Retained earnings	939.65	
3	Accumulated other comprehensive income (and other reserves)		
4	Directly issued capital subject to phase out from CET1 (only applicable to non-joint stock companies)		
5	Common share capital issued by subsidiaries and held by third parties (amount allowed in group CET1)		
6	Common Equity Tier 1 capital before regulatory adjustments	1,572.84	
7	Prudential valuation adjustments		
8	Goodwill (net of related tax liability)		
9	Other intangibles other than mortgage-servicing rights (net of related tax liability)		
10	Deferred tax assets that rely on future profitability excluding those arising from temporary differences (net of related tax	(58.29)	

SHINHAN BANK, (Incorporated in Korea with Limited Liability)
INDIAN OPERATIONS
Quarter ended 31 December 2023 – Unaudited
Disclosures under the new Capital Adequacy Framework (Basel III Guidelines) Pillar 3 Disclosures

	liability)		
11	Regulatory adjustments applied to Common Equity Tier 1 and Tier 2 to cover deductions		
12	Common Equity Tier 1 capital (CET1)	1,514.55	

Table DF 17 – Summary comparison of accounting assets vs. leverage ratio exposure measure as of December 31, 2023

Sl. No	Particulars	Rs. In Crores
1	Total consolidated assets as per published financial statements	12,566.68
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 fiduciary assets recognised on the balance sheet pursuant to the operative accounting framework but excluded from the leverage ratio exposure measure	(58.29)
4	Adjustments for derivative financial instruments	41.50
5	Adjustment for securities financing transactions (i.e. repos and similar secured lending)	28.73
6	Adjustment for off-balance sheet items (i.e. conversion to credit equivalent amounts of off- balance sheet exposures)	1,001.68
7	Other adjustments	-
8	Leverage ratio exposure	13,580.30

Table DF 18: Leverage ratio common disclosure template as of December 31, 2023

Sl. No	Particulars	Rs. In Crores
On-balance sheet exposures		
1	On-balance sheet items (excluding derivatives and SFTs, but including collateral)	12,566.68
2	(Asset amounts deducted in determining Basel III Tier 1 capital)	(58.29)
3	Total on-balance sheet exposures (excluding derivatives and SFTs) (sum of lines 1 and 2)	12,508.39
Derivative exposures		
4	Replacement cost associated with all derivatives transactions (i.e. net of eligible cash variation margin)	2.70
5	Add-on amounts for PFE associated with all derivatives transactions	38.80
6	Gross-up for derivatives collateral provided where deducted from the balance sheet assets pursuant to the operative accounting framework	-
7	(Deductions of receivables assets for cash variation margin provided in derivatives transactions)	-
8	(Exempted CCP leg of client-cleared trade exposures)	-
9	Adjusted effective notional amount of written credit derivatives	-
10	(Adjusted effective notional offsets and add-on deductions for written credit derivatives)	-
11	Total derivative exposures (sum of lines 4 to 10)	41.50
Securities financing transaction exposures		
12	Gross SFT assets (with no recognition of netting), after adjusting for sale accounting transactions	28.73

SHINHAN BANK, (Incorporated in Korea with Limited Liability)

INDIAN OPERATIONS

Quarter ended 31 December 2023 – Unaudited

Disclosures under the new Capital Adequacy Framework (Basel III Guidelines) Pillar 3 Disclosures

13	(Netted amounts of cash payables and cash receivables of gross SFT assets)	-
14	CCR exposure for SFT assets	-
15	Agent transaction exposures	-
16	Total securities financing transaction exposures (sum of lines 12 to 15)	28.73
Other off-balance sheet exposures		
17	Off-balance sheet exposure at gross notional amount	2,656.80
18	(Adjustments for conversion to credit equivalent amounts)	(1,655.12)
19	Off-balance sheet items (sum of lines 17 and 18)	1,001.68
Capital and total exposures		
20	Tier 1 capital	1,514.55
21	Total exposures (sum of lines 3, 11, 16 and 19)	13,580.30
Leverage ratio		
22	Basel III leverage ratio	11.15%