

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

1. Background

The Standard Chartered Group (SCB Group or the Group) is an international banking and financial services group particularly focused on the markets of Asia, Africa and the Middle East. Standard Chartered Bank is regulated by the Financial Conduct Authority and Prudential Regulation Authority in the United Kingdom (UK).

SCB India (SCBI or the Bank) is a branch of Standard Chartered Bank UK, which is part of the SCB Group. The ultimate parent company of the Bank is Standard Chartered PLC, which is listed on the London Stock Exchange and the Stock Exchanges of Hong Kong and India. Indian branch operations are conducted in accordance with the banking license granted by the Reserve Bank of India (RBI) under the Banking Regulation Act 1949.

2. Overview

The Basel Committee on Banking Supervision published a framework for International Convergence of Capital Measurement and Capital Standards (commonly referred to as Basel II), which replaced the original 1988 Basel I Accord. The RBI adopted the same in Mar 2008. The Basel III implementation schedule for India has commenced from 1 April 2013 and is phased in through to 31 Mar 2020. Accordingly, for 30 Sep 2018 reporting purposes, the Bank has calculated its Pillar 1 capital requirement based on Basel III norms.

Basel III is structured around three “pillars” which are outlined below:

- Pillar 1 sets out minimum regulatory capital requirements – the minimum amount of regulatory capital banks must hold against the risks they assume;
- Pillar 2 sets out the key principles for supervisory review of a bank’s risk management framework and its capital adequacy. It sets out specific oversight responsibilities for the Board and senior management, thus reinforcing principles of internal control and other corporate governance practices; and
- Pillar 3 aims to bolster market discipline through enhanced disclosure by banks.

Basel III provides three approaches of increasing sophistication to the calculation of credit risk capital; the Standardised Approach (SA), the Foundation Internal Ratings Based Approach and the Advanced Internal Ratings Based Approach (IRB). Basel II also introduced capital requirements for operational risk (OR) for the first time.

3. DF 1 - Scope of Application

Name of the head of the banking group to which the framework applies: Standard Chartered Bank, India Branches

DF 1 - Qualitative Disclosures

3.1. Pillar 1

The SCB Group and local management of the Indian operations recognise that Basel III is a driver for continuous improvement of risk management practices and believe that adoption of leading risk management practices are essential for achieving its strategic intent. Accordingly, the Group has adopted the IRB model for the measurement of credit risk covering substantial majority of the portfolio. The Group applies Internal Models Approach for market risk capital and the Standardised Approach for determining its OR capital requirements. SCBI has adopted RBI’s prevailing Basel III regulations related to SA for credit and market risk and Basic Indicator Approach (BIA) for OR for computing local regulatory Pillar 1 capital.

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Pillar 2 requires banks to undertake a comprehensive assessment of their risks and to determine the appropriate amounts of capital to be held against these risks where other suitable mitigants are not available. This risk and capital assessment is commonly referred to as an Internal Capital Adequacy Assessment Process (ICAAP). The range of risks that need to be covered by the ICAAP is much broader than Pillar 1, which covers only credit risk, market risk and OR.

The Group has developed an ICAAP framework which closely integrates the risk management and capital assessment processes and ensures that adequate levels of capital are maintained to support the current and projected demand for capital under expected and stressed conditions. The ICAAP framework has been designed to be applied consistently across the organisation to meet the Pillar 2 requirements of local regulators. As a branch of a foreign bank in India, the India ICAAP is largely based on the Group ICAAP framework, so as to maintain consistency in reporting of the risk and capital management aspects. However, wherever necessary, local customisation has been incorporated to align with the RBI requirements.

3.3. Pillar 3

Pillar 3 aims to provide a consistent and comprehensive disclosure framework that enhances comparability between banks and further promotes improvements in risk management practices. The Bank has implemented the requirements laid down by RBI for Pillar 3 disclosure, covering both the qualitative and quantitative items. These are also published in the Bank's annual report and hosted on the Bank's website.

The risk related disclosures and analysis provided herein below, are primarily in the context of the disclosures required under the RBI's Pillar 3 – Market Discipline of the Basel III Capital Regulations and are in respect of SCBI, except where required and specifically elaborated, to include other Group entities operating in India. The information provided has been reviewed by senior management and is in accordance with the guidelines prescribed by the RBI.

3.4. Accounting and Prudential Treatment / Consolidation Framework

The consolidation norms for accounting are determined by the prevailing Indian Generally Accepted Accounting Principles (GAAP). The regulatory requirements are governed by RBI guidelines. The differences between consolidation for accounting purposes and regulatory purposes are mainly on account of following reasons:

- 1) Control over other entities to govern the financial and operating policies of the subsidiaries or joint ventures

As per Indian GAAP, existence of control/joint control to govern the financial and operating policies of the subsidiary or joint venture is necessary for accounting consolidation. However, certain entities such as Non Banking Finance Companies (NBFC) have to be consolidated for regulatory capital adequacy purposes even where the above requirement is not fulfilled. Such cases are where the ability to control financial and operating policies of the entities legally vests with the Parent or Group entities and not with the India branch operations.

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2) Nature of business of the entities to be consolidated

As per Indian GAAP, subsidiaries are not excluded from consolidation because of dissimilar nature of business activities between subsidiary and other entities within the Group. However, RBI regulations do not require consolidation of entities engaged in insurance business and businesses not pertaining to financial services.

3) Method of consolidation

The accounting consolidation methodology requires 'line by line' consolidation and elimination of all inter-group balances. However, for the purpose of regulatory consolidation under the capital adequacy framework, the risk weighted assets (RWA) and capital requirements for each entity can be computed separately by applying the Basel III norms as applicable for a bank and simply added together with that of the lead bank in the consolidated group. The Bank has adopted the latter approach for consolidation of entities for limited purpose of capital adequacy framework, as the accounting consolidation method is not appropriate considering the legal ownership pattern of the consolidated entities.

List of group entities considered for consolidation for regulatory purposes is summarised below:

Name Of The Entity / Country Of Incorporation	Whether The Entity Is Included Under Accounting Scope Of Consolidation (Yes / No)	Explain The Method Of Consolidation	Whether The Entity Is Included Under Regulatory Scope Of Consolidation (Yes / No)	Explain The Method Of Consolidation	Explain The Reasons For Difference In The Method Of Consolidation	Explain the reasons if consolidated under only one of the scopes of consolidation
Standard Chartered Bank, India Branches	Yes	Full	Yes			
Standard Chartered Investments and Loans (India) Limited	No	Not Applicable	Yes			
Standard Chartered Securities (India) Limited	No	Not Applicable	Yes			
St. Helen's Nominees India Private Limited	No	Not Applicable	Yes		For the purpose of regulatory consolidation under the capital adequacy framework, the RWA and capital requirements for each entity can be computed separately by applying the Basel III norms as applicable for a bank and simply added together with that of the lead bank in the consolidated group. The Bank has adopted this approach for consolidation of entities for limited purpose of capital adequacy framework, as the accounting consolidation method is not appropriate considering the legal ownership pattern of the consolidated entities.	

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List of group entities in India not considered for consolidation both under the accounting and regulatory scope of consolidation:

(₹ in 000s)						
Name Of The Entity /Country Of Incorporation	Principle activity of the entity	Total balance sheet equity (as stated in the accounting balance sheet of the legal entity)	% of bank's holding in the total equity	Regulatory treatment of bank's investments in the capital instruments of the entity	Total balance sheet assets(as stated in the accounting balance sheet of the legal entity)	
Standard Chartered Global Business Services Private Limited	The company renders the following services to related parties: a) Software development, maintenance & support b) Back office transaction processing and data processing of various banking transactions c) IT support d) Voice call centre services	83,116	0%	Not Applicable	13,946,980	
Standard Chartered Finance Private Limited	Marketing services of financial products of Standard Chartered Bank and its Home Assist division provides search and other property related services.	71,907	0%	Not Applicable	818,509	
Standard Chartered (India) Modeling And Analytics Centre Private Limited.	The company is a captive knowledge process outsourcing company which provides robust and contemporary analytical solutions to the Bank's businesses across the globe for the purpose of risk management and capital management.	500,000	0%	Not Applicable	669,339	
Standard Chartered Private Equity Advisory (India) Private Limited	The company is a research unit for Merlion India Fund carrying on activities of industry research and advice by furnishing industry and market feedback.	24,000	0%	Not Applicable	558,537	

Note: The above data is as per audited results as at 31 Mar 2018.

DF 1 - Quantitative Disclosures

List of group entities considered for regulatory consolidation:

(₹ in 000s)			
Name Of The Entity /Country Of Incorporation	Principle activity of the entity	Total balance sheet equity (as stated in the accounting balance sheet of the legal entity)	Total balance sheet assets(as stated in the accounting balance sheet of the legal entity)
Standard Chartered Bank, India Branches	Banking and Financial services	74,400,742	1,392,644,267
Standard Chartered Investments and Loans (India) Limited	Financial services acceptable for NBFC, other than accepting public deposits eg. lending, investments, etc.	4,543,850	14,144,197
Standard Chartered Securities (India) Limited	Category I merchant banker, rendering brokering services to retail clients and depository services	2,818,557	2,866,234

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St. Helen's Nominees India Private Limited	Nominee business - holding shares / debentures in limited companies on behalf of SCBI and its clients. Security trusteeship business for SCBI.	100	28,532
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Note: The above data is as per audited results as at 31 Mar 2018.

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
The aggregate amounts (e.g., current book value) of the bank's total interests in insurance entities, which are risk-weighted, as well as, their name, their country of incorporation or residence, the proportion of ownership interest and, if different, the proportion of voting power in these entities. In addition, indicate the quantitative impact on regulatory capital of using this method versus using the deduction.	NIL
Any restrictions or impediments on transfer of funds or regulatory capital within the banking group.	As per extant RBI guidelines

4. DF 2 - Capital Adequacy

DF 2 - Qualitative Disclosures

4.1. Objectives

The Bank's capital management approach is driven by its desire to maintain a strong capital base to support the development of its business and to meet regulatory capital requirements at all times.

4.2. Approach

Strategic, business and capital plans are drawn up annually covering a one to five year horizon. The plans ensure that adequate levels of capital and an optimum mix are maintained by the Bank to support its strategy. This is integrated with the Bank's annual planning process which takes into consideration business growth assumptions across products and the related impact on capital resources.

The capital plan takes the following into account:

- Regulatory capital requirements and assessment of future standards;
- Demand for capital due to business growth, market stresses and potential risks; and
- Available supply of capital and capital raising options.

The Group uses internal models and other quantitative techniques in its internal risk and capital assessment at an overall Group level. The Bank also considers additional risk types other than those considered under Pillar 1 as part of its ICAAP. Each material risk is assessed, relevant mitigants considered, and appropriate levels of capital determined.

Stress testing and scenario/sensitivity analysis are used to assess the Bank's ability to sustain operations during periods of extreme but plausible events. They provide an insight into the potential impact of significant adverse events on the Bank's earnings, risk profile and capital position and how these could be mitigated.

The capital that the Bank is required to hold by the RBI is mainly determined by its balance sheet, off-balance sheet and market risk positions, after applying collateral and other risk mitigants.

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018**4.3. Governance**

The Group operates processes and controls to monitor and manage capital adequacy across the organisation. At a country level, capital is maintained on the basis of the local regulator's requirements. It is overseen by the country Asset and Liability Committee (ALCO), which is responsible for managing the country balance sheet, capital and liquidity, with the active support and guidance from Group ALCO (GALCO), Operational Balance Sheet Committee (OBSC) and Group Treasury (GT). The responsibility of capital management has been assigned to a dedicated sub-group of ALCO, the Capital Management Forum (CMF). The capital management process is governed by the Capital Planning Framework.

Suitable processes and controls are in place to monitor and manage capital adequacy and ensure compliance with local regulatory ratios in all legal entities. These processes are designed to ensure that each entity and the consolidated Bank have sufficient capital available to meet local regulatory capital requirements at all times.

4.4. Mobility of Capital Resources

The Bank operates as a branch in India, hence under current RBI regulations it cannot raise capital externally. The Group's policy in respect of profit repatriation requires that each local entity should remit its profits that are considered surplus to local regulatory minimum requirements. The amount to be remitted/injected and the mix/mode of capital (CET 1 v/s Tier 2) is determined in conjunction with GT, after taking into account local capital adequacy regulations (inclusive of any regulatory buffers), anticipated changes to those regulations, forecast organic growth and Head Office (HO) return expectations.

4.5. Capital Structure

CET 1/Tier 1 capital mainly comprises of:

- i) Capital funds injected by HO.
- ii) Net profits of each year retained as per statutory norms (currently 25%).
- iii) Remittable net profits retained in India for meeting regulatory capital requirements.
- iv) Capital reserves created out of profits on account of sale of immovable properties and held to maturity investments, as per RBI regulations.

The above are not repatriable/distributable to HO as long as the Bank operates in India.

Tier 2 capital mainly comprises of:

- i) 45% of reserve created on revaluation of immovable properties in accordance with the Indian GAAP.
- ii) General provisions on standard (performing) assets created as per RBI regulations.
- iii) Reserve created out of unrealised gain on revaluation of investments as per RBI regulations.

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DF 2 - Quantitative Disclosures

Capital and RWA

As at 30 Sep 2018

(₹ in 000s)

	Solo bank*	Consolidated bank*
Tier 1 Capital :	237,018,699	247,895,481
Common Equity Tier I	237,018,699	247,895,481
Head Office Capital	74,400,742	74,400,742
Paid up capital	-	7,362,507
Eligible reserves	170,865,301	173,561,300
Benefit of DTA	-	-
Illiquid securities reserves	(639,146)	(639,146)
Intangible assets (excluding DTA)	(2,121)	(63,395)
Other regulatory adjustments	(58,846)	(58,846)
DTA deduction (Net of Benefit)	(7,547,229)	(6,667,681)
DTA Benefit	-	-
Total Tier 1 Capital	237,018,699	247,895,481
Additional Tier I	-	-
Tier 2 Capital :	9,287,093	9,331,581
Eligible revaluation reserves	2,291,754	2,291,754
General provision and other eligible reserves/provisions	6,995,339	7,039,827
Debt capital instruments eligible to be reckoned as capital funds and included in Lower Tier 2 (of which amount raised during the year Rs. Nil)	-	-
Less: Amortisation of qualifying subordinated debts	-	-
Other regulatory adjustments	-	-
Total capital base	246,305,792	257,227,062
Minimum regulatory capital requirements		
Credit risk	118,036,498	119,576,500
Standardised approach portfolios	94,910,184	96,225,249
Securitisation exposures	1,839,275	1,839,275
Counterparty/settlement risks	15,768,600	15,768,600
Benefit of DTA	5,518,438	5,743,376
Market risk - Standardised duration approach	13,065,691	13,071,195
Interest rate risk	12,411,333	12,411,333
Foreign exchange risk (including gold)	607,500	607,500
Equity risk	46,858	52,362
Counterparty/settlement risks	-	-
Operational risk - Basic indicator approach	13,063,485	13,338,437
Total minimum regulatory capital requirements	144,165,674	145,986,132

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Risk weighted assets and contingents

Credit risk	1,311,516,640	1,328,627,786
Market risk (including counterparty/settlement risks)	145,174,342	145,235,497
Operational risk - Basic indicator approach	145,149,836	148,204,856
Total Risk weighted assets and contingents	1,601,840,818	1,622,068,139
Capital ratios		
Common Equity Tier 1 capital	14.80%	15.28%
Tier 1 capital	14.80%	15.28%
Tier 2 capital	0.58%	0.58%
Total capital	15.38%	15.86%

As at 30 Sep 2017

	Solo bank*	Consolidated bank* (₹ in 000s)
Tier 1 Capital :	224,980,341	235,533,788
Common Equity Tier I	224,980,341	235,533,788
Head Office Capital	74,400,742	74,400,742
Paid up capital	-	7,362,507
Eligible reserves	165,070,824	167,554,713
Benefit of DTA	-	-
Illiquid securities reserves	(581,542)	(581,542)
Intangible assets (excluding DTA)	(8,486)	(112,837)
Other regulatory adjustments	(110)	(110)
DTA deduction (Net of Benefit)	(13,901,088)	(13,089,685)
Additional Tier I	-	-
Tier 2 Capital :	10,720,960	10,795,879
Eligible revaluation reserves	2,291,754	2,291,754
General provision and other eligible reserves/provisions	8,429,206	8,504,125
Debt capital instruments eligible to be reckoned as capital funds and included in Lower Tier 2 (of which amount raised during the year Rs. Nil)	-	-
Less: Amortisation of qualifying subordinated debts	-	-
Other regulatory adjustments	-	-
Total capital base	235,701,301	246,329,667

Minimum regulatory capital requirements

Credit risk	116,187,208	118,464,972
Standardised approach portfolios	91,172,438	93,231,007
Securitisation exposures	1,837,464	1,837,464
Counterparty/settlement risks	17,789,386	17,789,386
Benefit of DTA	5,387,919	5,607,115
Market risk - Standardised duration approach	12,797,111	12,804,977
Interest rate risk	12,172,329	12,172,329
Foreign exchange risk (including gold)	607,500	607,500
Equity risk	17,282	25,148
Counterparty/settlement risks	-	-
Operational risk - Basic indicator approach	13,857,598	14,166,254
Total minimum regulatory capital requirements	142,841,917	145,436,203

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Risk weighted assets and contingents

Credit risk	1,290,968,974	1,316,278,422
Market risk <i>(including counterparty/settlement risks)</i>	142,190,121	142,277,519
Operational risk - Basic indicator approach	153,973,314	157,402,823
Total Risk weighted assets and contingents	1,587,132,409	1,615,958,763
Capital ratios		
Common Equity Tier 1 capital	14.18%	14.58%
Tier 1 capital	14.18%	14.58%
Tier 2 capital	0.67%	0.67%
Total capital	14.85%	15.24%

* Solo Bank represents the main licensed bank of the Group in India and consolidated bank includes Group controlled entities operating in India and consolidated for the limited purpose of capital adequacy framework.

5. Risk Management

The Bank has a strong governance culture and framework for risk management. The Bank's risk management principles align with those established at a Group level, and are customised to meet the local regulatory requirements. One of the main risks incurred arises from extending credit to clients through trading and lending operations. Beyond credit risk, the Bank is also exposed to a range of other risk types such as market, operational, liquidity, pension, country cross border, reputational, strategic and other risks that are inherent to its strategy, product range and geographical coverage.

5.1. Risk Management Framework

The Bank adds value to clients and generates returns for shareholders by taking and managing risk in line with strategy and risk appetite. Risk management is the set of end-to-end activities through which the Bank makes risk-taking decisions and controls and optimises its risk-return profile. It is a Bank-wide activity and starts right at the front-line.

The management of risk lies at the heart of the Bank's business, as a central role of the Bank is to "warehouse" risk by extending credit to selected clients and to provide products which enable clients to lay off their price and liquidity risks to the Bank. Effective risk management is a central part of the financial and operational management of the Bank and fundamental to its ability to generate profits consistently and maximise the interest of its shareholders and other stakeholders.

The foundation of all risk assessment is aligned to the Group's Enterprise Risk Management Framework ("ERMF") and governance structure which has been adopted locally. The Group's ERMF establishes common principles and standards for the management of and control of all risks, and to inform behaviour across the organisation. The core components of the ERMF include risk culture, principle risk types, source of authorities, enterprise risk identification, assessment, mitigation & monitoring.

Under this framework, there are three lines of defence.

- The First Line of Defence is business and functions engaged in or supporting revenue generating activities that own and manage the risks.

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- The Second Line of Defence comprises the Risk Framework Owners (“RFOs”) supported by their respective control functions. The control functions independent of the First Line that provide oversight and challenge of risk management to provide confidence to the GCRO, the Senior Management and the Board.
- The Third Line of Defence is the Internal Audit function that provides independent assurance of the effectiveness of controls that support First Line’s risk management of business activities, and the processes maintained by the Second Line.

5.2. Risk Governance

The Group’s committee governance structure ensures that risk-taking authority and risk management policies are cascaded down from the GALCO and Group Chief Risk Officer to the appropriate functional and divisional committees. Information regarding material risk issues and compliance with policies and standards is communicated through the business and functional committees up to the Group-level committees, as appropriate.

The Country Management Team (CMT) drives and executes the business and governance agenda bringing alignment across the business and the functions so as to maximise and protect the value of the Group’s operations in India. It is responsible for the overall strategic direction of the Bank. It is chaired by Country Chief Executive Officer (CEO) and comprises senior executive members of the Bank.

The following committees are the primary committees with oversight of risk and capital for the Bank:

1. ALCO – responsible for the management of capital and liquidity and the establishment of and compliance with policies relating to balance sheet management, including management of the Bank’s liquidity and capital adequacy. It includes the CEO, Chief Financial Officer (CFO), Country Chief Risk Officer (CCRO) and members from the businesses and economist.
2. Country Risk Committee (CRC) – responsible for the effective management of risks in support of business strategy within the boundaries set by the CMT and business level risk committees. It is responsible for implementing the ERMF, including assignment of the roles and responsibilities of RFOs locally. It is also responsible for ensuring that the risk exposures for all types of risks, including liquidity risk, remain within the overall risk appetite and within any specific boundaries advised by CMT and business risk committees. It includes the CEO, CCRO, CFO and members from the businesses and compliance.

Key sub-committees / forums include:

- A. The Liquidity Management Forum (LMF) is a sub-group of the ALCO which manages liquidity. It includes members from Finance, Asset Liability Management (ALM) and the businesses.
- B. The CMF is a sub-group of the ALCO which manages capital. It includes members from Finance, Risk and the businesses.
- C. The Stress Test Forum (STF) is a sub-committee of the CRC which is responsible for reviewing the results of ongoing stress testing including for ICAAP. It includes members from the Finance and Risk functions and the Country Economist.

The Country Operational Risk Committee (CORC) is a sub-committee of the CRC which exercises oversight of the Bank’s OR exposures to ensure that it is aligned with the Bank’s ERMF. The CORC reviews the Bank’s significant risk exposures and ensures appropriateness and adequacy of mitigating action plans.

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- D. The Credit Issues Committee (CIC) is a sub-committee of the CRC which is responsible for identifying and monitoring corporate clients which show potential signs of weakness and/or may be exposed to higher risks. The CIC reviews the existing Early Alert, Retail and Group Special Assets Management (GSAM) portfolio and new accounts presented to the committee.

5.3. The Risk function

The CCRO manages the Risk function which is independent of the businesses. The role of the Risk function is:

- To maintain the ERMF, ensuring it remains appropriate to the Bank's activities and is effectively communicated and implemented across the Bank and for administering related governance and reporting processes.
- To uphold the integrity of the Bank's risk/return decisions, and in particular for ensuring that risks are properly assessed, that risk/return decisions are made transparently on the basis of this proper assessment, and are controlled in accordance with its standards and risk appetite.
- To exercise direct risk control ownership for credit, market, country cross-border, liquidity and operational risk types.

The Risk function is independent of the origination, trading and sales functions to ensure that the necessary balance in risk/return decisions is not compromised by short-term pressures to generate revenues. This is particularly important given that most revenues are recognised immediately while losses arising from risk positions only manifest themselves over time.

In addition, the Risk function is a centre of excellence that provides specialist capabilities of relevance to risk management processes in the wider organisation.

5.4. Risk Appetite/Tolerance

The Group/Bank manages its risks to build a sustainable franchise in the interests of all stakeholders. The Group Risk Tolerance Statement is the Standard Chartered PLC's Board of Directors' articulation of the amount of risk that the Group is willing to take in the pursuit of its strategic goals. The Risk Tolerance benchmarks provide a lens to identify risks and concentrations that may cause the Group to exceed its risk appetite. Within the Bank, these risks and concentrations are addressed and governed by various policies and frameworks (eg. ERMF, Local Lending Policy, Liquidity Risk Framework, etc) which contain specific limits and parameters (i.e., risk thresholds) to manage them. A consolidation of the key thresholds is monitored on an on-going basis through SCB India ERMF.

5.5. Stress Testing

Stress testing and scenario analysis are used to assess the Bank's ability to maintain operations during periods of severe but plausible stress conditions and to simulate the set of feasible management mitigating actions and their impact on the Bank's earnings, risk profile and capital position, should such conditions materialise. These conditions may arise from economic, liquidity, legal, political or physical events, or from materialisation of risks that are unique to the Bank.

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The stress testing framework is designed to:

- Contribute to the setting and monitoring of the Bank's ability to take risk;
- Identify the key risks to strategy, financial position and reputation;
- Support the development of mitigating actions and contingency plans;
- Ensure effective governance, processes and systems are in place to co-ordinate and integrate stress testing;
- Inform senior management; and
- Ensure adherence to regulatory requirements.

A Group level equivalent of STF, led by the Risk function with participation from the businesses, Group Finance, Global Research and GT, aims to ensure that the earnings and capital implications of specific stress scenarios are fully understood allowing informed mitigation actions and construction of contingency plans. This group forum generates and considers pertinent and plausible scenarios that have the potential to adversely affect the Group/Bank's business.

The India STF leverages on work done by Group and, in addition, reviews scenarios specific to the local context, including for ICAAP. Stress tests/impact analysis done in India during 2018-19 included impact of trade wars, currency depreciation, oil price surge on the SCB India portfolio as well as RBI mandated bottom-up stress test, derivatives portfolio stress test, liquidity and price risk stress tests, etc.

6. DF 3 - Credit Risk: General disclosures

DF 3 - Qualitative Disclosures

Credit risk is the potential for loss due to the failure of counterparty to meet its obligations to pay the Bank in accordance with agreed terms. Credit exposures may arise from both, the banking and trading books.

Credit risk is managed through a framework that sets out policies and procedures covering the measurement and management of credit risk. There is a clear segregation of duties between transaction originators who are in the business units and approvers in the risk function. All credit exposure limits are approved within a defined credit approval authority framework.

6.1. Credit Policies

Group-wide credit policies and standards are considered and approved by the Group Risk Committee (GRC), which also oversees the delegation of credit approval and loan impairment provisioning authorities. Policies and procedures specific to each business are established and provide the outline for how credit risk should be monitored and managed in the Bank. These Group policies/procedures are customised locally to incorporate any local regulatory and governance needs.

6.2. Credit Assessment Process

For Corporate and Institutional (C&I) Clients

A pre-sanction appraisal is carried out by the relationship manager team through a Business Credit Application (BCA). BCAs are reviewed and duly approved by the credit officer based on the authority delegation given to him. Every account is graded using an alphanumeric grading system for quantifying the risks associated with the counterparty. The grading is based on a Probability of Default (PD) measure, with clients analysed against a range

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of quantitative and qualitative measures. The numeric grades run from 1 to 14 and some of the grades are further sub-classified A, B or C. Lower credit grades are indicative of a lower likelihood of default. Credit grades 1A to 12C are assigned to performing clients or accounts, while credit grades 13 and 14 are assigned to non-performing or defaulted clients. The Bank's credit grades are not intended to replicate external credit grades, and ratings assigned by external ratings agencies are not used in determining the Bank's internal credit grades. Nonetheless, as the factors used to grade a borrower may be similar, a borrower's poor external rating is kept in mind while assessing his internal credit grade.

Nominal Limits, Loss Given Default (LGD), Expected Loss, Exposure At Default (EAD) and RWA (as per AIRB) are used in the assessment of individual exposures and portfolio analysis. LGD is the credit loss incurred if an obligor defaults. Nominal Limits are used in the delegation of credit approval authority and must be calculated for every transaction to determine the appropriate level of approval. In accordance with the credit authority delegation, significant exposures are reviewed and approved centrally through a credit committee. All the credit facilities are subject to an annual credit review process.

The Bank's Credit Policy, including local/governance/regulatory needs, requires strict adherence to laid down credit procedures and deviations, if any, are approved and captured through the credit appraisal process. Deviation from pre defined policy and procedures/local regulations are flagged off and approved by the relevant authority, if allowed, to ensure that deviations are justified and appropriately approved to avoid any undue loss/risk to the Bank.

For Retail Clients

Standard application forms are used, which are processed in central units using largely automated processes. Where appropriate to the client, product or market, a manual approval process by SCB officers is in place. Origination and approval roles are segregated.

Distribution of credit products through the new business channel is governed by the New Business Management and Risk Policy and Procedures, which among other requirements, lays down policies governing recruitment, verification, training and monitoring of sales staff. Credit decisions are independent of the sales/marketing functions and there are clear and specific delegated authorities. Regular assurance reviews through Control Self Testing/Key Control Indicators and audits ensure compliance to policy and delegated authorities.

Credit grades, where used, are based on PD calculated using IRB score models. These models are based on application and behavioural scorecards which make use of external credit bureau information as well as the Bank's own data. In case of portfolios where such IRB models / credit grades have not yet been developed, the PD is calculated using portfolio delinquency flow rates and expert judgment, where applicable. An alphanumeric grading system identical to that for C&I clients is used as an index of portfolio quality.

6.3. Credit Approval

All credit approval authorities are delegated by the Group Credit Approval Committee (CAC) to individuals based on their judgment and experience and based on a risk-adjusted scale which takes account of the estimated maximum potential loss from a given client or portfolio. Credit origination and approval roles are segregated in all exposures.

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

6.4. Credit Monitoring

The Bank monitors its credit exposures and assesses the impact of trends in the macroeconomic environment which may impact its portfolio performance.

For C&I clients, clients or portfolios are placed on 'Early Alert' when they display signs of actual or potential weakness. For example, where there is a decline in the client's position within the industry, financial deterioration, a breach of covenants, non-performance of an obligation within the stipulated period or there are concerns relating to ownership or management. Such accounts are subjected to a dedicated process overseen by the CIC. Client account plans, documentation for existing facilities, and credit grades are re-evaluated. In addition, remedial actions are agreed and monitored. Remedial actions include, but are not limited to, exposure reduction, security enhancement, exiting the account or immediate movement of the account into the control of GSAM, the specialist recovery unit, which is independent of the main businesses.

For Retail clients, portfolio delinquency trends are monitored and reviewed at pre determined frequency. Individual client behaviour is also tracked and is considered for lending decisions. Accounts which are past due are subject to a collections process, managed independently within the Risk function. Charged-off accounts are managed by a specialist recovery team. The micro and small-sized enterprise business is managed in small businesses segment. The credit processes are refined based on exposure at risk and are managed through Programmed Lending, in line with procedures for Retail clients.

The CRC is responsible for the effective management of credit risk, among other risks.

6.5. Concentration Risk

Credit concentration risk can arise from pools of exposures with similar characteristics which may lead to highly correlated changes in credit quality, for example individual large exposures or significantly large groups of exposures whose likelihood of default is driven by common underlying factors.

Credit concentration risk is governed by the risk tolerance framework and Local Lending Policy (LLP) / Credit Approval Document (CAD); adherence to these policies is monitored by CMT. Credit concentration risk is managed via portfolio standards and within concentration caps set for counterparties or groups of connected counterparties, and for industry sectors, credit grade bands, business segments and collateralisation for C&I clients and by products for Retail clients.

Credit concentration risk is principally managed based on three components: single-name borrower exposure, industry concentrations and product concentration. For managing single-name concentrations, the Bank monitors compliance to the single and group borrower regulatory guidelines. The LLP establishes industry and credit grade concentration limits. The CMT monitors adherence to these prescribed limits. Any excesses from the ceilings prescribed in the LLP are escalated to the CCRO/CRC/CMT for approval in accordance with the delegated authorities outlined in the LLP.

For Retail clients, product concentration risk is managed through portfolio management approach in order to limit concentration, reduce volatility and improve profitability. As part of this approach, the Bank monitors product concentration on a bi-monthly basis.

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

6.6. Risk Reporting and Measurement

Risk measurement plays a central role, along with judgment and experience, in informing risk-taking and portfolio management decisions. It is a primary area for sustained investment and senior management attention.

Various risk measurement systems are available to risk officers to enable them to assess and manage the credit portfolio. As the Group has adopted IRB for credit risk under Basel III, these include systems to calculate nominal exposure, PD, LGD and EAD on a transaction, counterparty and portfolio basis. The Group has implemented a single risk reporting system to aggregate risk data. This is used to generate management information to assist business and Risk users with risk monitoring and management.

A number of internal risk management reports are produced on a regular basis, providing information on; individual counterparty, counterparty group, portfolio exposure, credit grade migration, the status of accounts or portfolios showing signs of weakness or financial deterioration, models performance and updates on credit markets. IRB portfolio metrics are widely used in these reports. Regular portfolio risk reports are made available at risk committee meetings.

6.7. Problem Credit Management and Provisioning

Credit monitoring is a continuous process. The frequency for each type of monitoring processes is defined. For example, excesses and past dues are reviewed on daily basis by business and credit officers. Covenants and risk triggers are normally linked to an event e.g. quarter on quarter drop in sales, exchange rate, crude prices, etc. For corporate accounts identified in risk based manner, a Quarterly Performance Review (QPR) is also carried out, if necessary. Account conduct is also tracked on a monthly basis in terms of unauthorized excesses, documentation, compliance with covenants and progress on exit accounts through the Account Subject To Additional Review Process (ASTAR) reporting process. Potential problem credits are identified through the credit monitoring process and reported to the CIC for additional review. In addition, portfolio level review for both C&I and Retail clients is undertaken to track portfolio performance against local underwriting standards/Group policy. Outcomes of such reviews are placed before the CRC/CMT.

C&I Exposures

Loans are classified as impaired and considered non-performing where analysis and review indicates that full payment of either interest or principal becomes questionable, or as soon as payment of interest or principal is 90 days or more overdue. Impaired accounts are managed by GSAM.

Specific provisions are made in accordance with the Bank's internal policy, subject to minimum provisions required under the RBI guidelines. When all sources of recovery have been exhausted and no further source of recovery is apparent, then the debt is written off by applying the impairment provision held.

Retail Exposures

An account is considered to be delinquent when payment is not received on the due date. For credit cards, an account is required to be considered delinquent on the payment due date upon non receipt of payment till the payment due date (for NPA calculation) plus 3 grace days (for bureau reporting). For delinquency reporting purposes, the Bank follows industry standards measuring delinquency as of 1, 30, 60 and 90 days past due. Accounts that are overdue are closely monitored. Loans are classified as impaired and considered non-performing where analysis and review indicates that full payment of either interest or principal becomes questionable, or as soon as payment of interest or principal is 90 days or more overdue.

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

The process used for raising provisions adheres to minimum provisions required under the RBI guidelines. In case of unsecured products, outstanding balances are written off at 150 days past due. In case of secured products like Mortgages, provision is raised after considering the realisable value of the collateral. For all products there are certain accounts such as cases involving fraud and death, where the loss recognition process is accelerated.

The Bank also maintains general provision as a percentage of performing standard advances and on unhedged foreign currency exposures, as prescribed by the RBI, to cover the inherent risk of losses.

The credit portfolio is monitored and reported to appropriate authorities in accordance with extant Group Policies/Procedures including Monitoring and Control Policy, Credit Initiation and Approval Policy and Risk Mitigation Policy, as well as extant local regulations/guidelines prescribed from time to time by RBI.

DF 3 - Quantitative Disclosures

a) Analysis of total gross credit risk exposures; fund based and non-fund based separately

Nature & category of exposures	<i>(Rs 000s)</i>	
	30.09.2018	30.09.2017
Inter bank exposures	85,765,357	24,348,655
Investments (HTM)	-	-
Advances	772,175,997	751,354,436
Total gross fund based exposures	857,941,354	775,703,091
Specific provisions / Provisions for depreciation in the value of investment ¹	(79,460,304)	(74,979,701)
Total net fund based exposures	778,481,050	700,723,390
Fx and derivative contracts	401,084,546	374,208,315
Guarantees, acceptances, endorsements and other obligations	328,119,868	301,620,304
Other commitments and credit lines ²	19,772,156	26,788,950
Total gross non-fund based exposures³	748,976,570	702,617,569
Specific provisions	-	-
Total net non fund based exposures	748,976,570	702,617,569

¹ Excluding provision on standard assets

² Excluding credit lines which are unconditionally cancellable at the Bank's sole discretion or, effectively provide for automatic cancellation of credit lines due to deterioration of borrower's creditworthiness.

³ For non-fund based exposures, credit risk exposures or, equivalents are computed as under:

- In case of exposures other than FX and derivative contracts, credit equivalent is arrived at by multiplying the underlying contract or notional principal amounts with the credit conversion factors prescribed by the RBI under the Basel III capital framework.
- In case of FX and derivative contracts, credit equivalents are computed using the current exposure method which includes, two steps as under:
 - Computation of current credit exposure, which is sum of the positive Mark to Market (MTM) value of the outstanding contracts.
 - Potential future credit exposure (PFE), which is determined by multiplying the notional principal amounts by the relevant 'add-on' factor based on tenor and type of underlying contracts.

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

b) Analysis of geographic distribution of exposures; fund based and non-fund based separately

As all the exposures under Para (a) above are domestic, the analysis of geographic distribution of exposures into fund and non-fund based has not been disclosed separately.

c) Analysis of industry wise distribution of exposures; fund based and non-fund based separately

(₹ in 000s)

Sno	Nature and category of industry	30.09.2018			30.09.2017		
		Credit Risk Exposures			Credit Risk Exposures		
		Fund based	Non fund based	Total	Fund based	Non fund based	Total
1.	Mining and Quarrying	738,040	516,150	1,254,190	1,899,462	659,630	2,559,092
	<i>Of which:</i>						
	- Coal	294,845	327,070	621,915	572,001	54,474	626,475
	- Others	443,195	189,080	632,275	1,327,461	605,156	1,932,617
2.	Food Processing	16,404,567	1,962,321	18,366,888	21,425,020	3,746,195	25,171,215
	<i>Of which:</i>						
	- Sugar	1,465,619	17,282	1,482,901	7,592,390	1,949,478	9,541,868
	- Edible Oils and Vanaspati	4,830,558	1,715,921	6,546,479	4,467,400	1,663,920	6,131,320
	- Tea	-	-	-	-	-	-
	- Coffee	-	-	-	-	-	-
	- Others	10,108,390	229,118	10,337,508	9,365,230	132,797	9,498,027
3.	Beverages (excluding Tea & Coffee) and Tobacco	2,320,844	1,364,172	3,685,016	1,947,098	1,100,642	3,047,740
	<i>Of which:</i>						
	- Tobacco and tobacco products	2,256,732	1,364,172	3,620,904	1,826,529	1,100,642	2,927,171
	- Others	64,112	-	64,112	120,569	-	120,569
4.	Textiles	20,490,610	2,003,590	22,494,200	22,606,056	1,145,209	23,751,265
	<i>Of which:</i>						
	- Cotton	-	-	-	-	-	-
	- Others	20,490,610	2,003,590	22,494,200	22,606,056	1,145,209	23,751,265
	<i>Out of Total Textiles to Spinning Mills</i>	-	-	-	-	-	-
5.	Leather and Leather products	1,942,880	140,661	2,083,541	2,176,873	296,145	2,473,018
6.	Wood and Wood Products	854,162	202,379	1,056,541	1,632,669	53,652	1,686,321
7.	Paper and Paper Products	8,015,507	1,703,302	9,718,809	11,176,056	1,203,897	12,379,953
8.	Petroleum (non-infra), Coal Products (non-mining) and Nuclear Fuels	440,867	15,067,657	15,508,524	1,536,629	9,660,996	11,197,625
9.	Chemicals and Chemical Products (Dyes, Paints, etc.)	29,068,022	16,541,521	45,609,543	27,329,192	21,204,470	48,533,662
	<i>Of which:</i>						
	- Fertilisers	2,889,118	7,232,612	10,121,730	1,627,974	2,553,327	4,181,301
	- Drugs and Pharmaceuticals	12,052,323	2,606,108	14,658,431	12,278,571	11,448,899	23,727,470
	- Petro-chemicals (excluding under Infrastructure)	6,960,875	3,357,095	10,317,970	6,359,160	2,960,960	9,320,120
	- Others	7,165,706	3,345,706	10,511,412	7,063,487	4,241,284	11,304,771

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

10.	Rubber, Plastic and their Products	9,145,553	3,213,508	12,359,061	7,646,406	2,300,428	9,946,834
11.	Glass & Glassware	2,205,947	3,129,318	5,335,265	1,836,608	2,765,903	4,602,511
12.	Cement and Cement Products	7,726,707	4,365,224	12,091,931	7,580,985	4,172,975	11,753,960
13.	Basic Metal and Metal Products	47,396,334	8,378,361	55,774,695	35,616,533	13,012,469	48,629,002
	<i>Of which:</i>						
	- Iron and Steel	24,842,582	1,996,353	26,838,935	23,246,262	7,962,884	31,209,146
	- Other Metal and Metal Products	22,553,752	6,382,008	28,935,760	12,370,271	5,049,585	17,419,856
14.	All Engineering	25,228,838	43,751,508	68,980,346	27,152,439	40,013,792	67,166,231
	<i>Of which:</i>						
	- Electronics	2,551,912	11,855,928	14,407,840	3,117,481	10,679,854	13,797,335
	- Others	22,676,926	31,895,580	54,572,506	24,034,958	29,333,938	53,368,896
15.	Vehicles, Vehicle Parts and Transport Equipments	15,577,834	8,573,544	24,151,378	21,742,568	8,654,075	30,396,643
16.	Gems & Jewellery	5,759,840	3,599,712	9,359,552	8,093,839	2,648,266	10,742,105
17.	Construction	6,024,601	22,590,584	28,615,185	9,701,306	16,376,498	26,077,804
18.	Aviation	911,536	6,412,373	7,323,909	1,214,442	4,672,075	5,886,517
19.	Infrastructure	66,825,957	31,080,114	97,906,071	73,357,873	24,317,112	97,674,985
	<i>Of which:</i>						
	- Roads and Bridges	12,263,219	5,466,056	17,729,275	12,335,250	4,905,270	17,240,520
	- Ports	-	-	-	-	-	-
	- Inland Waterways	4,119,206	4,582,213	8,701,419	6,773,157	4,133,369	10,906,526
	- Airport	-	-	-	-	-	-
	- Railway Track, tunnels, viaducts, bridges	-	-	-	-	-	-
	- Electricity (Generation)	3,812,490	4,237,536	8,050,026	3,355,957	2,864,295	6,220,252
	- Oil/Gas/Liquefied Natural Gas (LNG) storage facility	-	-	-	-	-	-
	- Communication	31,630,755	14,772,402	46,403,157	38,684,838	12,297,187	50,982,025
	- Other Infrastructure	15,000,287	2,021,907	17,022,194	12,208,671	116,991	12,325,662
20.	Trading & NBFC	71,064,976	4,889,077	75,954,053	65,710,303	2,888,138	68,598,441
21.	Mortgage	116,828,859	-	116,828,859	119,275,642	-	119,275,642
22.	Retail Others	54,694,542	1,328,508	56,023,050	72,739,893	1,328,508	74,068,401
23.	Real Estate	95,103,049	627,217	95,730,266	110,822,993	855,404	111,678,397
24.	Others	167,405,925	146,679,067	314,084,992	97,133,550	138,543,824	235,677,374
	Total Gross Advances	772,175,997	328,119,868	1,100,295,865	751,354,435	301,620,304	1,052,974,743
	Specific provisions	(79,460,304)	-	(79,460,303)	(74,979,702)	-	(74,979,702)
	Total Net Advances	692,715,693	328,119,868	1,020,835,562	676,374,733	301,620,304	977,995,041
	Total Inter-bank exposures	85,765,357	-	85,765,357	24,348,655	-	24,348,655
	Total Investments (HTM)	-	-	-	-	-	-

Fund based exposure comprises loans and advances, inter-bank exposures and HTM Investments. Non-fund based exposure comprises guarantees, acceptances, endorsements and letters of credit.

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

d) Analysis of residual contractual maturity of assets

As at 30 Sep 2018							(₹ in 000s)
Maturity Bucket	Cash and Bank balances with RBI	Balances with Banks and money at call and short notice	Investments	Advances	Fixed Assets	Other Assets	
1day (d)	6,165,089	81,623,549	125,301,278	37,224,440	-	18,103,471	
2 - 7 days	3,553,930	72,395,237	48,118,308	33,823,740	-	4,801,058	
8 - 14 days	4,465,187	-	21,767,784	42,556,801	-	569,279	
15 - 30 days	3,064,126	37,000	15,433,217	27,351,494	-	4,346,986	
31 days - 2 months	5,006,712	262,500	25,109,595	38,400,499	-	16,812,180	
2 months - 3 months	3,443,967	45,000	24,613,299	30,485,372	-	35,394,185	
Over 3 months - 6 months	4,673,596	-	22,966,028	42,344,164	-	23,365,304	
Over 6 month - 1 year	1,175,529	-	20,071,093	54,645,330	-	39,557,901	
Over 1 year - 3 years	11,788,955	4,600	68,305,320	198,034,967	-	61,577,661	
Over 3 year - 5 years	33,909	-	6,925,176	88,248,960	-	11,092,963	
Over 5 years	202,157	-	1,061,897	99,599,926	13,059,809	41,581,080	
Total	43,573,157	154,367,886	379,672,995	692,715,693	13,059,809	257,202,068	

As at 30 Sep 2017							(₹ in 000s)
Maturity Bucket	Cash and Bank balances with RBI	Balances with Banks and money at call and short notice	Investments	Advances	Fixed Assets	Other Assets	
1day (d)	3,144,980	3,975,479	133,044,722	25,230,281	-	10,288,899	
2d-7d	4,160,624	77,927,446	21,978,395	44,611,592	-	5,240,081	
8d - 14d	3,534,696	-	18,677,570	44,983,270	-	3,427,738	
15d - 30d	4,074,654	45,000	21,339,290	38,087,221	-	3,864,275	
31d - 2month (m)	2,828,098	45,000	15,981,512	41,733,855	-	48,740,571	
2m - 3month (m)	2,190,008	1,300,000	15,062,975	41,317,839	-	24,061,251	
3m - 6m	3,300,550	-	24,633,730	45,909,080	-	13,757,420	
6m - 1year (y)	1,548,388	-	8,071,109	42,972,169	-	23,308,627	
1y - 3y	9,926,155	29,800	60,811,444	140,279,200	-	35,451,879	
3y - 5y	16,863	-	13,027,399	64,051,781	-	14,825,667	
> 5y	222,862	-	239,233	147,198,449	13,450,339	46,574,388	
Total	34,947,878	83,322,725	332,867,379	676,374,737	13,450,339	229,540,796	

The above has been prepared on similar guidelines as used for the statement of structural liquidity.

e) Details of Non-Performing Advances (NPAs) - Gross and Net			(₹ in 000s)
Particulars	30.09.2018	30.09.2017	
Sub Standard	11,289,727	12,681,958	
Doubtful	61,405,488	53,289,150	
- Doubtful 1	22,965,572	25,440,877	
- Doubtful 2	20,841,811	13,963,418	
- Doubtful 3	17,598,105	13,884,855	

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

Loss	8,930,978	10,006,211
Gross NPAs	81,626,192	75,977,318
Provisions	(79,460,304)	(74,979,702)
Net NPAs	2,165,889	997,617
Cover ratio	97.35%	98.69%

f) NPA Ratios

Particulars	30.09.2018	30.09.2017
Gross NPAs to gross advances	10.57%	10.11%
Net NPAs to net advances	0.31%	0.15%

g) Movement of NPAs

Particulars	30.09.2018		30.09.2017	
	Gross	Net	Gross	Net
	(₹ in 000s)			
Balance, 1st April	84,411,009	3,738,456	80,326,615	1,213,597
Additions during the period	7,418,470	(773,646)	8,132,036	489,843
Reductions during the period	(10,203,287)	(798,921)	(12,481,333)	(705,823)
Balance, end of the period	81,626,192	2,165,889	75,977,318	997,617

h) Movement of Provisions for NPAs

Specific Provisions	(₹ in 000s)	
Particulars	30.09.2018	30.09.2017
Balance, 1st April	80,672,554	79,113,018
Provisions made during the period	8,192,116	7,642,193
Write-off	(4,204,825)	(1,323,385)
Write-back of excess provisions	(5,199,541)	(10,452,123)
Any other adjustments, including transfer between provisions	-	-
Balance, end of the period	79,460,304	74,979,702

General Provisions	(₹ in 000s)	
Particulars	30.09.2018	30.09.2017
Balance, 1st April	11,283,108	9,199,268
Provisions made during the period	447,385	11,370,811
Write-off	-	-
Write-back of excess provisions	(3,267,450)	(728,193)
Any other adjustments, including transfer between provisions	-	(262,455)
Balance, end of the period	8,463,042	19,579,431

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

Particulars	30.09.2018	30.09.2017
Write-off that have been booked directly to the income statement	-	4,621
Recoveries that have been booked directly to the income statement	(1,170,802)	(357,918)

(₹ in 000s)

i) Movement of Non-Performing Investments and amount of Provisions held for Non-Performing Investments

Particulars	30.09.2018	30.09.2017
Balance, 1st April	6,990,715	4,183,061
Additions during the period	500,342	1,406,683
Reductions during the period	(1,725,985)	(297,383)
Balance, end of the period	5,765,072	5,292,361
Total provisions held at the end of the period	5,763,293	5,149,547

(₹ in 000s)

j) Movement of Provision for Depreciation on Investments

Particulars	30.09.2018	30.09.2017
Balance, 1st April	9,786,863	4,106,234
Provisions made during the period	4,121,068	2,327,126
Write-off	(486,437)	-
Write-back of excess provisions	-	(70,773)
Any other adjustments, including transfer between provisions	-	-
Balance, end of the period	13,421,494	6,362,587

(₹ in 000s)

k) NPA by Major Industries (Top 5 Industries)

As on	Gross NPA	Specific provisions	General Provisions	Specific provision during the current period	Write-off during the current period
30-Sep-18	44,204,977	44,237,689	-	1,379,108	212,854
30-Sep-17	40,800,294	40,767,954	-	3,039,828	314,410

(₹ in 000s)

7 DF 4 - Credit Risk: Disclosures for portfolios subject to the standardised approach

DF 4 - Qualitative Disclosures

As per the provisions of the Basel framework in India, SCBI has adopted the SA for measurement of credit risk. The risk weights applied under the SA are prescribed by the RBI and are based on the asset class to which the exposure is assigned. This approach permits use of external ratings for credit exposures to counterparties in the category of sovereigns, international banks, corporate and securitisation exposures. The specified credit rating agencies used for these types of exposures are as under:

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

Domestic Credit Rating Agencies	International Credit Rating Agencies
Credit Rating Information Services of India Limited	Standard and Poor's
ICRA Limited	Moody's
India Ratings and Research Private Limited (India Ratings)	
Credit Analysis and Research Limited	
Acuite Ratings and Research Limited	
Brickworks Ratings India Pvt. Limited	
Infomerics Valuation and Rating Pvt. Limited	

Rated facilities have generally been considered as those facilities where the Bank's exposure has been explicitly considered; else, the exposure has been treated by the Bank as unrated. The process used to transfer public issue ratings onto comparable assets in the banking book is in accordance with the requirements laid down by RBI.

DF 4 - Quantitative Disclosures

Analysis of outstanding credit exposures (after considering credit risk mitigation) and credit risk by regulatory risk weight

As at 30 Sep 2018

(₹ in 000s)

Nature & category of exposures	Total gross credit exposure	Credit risk mitigation	Net exposure (before provision)	Credit risk weight buckets summary			Deduction from capital
				< 100%	100%	> 100%	
Inter bank exposures	85,765,357	-	85,765,357	84,904,139	846,018	15,200	-
Investments (HTM)	-	-	-	-	-	-	-
Advances	772,175,997	(11,733,922)	760,442,075	225,502,836	385,918,301	149,020,938	-
Total fund based exposures	857,941,354	(11,733,922)	846,207,432	310,406,975	386,764,319	149,036,138	-
Fx and derivative contracts	401,084,546	-	401,084,546	352,709,650	46,490,103	1,884,792	-
Guarantees, Acceptances, endorsements and other obligations	328,119,868	(7,455,928)	320,663,940	147,289,958	126,725,757	46,648,225	-
Undrawn Commitments and others	19,772,156	-	19,772,156	-	16,839,163	2,932,992	-
Total non fund based exposures	748,976,570	(7,455,928)	741,520,642	499,999,608	190,055,023	51,466,009	-

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

As at 30 Sep 2017

(₹ in 000s)

Nature & category of exposures	Total gross credit exposure	Credit risk mitigation	Net exposure (before provision)	Credit risk weight buckets summary			Deduction from capital
				< 100%	100%	> 100%	
Inter bank exposures	24,348,655	-	24,348,655	24,348,655	-	-	-
Investments (HTM)	-	-	-	-	-	-	-
Advances	751,354,436	(21,719,016)	729,635,420	255,092,816	337,492,327	137,050,277	-
Total fund based exposures	775,703,091	(21,719,016)	753,984,075	279,441,471	337,492,327	137,050,277	-
Fx and derivative contracts	374,208,315	-	374,208,315	318,824,049	16,251,563	39,132,702	-
Guarantees, Acceptances, endorsements and other obligations	301,620,304	(3,067,248)	298,553,056	109,218,155	93,744,155	95,590,747	-
Undrawn Commitments and others	26,788,950	-	26,788,950	-	25,976,237	812,713	-
Total non fund based exposures	702,617,569	(3,067,248)	699,550,321	428,042,204	135,971,955	135,536,162	-

8 DF 5 - Credit risk mitigation: Disclosures for standardised approaches

DF 5 - Qualitative Disclosures

Potential credit losses from any given account, client or portfolio are mitigated using a range of tools such as collateral, netting agreements, guarantees and restructuring. The reliance that can be placed on these mitigants is carefully assessed in light of issues such as legal certainty and enforceability, market valuation correlation and counterparty risk of the guarantor.

Risk mitigation policies determine the eligibility of collateral types. Collateral types for credit risk mitigation include cash; residential, commercial and industrial property; fixed assets such as motor vehicles, aircraft, plant and machinery; marketable securities; commodities; bank guarantees and letters of credit.

The above collateral types are applicable to all client segments, including, corporates and financial institutions, though exposures to banks are generally non-collateralised. There are well laid down policies and processes for valuation/revaluation of collaterals, covering source of valuation, independent professional valuations, hair-cuts/margins on collateral market values, re-margining requirements and re-assessment of credit limits. However, from a local regulatory perspective, the main “eligible” collaterals under the SA are restricted to cash (including fixed deposits) and units of mutual funds.

Collateral is valued in accordance with the Bank’s lending policies, which prescribe the frequency of valuation for different collateral types. The valuation frequency is driven by the level of price volatility of each type of collateral and the nature of the underlying product or risk exposure. Collateral held against impaired loans is recorded at fair value, which is revalued at least annually as prescribed in risk mitigation policy and procedures. In case of stock and book debts, monthly statements are obtained from the clients. In case of marketable securities listed on recognised exchanges, the valuation frequency is daily.

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

Guarantees taken can be categorised as follows:

- Guarantee from a bank (including central banks), or surety bond which is repayable on demand.
- Guarantee from a related corporate (including government owned commercial enterprises).
- Guarantee from an unconnected corporate.
- Guarantee from a government department, or an entity classified as government risk (excluding those classified as banks or commercial enterprises).
- Guarantee or indemnity from a SCB Group entity (subsidiary/associate or branch).
- Guarantee from one or more individuals.

DF 5 - Quantitative Disclosures

Nature and category of exposures	(₹ in 000s)	
	30.09.2018	30.09.2017
Exposure covered by eligible financial collateral after application of haircuts	75,598,510	67,953,534
Exposure covered by guarantees	1,165,762	21,220,321

9 DF 6 – Securitisation exposures: Disclosure for standardised approach

DF 6 - Qualitative Disclosures

Securitisation transactions are generally undertaken with the objective of credit risk transfer, liquidity management, meeting regulatory requirements such as priority sector lending and asset portfolio management. The Bank participates in securitisations in the role of originator, as well as, investor. In general, it provides credit enhancement services (as originator or as a third party), liquidity facilities, interest rate derivative products and acts as a collection and service agent.

The key risks inherent in securitisation transactions include:

- Credit risk: risk arising on account of payment delinquencies from underlying obligors/borrowers in the assigned pool.
- Liquidity risk: risk arising on account of lack of secondary market to provide ready exit options to the investors/participants.
- Interest rate/currency risk: mark to market risks arising on account of interest rate/currency fluctuations.
- Prepayment risk: prepayments in the securitised pool results in early amortisation and loss of future interest to the investor on the prepaid amount.
- Co-mingling risk: risk arising on account of co-mingling of funds belonging to investor(s) with that of the originator and/or collection and service agent, when there exists a time lag between collecting amounts due from the obligors and payment made to the investors.

Monitoring credit risk

The risk assessment of the pools is done continuously by the rating agencies based on amortisation level, collection efficiency, credit enhancement utilisation levels and credit cover available for balance deal tenor. If bank is acting as an investor, appropriate risk triggers are agreed at the time of investment and the same is monitored at regular intervals.

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

Where the bank is acting as an originator and is required to have retained risks as per RBI guidelines, the Bank has not used any credit risk mitigants to mitigate such retained risks.

The Bank may provide credit enhancement in the form of cash deposits or guarantees in its securitisation transactions and also provides credit enhancement as a third party on behalf of our clients. The Bank makes appropriate provisions for any delinquency losses assessed at the time of sale as well as over the life of the securitisation transactions in accordance with the RBI guidelines.

Regulatory capital approach

As per the provisions of the Basel III framework, all banks have to mandatorily adopt SA for capital treatment of securitisation transactions. This approach requires use of external rating agencies for risk weighting securitisation exposures. The credit rating agencies used by the Bank for these types of exposures are those recognised by the RBI (refer section 7 – DF- 4 above).

DF 6 - Quantitative Disclosures

1. Banking Book

- a) The outstanding exposures securitised by the Bank (in ₹ 000's) as on 30 Sep 2018: ₹ 1,673,441 (Previous Year: ₹ 1,881,522).
- b) Securitisation losses recognised by the Bank during period ending 30 Sep 2018: NIL (Previous Year: NIL)
- c) Assets intended to be securitised within a year – NIL (Previous Year: NIL).

The securitisation transactions are undertaken on a need basis to meet the objectives as disclosed above.

- d) The total amount of exposures securitised with unrecognised gain / (loss)

Exposure Type	Outstanding	30-Sep-18		30-Sep-17	
		Unrecognised gain / (loss)	Outstanding	Unrecognised gain / (loss)	Outstanding
Housing Loans	839,699	-	988,909	-	-
Corporate Loans	833,742	-	892,612	-	-

- e) Securitisation exposures retained or purchased

Exposure Type	30-Sep-18		30-Sep-17	
	On Balance Sheet	Off Balance Sheet	On Balance Sheet	Off Balance Sheet
Housing Loans	301,796	1,328,508	304,793	1,328,508

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

f) Aggregate amount of securitisation exposures retained or purchased and the associated capital charge

As at 30 Sep 2018				(₹ in 000s)
Exposure Type	<100% risk weight	100% risk weight	>100% risk weight	Total
Housing Loans	-	-	1,630,305	1,630,305
Capital Charge	-	-	1,834,093	1,834,093

As at 30 Sep 2017				(₹ in 000s)
Exposure Type	<100% risk weight	100% risk weight	>100% risk weight	Total
Housing Loans	-	-	1,633,302	1,633,302
Capital Charge	-	-	1,837,464	1,837,464

g) Securitisation exposures deducted from capital : NIL (Previous Year: NIL)

2. Trading Book

- a) There are no outstanding exposures securitised for which the Bank has retained any exposure which is subject to Market Risk.
- b) Securitisation exposures retained or purchased – On Balance Sheet and Off Balance Sheet.

As at 30 Sep 2018			(₹ in 000s)
Exposure Type	On Balance Sheet	Off Balance Sheet	
Vehicle Loans	-	-	-
SME Loans	14,586,202	-	-
Direct & Indirect Agriculture Lending	2,179,323	-	-
Total	16,765,525	-	-

As at 30 Sep 2017			(₹ in 000s)
Exposure Type	On Balance Sheet	Off Balance Sheet	
Vehicle Loans	265,128	-	-
SME Loans	23,966,601	-	-
Direct & Indirect Agriculture Lending	1,447,575	-	-
Total	25,679,304	-	-

c) Securitisation exposures retained or purchased

	(₹ in 000s)	
Risk Weight Bands	30-Sep-18	30-Sep-17
Exposures subject to Comprehensive Risk Measure for specific risk	16,765,525	25,679,304
Exposures subject to the securitisation framework for specific risk		
<100% risk weight	16,765,525	25,679,304
100% risk weight	-	-
>100% risk weight	-	-
Total	16,765,525	25,679,304

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

d) Aggregate amount of the capital requirements for the securitisation exposures

Risk Weight Bands	30-Sep-18	30-Sep-17
<100% risk weight	301,779	462,227
100% risk weight	-	-
>100% risk weight	-	-
Total	301,779	462,227

(₹ in 000s)

e) Securitisation exposures deducted from capital: NIL (Previous Year: NIL)

10 DF 7 - Market Risk in Trading Book

DF 7 - Qualitative Disclosures

The Bank recognises market risk as the potential for loss of earnings or economic value due to adverse changes in financial market rates or prices. The Bank is exposed to market risk arising principally from client-driven transactions. The objective of the Bank's market risk policies and processes is to obtain a balance of risk and return while meeting clients' requirements.

The primary categories of market risk for the Bank are interest rate risk, currency exchange rate risk, commodity price risk and equity price risk.

10.1 Market Risk Governance

The Credit and Market Risk Committee (CIBRC) approves the Group's market risk appetite taking account of market volatility, the range of products and asset classes, business volumes and transaction sizes. The Traded Risk Management operating under the current approved market risk limits policy in force, is responsible for setting Value at Risk (VaR) as the primary market risk measure within the Group's risk appetite.

The CIBRC is also responsible for policies and other standards for the control of market risk and overseeing their effective implementation. These policies cover both trading and non-trading books. At a country level, there is an independent market risk function to implement Group market risk policies/limits and to monitor the market risk exposures in accordance with Group and local governance/regulatory norms.

Traded Risk Management (TRM) approves the limits within delegated authorities and monitors exposures against these limits. Additional limits are placed on specific instruments and position concentrations, where appropriate. Sensitivity measures are used in addition to VaR as risk management tools. For example, interest rate sensitivity is measured in terms of exposure to a one basis point increase in yields, whereas, foreign exchange, commodity and equity sensitivities are measured in terms of the underlying values or amounts involved. Option risks are controlled through revaluation limits on underlying price and volatility shifts and limits on volatility risk and other variables that determine the options' value.

The CRC, in conjunction with TRM, provides market risk oversight, reporting and management of the market risk profile.

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

Value at Risk

The Bank measures the risk of losses arising from future potential adverse movements in market rates, prices and volatilities using a VaR methodology. VaR, in general, is a quantitative measure of market risk that applies recent historical market conditions to estimate the potential future loss in market value that will not be exceeded in a set time period at a set statistical confidence level. VaR provides a consistent measure that can be applied across trading businesses and products over time and can be set against actual daily trading profit and loss outcome. VaR is calculated for expected movements over a minimum of one business day and to a confidence level of 97.5 per cent. This confidence level suggests that potential daily losses, in excess of the VaR measure, are likely to be experienced six times per year.

Back Testing

To assess their predictive power, Trading VaR models are back tested against actual results and presented to the local risk committee.

Stress Testing

Losses beyond the confidence interval are not captured by a VaR calculation, which therefore gives no indication of the size of unexpected losses in these situations. TRM complements the VaR measurement by regularly stress testing market risk exposures to highlight potential risk that may arise from extreme market events that are rare but plausible.

Stress testing is an integral part of the market risk management framework and considers both, historical market events and forward looking scenarios. A consistent stress testing methodology is applied to trading and non-trading books. The stress testing methodology assumes that scope for management action would be limited during a stress event, reflecting the decrease in market liquidity that often occurs. Stress scenarios are regularly updated to reflect changes in risk profile and economic events.

Regular stress test scenarios are applied to interest rates, credit spreads, exchange rates and equity prices thereby covering asset classes in the Financial Markets (FM) non-trading and trading books. Ad hoc scenarios are also prepared, reflecting specific market conditions and for particular concentrations of risk that arise within the businesses.

10.2 Foreign Exchange Exposure

The foreign exchange exposures comprise trading and non-trading foreign currency translation exposures. Foreign exchange trading exposures are principally derived from client driven transactions.

10.3 Interest Rate Exposure

The interest rate exposures arise from trading and non-trading activities. Structural interest rate risk arises from the differing re-pricing characteristics of commercial banking assets and liabilities.

10.4 Derivatives

Structure and organisation of management of risk in derivatives trading

The derivatives business is managed by the front office with independent back office for confirmation and settlement of trades. A separate middle office team validates all the derivative transactions and the processing and settlement is done by the back office team. The TRM team is responsible for monitoring market risk limits

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

for derivative instruments. VaR is the primary risk measure and supplemented by other limits like PV01 as required and appropriate. There is clear segregation of duties and different reporting lines to ensure independent monitoring and reporting.

Risk monitoring team

The Bank is exposed to market risk, liquidity risk, operational risk and credit risk on the derivatives portfolio. The Bank's risk management group, compliance group and internal audit group assist in identifying, assessing and monitoring of these principal risks in accordance with policies and procedures.

For further details please refer to para 12 (DF 9) below.

DF 7 - Quantitative Disclosures

For details please refer to market risk section under para 4 (DF 2 - Quantitative Disclosures)

11 DF 8 - Operational Risk

DF 8 - Qualitative Disclosures

Operational Risk (OR) is the potential **for loss** arising from the failure of people, processes, technology or the impact of external events including legal risks. The Bank's Risk Appetite statement on OR reads as "The Group aims to control operational risks to ensure that operational losses (financial or reputational), including any related to conduct of business matters, do not cause material damage to the Group's franchise."

OR is managed by the CORC in the country, which exercises oversight of the Bank's OR exposures to ensure that it is aligned with the Bank's ERMF.

The responsibility for daily management of OR exposures rests with businesses and functions as an integral component of their first line risk management responsibilities. In addition, specialist operational RFOs have responsibility for the management of OR arising from the following: General Counsel for "Liability" & "Legal Enforceability", Head Property for "Damage or loss of Physical Assets" and "Safety and Security", Head Operational Risk for "Internal Fraud or dishonesty", "External Fraud and "Processing Failure", Chief Information Security Officer for "Information Security" and Country Chief Risk Officer and Financial Crime Compliance for "Model". In addition, even local regulations are categorized into various sub-types and Risk Ownership assigned to specified specialist owners in addition to Compliance. Each RFO is responsible for identifying risks that are material to the Group and for maintaining an effective control environment, which includes defining appropriate policies and procedures for approval by authorised risk committees.

The Bank uses the BIA consistent with the RBI's capital adequacy requirements to assess its regulatory capital requirements for OR. Under the BIA, a pre-determined beta co-efficient is applied to the average income for the previous three years, to determine the OR capital requirement.

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018**12 DF 9 - Interest Rate Risk in the Banking Book (IRRBB)****DF 9 - Qualitative Disclosures**

Interest rate risk from the non-trading book portfolios is transferred to FM where it is managed by Treasury Markets (TM) under the supervision of ALCO. This risk arises principally from the re-pricing mismatch between commercial assets and liabilities. TM also deals in approved financial instruments in the market to manage the net interest rate risk, subject to approved VaR and risk limits. VaR and stress tests are applied to non-trading book exposures in the same way as for the trading book and thus the primary risk measurement tool is VaR for the non-trading book. TM also manages a portfolio of marketable securities primarily for the purpose of meeting the reserve requirements. Prepayment assumptions are applied to the retail fixed rate loan book. For non-maturing products like current accounts, savings accounts, cards and overdrafts, behavioral calculation is done to segregate the portfolio according to the balances expected to remain with the bank under non-stress conditions for a year or more (core) or less than a year (non-core).

DF 9 - Quantitative Disclosures

The impact on market value of equity for a 200 basis upward move (in ₹ 000's) as at 30 Sep 2018 is ₹1,079,648 (previous year: ₹14,935,756).

13 DF 10 – Exposure related to Counterparty Credit Risk**DF 10 - Qualitative Disclosures****13.1 Credit Limits and Collaterals**

Counterparty credit risk (CCR) is the risk that a Bank's counterparty defaults in a FX, interest rate, commodity or credit derivative contract prior to or at the maturity date of the contract and that the Bank at the time has a claim on the counterparty. The Credit Initiation and Approval Policy governs CCR and is approved by CRC. The credit risk arising from all financial derivatives is managed as part of the overall credit limits to both financial institutions and corporate clients.

Exposure values for regulatory capital purposes on over-the-counter traded products are calculated according to the CCR Current Exposure Method (CEM). This is calculated as the sum of the current replacement cost and the PFE. The current replacement cost is the amount owed by the counterparty to the Bank for various financial derivative transactions. The PFE is an add-on based on a percentage of the notional principal of each transaction. These percentages are prescribed by the RBI in the guidelines and vary according to the underlying asset class and tenor of each trade.

The Group has a credit risk economic capital model which is managed centrally. The model uses obligor-level Monte Carlo simulation parameterised with internal data to capture various elements of credit risk including CCR.

The Bank seeks to negotiate Credit Support Annexes (CSA) to International Swaps and Derivatives Association master agreements with counterparties on a case-by-case basis, where collateral is deemed a necessary or desirable mitigant to the exposure. The credit terms of the CSA are specific to each legal document and

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

determined by the credit risk approval unit responsible for the counterparty. The nature of the collateral will be specified in the legal document and will typically be cash or highly liquid securities.

A daily operational process takes place to calculate the MTM on all trades captured under the CSA. Additional collateral will be called from the counterparty at agreed frequency if total uncollateralised MTM exposure exceeds the threshold and minimum transfer amount specified in the CSA. Additional collateral may be required from the counterparty to provide an extra buffer to the daily variation margin process.

The Bank further reduces its credit exposures to counterparties by entering into contractual netting agreements which result in a single amount owed by or to the counterparty through netting the sum of the positive (amounts owed by the counterparty) and negative (amounts owed by the Bank) MTM values of these transactions.

In India, the Bank follows SA for credit risk and hence no credit reserve is set aside. However, provisioning for the exposures on derivative contracts is made as prescribed by RBI Circular No.DBR.No.BP.BC.2/21.04.048/2015-16 dated 01 July 2015.

13.2 Wrong Way Risk

Wrong-way risk ("WWR") occurs when exposure to counterparty is positively correlated to deterioration in its creditworthiness. WWR falls into two categories: Specific Wrong Way Risk, which occurs when future exposure to a specific counterparty is adversely correlated with the counterparty's probability of default due to the nature of the transactions with the counterparty. General Wrong Way Risk, which occurs when the likelihood of default of counterparty is adversely correlated with general market risk factors. The Financial Markets Credit Policy manages WWR through 'FM Credit Procedures – Stress Testing and Wrong Way Risk'.

13.3 Impact of Credit Rating Downgrade

In line with market convention, the Bank negotiates CSA terms for certain counterparties where the thresholds related to each party are dependent on their External Credit Assessment Institution (ECAI) long term rating. Such clauses are typically mutual in nature. In the event of downgrade of counterparty's credit rating, margin call may be initiated to ask for additional collateral to cover negative MTM portfolios where thresholds are lowered. It is recognised that a downgrade in the Group's rating could result in counterparties seeking additional collateral calls to cover negative MTM portfolios where thresholds are lowered.

DF 10 - Quantitative Disclosures

Particulars	30.09.2018	30.09.2017
Gross positive fair value of contracts	144,385,919	126,817,280
Less: Netting benefits	-	-
Netted current credit exposure	144,385,919	126,817,280
Less: Collateral held (including type, e.g. cash, government securities, etc.)	-	-
Net derivatives credit exposure	144,385,919	126,817,280
Potential future exposure	256,698,626	247,391,035
Measures for exposure at default or exposure amount under CEM	401,084,546	374,208,315
Notional value of credit derivative hedges	-	-
Distribution of current credit exposure by types of credit exposure		

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

- Interest Rates	185,116,898	113,257,219
- Fx	215,967,648	260,951,097
Credit Derivative Transactions that create exposures to CCR (Notional Value)	NIL	NIL

For capital requirement details, refer “Minimum Regulatory Capital Requirements” under para 4 (DF 2 – quantitative disclosure) of this disclosure.

14 Other Key Risks

14.1 Liquidity Risk

Liquidity risk is the potential that the Bank either does not have sufficient liquid financial resources available to meet all its obligations and commitments as they fall due, or can only access these financial resources at excessive cost.

The Liquidity Risk Framework governs liquidity risk and is managed by ALCO. In accordance with that framework, the Bank maintains a liquid portfolio of marketable securities as reserve assets. The level of the Bank’s aggregate liquid reserves is in accordance with local regulatory minimum liquidity requirements, including the Liquidity Coverage Ratio norms.

14.2 Reputational Risk

Reputational risk is the potential for damage to the Group’s franchise, resulting in loss of earnings or adverse impact on market capitalisation as a result of stakeholders taking a negative view of the organisation or its actions.

Reputational risk is managed by the CMT/CRC, which is responsible for protecting the Group’s reputation locally and has the responsibility to ensure that the Bank does not undertake any activities that may cause material damage to the Group’s franchise.

Reputational risk is registered, recorded and reviewed by the CEO through the CRC. Whilst the CRC covers all forms of reputational risk in country, any significant business related reputational risks identified is escalated to Business Responsibility and Reputational Risk Committee.

15 Monitoring

Monitoring of risk management is achieved through independent reviews by RFOs, GIA, Compliance, concurrent audits and spot checks by external specialists as required under regulations.

To ensure the effectiveness of risk management processes in maintaining the risk profile of the Bank within risk appetite, the Bank maintains a three ‘lines of defence’ framework - refer para 5.1 above for further details.

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

16 DF11 – Composition of Capital as at 30 Sep 2018

(₹'M)

Basel III common disclosure template		Solo		Consolidated		
Common Equity Tier 1 capital: instruments and reserves	Basel III Amounts	Amounts Subject to Pre-Basel III Treatment	Basel III Amounts	Amounts Subject to Pre-Basel III Treatment	Ref No.(Section 17/DF 12)	
1	Directly issued qualifying common share capital plus related stock surplus (share premium)	74,401	-	74,401	-	A1
2	Retained earnings	80,237	-	80,237	-	B6
3	Accumulated other comprehensive income (and other reserves)	90,628	-	91,264	-	B1+B3+ B4+B5+ B7+B8+ C1+C3
4	<i>Directly issued capital subject to phase out from CET1 (only applicable to non-joint stock companies)</i>	-	-	-	-	
5	Common share capital (plus share premium) issued by other regulated entities and held by third parties (amount allowed in group CET1)	-	-	9,423	-	A2
6	Common Equity Tier 1 capital before regulatory adjustments	245,266	-	255,325	-	
Common Equity Tier 1 capital: regulatory adjustments						
7	Prudential valuation adjustments	-	-	-	-	
8	Goodwill (net of related tax liability)	1	-	1	-	E1
9	Intangibles other than mortgage-servicing rights (net of related tax liability)	1	-	62	-	E2
10	Deferred tax assets	7,547	-	6,668	-	
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-in capital on reported balance sheet)	-	-	-	-	
17	Reciprocal cross-holdings in common equity	-	-	-	-	

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

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 the 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 expenditures	-	-	-	-
	Regulatory Adjustments Applied to Common Equity Tier 1 in respect of Amounts Subject to Pre-Basel III Treatment	698	-	698	-
	of which: HO Debit Balance (20%)	59	-	59	-
	of which: Incurred CVA loss (20%)	639	-	639	-
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	8,247	-	7,429	-
29	Common Equity Tier 1 capital (CET1)	237,019	-	247,895	-

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

Additional Tier 1 capital: instruments

30	Directly issued qualifying Additional Tier 1 instruments plus related stock surplus (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	<i>Directly issued capital instruments subject to phase out from Additional Tier 1</i>	-	-	-	-
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	<i>of which: instruments issued by subsidiaries subject to phase out</i>	-	-	-	-
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 Tier 1 in respect of Amounts Subject to Pre-Basel III	-	-	-	-

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

	Treatment				
	of which:	-	-	-	-
	of which:	-	-	-	-
	of which:	-	-	-	-
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 + AT1) (29 + 44a)	237,019	-	247,895	-
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	-	-	-	D (Discounted Value)
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	<i>of which: instruments issued by subsidiaries subject to phase out</i>	-	-	-	-
50	Provisions	9,287	-	9,332	- B2*45 %+C2+ D1+D2 +D3+D 4
51	Tier 2 capital before regulatory adjustments	9,287	-	9,332	-
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 in the capital banking, financial and insurance entities that are outside the scope of regulatory consolidation (net of eligible short	-	-	-	-

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

	positions)				
56	National specific regulatory adjustments (56a+56b)	-	-	-	-
56a	of which: Investments in the Tier 2 capital of unconsolidated 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: Investment in Subsidiaries	-	-	-	-
	of which:	-	-	-	-
57	Total regulatory adjustments to Tier 2 capital	-	-	-	-
58	Tier 2 capital (T2)	9,287	-	9,332	-
58a	Tier 2 capital reckoned for capital adequacy	9,287	-	9,332	-
58b	Excess Additional Tier 1 capital reckoned as Tier 2 capital	-	-	-	-
58c	Total Tier 2 capital admissible for capital adequacy (58a + 58b)	9,287	-	9,332	-
59	Total capital (TC = T1 + T2) (45 + 58c)	246,306	-	257,227	-
	Risk Weighted Assets in respect of				
	Amounts Subject to Pre-Basel III Treatment				
	of which:				
60	Total risk weighted assets (60a + 60b + 60c)	1,601,841	-	1,683,384	-
60a	of which: total credit risk weighted assets	1,311,517	-	1,389,944	-
60b	of which: total market risk weighted assets	145,174	-	145,236	-
60c	of which: total operational risk weighted assets	145,150	-	148,205	-
Capital Ratios					
61	Common Equity Tier 1 (as a percentage of risk weighted assets)	14.80%		14.73%	
62	Tier 1 (as a percentage of risk weighted assets)	14.80%		14.73%	
63	Total capital (as a percentage of risk weighted assets)	15.38%		15.28%	
64	Institution specific buffer requirement (minimum CET1 requirement plus capital conservation and countercyclical buffer requirements, expressed as a percentage of risk weighted assets)	7.44%	-	7.44%	-
65	of which: capital conservation buffer requirement	1.88%	-	1.88%	-

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

66	of which: bank specific countercyclical buffer requirement	-	-	-	-
67	<i>of which: G-SIB buffer requirement</i>	0.06%	-	0.06%	-
68	Common Equity Tier 1 available to meet buffers (as a percentage of risk weighted assets)	14.80%	-	14.73%	-
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 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					
<i>(only applicable between March 31, 2017 and March 31, 2022)</i>					
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)	-	-	-	-

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

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)	-	-	-	-

Notes to the Template

Row	Particular	(₹'M)	
		Solo	Consolidated
10	<i>Deferred tax assets associated with accumulated losses</i>	-	-
	<i>Deferred tax assets (excluding those associated with accumulated losses) net of Deferred tax liability</i>	7,547	6,668
	<i>Total as indicated in row 10</i>	7,547	6,668
19	<i>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</i>	-	-
	<i>of which: Increase in Additional Tier 1 capital</i>	-	-
	<i>of which: Increase in Tier 2 capital</i>	-	-
26b	<i>If investments in the equity capital of unconsolidated non-financial subsidiaries are not deducted and hence, risk weighted then:</i>		
	<i>(i) Increase in Common Equity Tier 1 capital</i>	-	-
	<i>(ii) Increase in risk weighted assets</i>	-	-
44a	<i>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)</i>	-	-
	<i>of which: Excess Additional Tier 1 capital which is considered as Tier 2 capital under row 58b</i>	-	-
50	<i>Eligible Provisions included in Tier 2 capital</i>	6,995	7,040
	<i>Eligible Revaluation Reserves included in Tier 2 capital</i>	2,292	2,292
	<i>Total of row 50</i>	9,287	9,332

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

DF 12 - Composition of Capital Reconciliation

(₹'M)

	Balance sheet as in financial statements As on 30 Sep 18	Balance sheet under regulatory scope of consolidation As on 30 Sep 18	Ref. No. (Section 16/DF 11)
Capital & Liabilities			
i Paid-up Capital	74,401	83,824	
H.O. assigned Capital	74,401	74,401	A1
Common share capital (plus share premium) issued by other regulated entities and held by third parties (amount allowed in group CET1) <i>of which: Amount eligible for CET1</i>	-	9,423	A2
<i>of which: Amount eligible for AT1</i>	74,401	83,824	
	-	-	
ii Reserves & Surplus	186,134	186,931	
a Statutory Reserves	78,682	79,658	B1
b Property Revaluation Reserve	5,093	5,093	B2
c Capital Reserves-Surplus on sale of immovable properties	10,451	10,451	B3
d Capital Reserves-Surplus on sale of Held To Maturity investments	985	985	B4
e Capital Reserve	302	302	B5
f Remittable Surplus retained in India for CRAR	80,237	80,237	B6
g Profit and Loss Account	10,036	9,731	
a) Considered for Regulatory Consolidation	-	(466)	B7
b) Not Considered for Regulatory Consolidation	10,036	10,197	
h Exchange Reserve	1	1	B8
i Property Investment Reserve	207	207	C1
j Investment Reserve	140	140	C2
k General Reserve	-	126	C3
Total Capital	260,535	270,754	
iii Deposits	911,037	911,037	
<i>of which: Deposits from banks</i>	18,977	18,977	
<i>of which: Customer deposits</i>	892,061	892,061	
<i>of which: Other deposits (pl.specify)</i>	-	-	
iv Borrowings	146,155	150,786	
<i>of which: From RBI</i>	-	-	
<i>of which: From banks</i>	-	-	
<i>of which: From other institutions</i>	94,421	94,421	

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

	<i>of which: subordinated debt</i>		-	D
	<i>of which: Others (pl. specify: Commercial paper)</i>	51,734	56,365	
v	Other liabilities & provisions	241,421	245,032	
	<i>of which: Provision for Countercyclical Buffer</i>	750	750	D1
	<i>of which: Provision Held for Sold NPA's</i>	312	312	D2
	<i>of which: Provision for Country Risk</i>	64	64	D3
	<i>of which: Provision for Standard assets</i>	8,463	8,508	D4
	Total Capital & Liabilities	1,559,148	1,577,610	
Assets				
vi	Cash and balances with Reserve Bank of India	43,573	43,573	
vii	Balance with banks and money at call and short notice	154,368	156,455	
viii	Investments	398,229	398,409	
	<i>of which: Government securities</i>	343,464	343,464	
	<i>of which: Other approved securities</i>	-	-	
	<i>of which: Shares</i>	5,199	5,378	
	<i>of which: Debentures & Bonds</i>	33,079	33,079	
	<i>of which: Subsidiaries / Joint Ventures / Associates</i>	-	-	
	<i>of which: Others (Pass-through certificates, Mutual Funds etc.)</i>	16,488	16,488	
ix	Loans and advances	692,716	704,570	
	<i>of which: Loans and advances to banks</i>	-	-	
	<i>of which: Loans and advances to customers</i>	692,716	704,570	
x	Fixed assets	13,060	13,183	
	<i>of which: Goodwill</i>	-	-	E1
	<i>of which: Intangible</i>	2	33	E2
xi	Other assets	257,202	261,420	
	<i>of which: Deferred tax assets</i>	32,074	32,194	
	<i>of which: Ho Debit Balance</i>	59	59	F
	Total Assets	1,559,148	1,577,610	

18 DF 13 - Main Features of Regulatory Capital Instruments

There were no regulatory capital instruments issued by SCBI as of 30 Sep 2018.

19 DF 14 - Full Terms and Conditions of Regulatory Capital Instruments

There were no regulatory capital instruments issued by SCBI as of 30 Sep 2018.

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

20 DF 16 Equities – Disclosure for Banking Book Positions

Gross value of Investments in equities (in ₹ 000's) as at 30 Sep 2018 amounts to ₹ 5,198,515 and mainly include shares obtained from restructuring of debt in case of certain clients. As per the banks accounting policy they are classified as 'Available for Sale' (AFS). Unquoted equity shares are valued at the break-up value, if the latest balance sheet is available, or at Re. 1, as per RBI guidelines.

The break-up of equities into quoted and unquoted is as under:

Particulars	(₹ in 000s)	
	30.09.2018	30.09.2017
Quoted	4,073,319	3,681,226
Unquoted	1,125,196	1,398,201
Total	5,198,515	5,079,427

21 Leverage Ratio

The bank is required to maintain a minimum leverage ratio of 4.5%. The bank's leverage ratio, calculated in accordance with the RBI guidelines under consolidated framework is 9.98% as of 30 Sep 2018 (Previous Year: 10.59%).

DF 17 Quantitative disclosures

Summary comparison of accounting assets vs. leverage ratio exposure measure (₹ in M)

Sr. No.	Item	30 Sep 2018		30 Sep 2017	
		Solo	Consol	Solo	Consol
1	Total consolidated assets as per published financial statements	1,559,148	1,577,610	1,382,149	1,408,369
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	-	-	-	-
4	Adjustments for derivative financial instruments	187,517	187,517	216,837	216,837
5	Adjustment for securities financing transactions (i.e. repos and similar secured lending)	53,500	53,500	58,974	58,974
6	Adjustment for off-balance sheet items (i.e. conversion to credit equivalent amounts of off-balance sheet exposures)	427,523	427,523	407,400	407,440
7	Other adjustments	(76,850)	(76,032)	(73,465)	(72,758)
8	Leverage ratio exposure	2,150,837	2,170,117	1,991,895	2,018,862

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

DF 18 Quantitative disclosures

Leverage ratio common disclosure

(₹ in M)

Sr. No.	Item	30 Sep 2018		30 Sep 2017	
		Solo	Consol	Solo	Consol
On-balance sheet exposures					
1	On-balance sheet items (excluding derivatives and SFTs, but including collateral)	1,345,473	1,363,935	1,195,677	1,221,897
2	(Asset amounts deducted in determining Basel III Tier 1 capital)	(8,247)	(7,429)	(14,491)	(13,784)
3	Total on-balance sheet exposures (excluding derivatives and SFTs) (sum of lines 1 and 2)	1,337,226	1,356,506	1,181,186	1,208,113
On-balance sheet exposures					
4	Replacement cost associated with all derivatives transactions (i.e. net of eligible cash variation margin)	145,072	145,072	127,498	127,498
5	Add-on amounts for PFE associated with all derivatives transactions	256,699	256,699	267,999	267,999
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)	(69,182)	(69,182)	(51,162)	(51,162)
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)	332,589	332,589	344,335	344,335
Securities financing transaction exposures					
12	Gross SFT assets (with no recognition of netting), after adjusting for sale accounting transactions	68,603	68,603	58,974	58,974
13	(Netted amounts of cash payables and cash receivables of gross SFT assets)	(15,103)	(15,103)	-	-
14	CCR exposure for SFT assets	-	-	-	-

Risk review and disclosures under Basel III Framework for the period ended 30 Sep 2018

15	Agent transaction exposures	-	-	-	-
16	Total securities financing transaction exposures (sum of lines 12 to 15)	53,500	53,500	58,974	58,974
Other off-balance sheet exposures					
17	Off-balance sheet exposure at gross notional amount	1,334,287	1,334,287	1,330,965	1,331,005
18	(Adjustments for conversion to credit equivalent amounts)	(906,764)	(906,764)	(923,565)	(923,565)
19	Off-balance sheet items (sum of lines 17 and 18)	427,523	427,523	407,400	407,440
Capital and total exposures					
20	Tier 1 capital	206,023	216,508	204,506	213,880
21	Total exposures (sum of lines 3, 11, 16 and 19)	2,150,837	2,170,117	1,991,895	2,018,862
Leverage ratio					
22	Basel III leverage ratio	9.58%	9.98%	10.27%	10.59%

Reconciliation of total published balance sheet size and on balance sheet exposure (₹ in M)

Sr. No.	Item	30 Sep 2018		30 Sep 2017	
		Solo	Consol	Solo	Consol
1	Total consolidated assets as per published financial statements	1,559,148	1,577,610	1,382,149	1,408,369
2	Replacement cost associated with all derivatives transactions i.e. net of eligible cash variation margin	(145,072)	(145,072)	(127,498)	(127,498)
3	Adjustment for securities financing transactions (i.e. repos and similar secured lending)	(68,603)	(68,603)	(58,974)	(58,974)
4	Adjustments for entities outside the scope of regulatory consolidation	-	-	-	-
5	On-balance sheet exposures under leverage ratio (excluding derivatives and SFTs)	1,345,473	1,363,935	1,195,677	1,221,897