

# MCB Bank Limited

# Capital Adequacy & Liquidity Disclosures Unconsolidated As at December 31, 2018



# MCB BANK LIMITED CAPITAL ADEQUACY AND LIQUIDITY DISCLOSURES - UNCONSOLIDATED AS AT DECEMBER 31, 2018

# 1. CAPITAL ASSESSMENT AND ADEQUACY

## 1.1 Scope of Applications

The Basel-III Framework is applicable to the bank both at the consolidated level (comprising of wholly/partially owned subsidiaries & associates) and on a stand alone basis. Subsidiaries are included while calculating Consolidated Capital Adequacy for the Bank using full consolidation method whereas associates in which the bank has significant influence on equity method. Standardized Approach is used for calculating the Capital Adequacy for Credit and Market risk, whereas, Basic Indicator Approach (BIA) is used for Operational Risk Capital Adequacy purposes.

## 1.2 Capital Management

# Objectives and goals of managing capital

The Bank manages its capital to attain following objectives and goals:

- an appropriately capitalized status, as defined by banking regulations;
- acquire strong credit ratings that enable an optimized funding mix and liquidity sources at lesser costs;
- cover all risks underlying business activities;
- retain flexibility to harness future investment opportunities; build and expand even in stressed times.

### Statutory minimum capital requirement and Capital Adequacy Ratio

The State Bank of Pakistan through its BSD Circular No.07 of 2009 dated April 15, 2009 requires the minimum paid up capital (net of losses) for all locally incorporated banks to be raised to Rs. 10 billion by the year ended on December 31, 2013. The raise was to be achieved in a phased manner requiring Rs.10 billion paid up capital (net of losses) by the end of the financial year 2013. The paid up capital of the Bank for the year ended December 31, 2018 stands at Rs. 11.851 billion and is in compliance with the SBP requirement.

The capital adequacy ratio of the Bank was subject to the Basel III capital adequacy guidelines stipulated by the State Bank of Pakistan through its BPRD Circular No. 06 of 2013 dated August 15, 2013. These instructions are effective from December 31, 2013 in a phased manner with full implementation intended by December 31, 2019. Under Basel III guidelines banks are required to maintain the following ratios on an ongoing basis:

## Phase-in arrangement and full implementation of the minimum capital requirements:

			Year End				As of Dec 31	
Sr. No	Ratio	2013	2014	2015	2016	2017	2018	31-12-2019
1	CET1	5.00%	5.50%	6.00%	6.00%	6.00%	6.00%	6.00%
2	ADT-1	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
3	Tier 1	6.50%	7.00%	7.50%	7.50%	7.50%	7.50%	7.50%
4	Total Capital	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
5	*CCB	-	-	0.25%	0.65%	1.275%	1.90%	2.50%
	Total Capital plus							
6	ССВ	10.00%	10.00%	10.25%	10.65%	11.275%	11.90%	12.50%

\*Capital Conservation Buffer (CCB) Consisting of CET1 only



Bank's regulatory capital is analysed into three tiers.

- Common Equity Tier 1 capital (CET1), which includes fully paid up capital (including the bonus shares), balance in share premium account, general reserves, statutory reserves as per the financial statements and net unappropriated profits after all regulatory adjustments applicable on CET1
- Additional Tier 1 Capital (AT1), which includes perpetual non-cumulative preference shares and Share premium resulting from the issuance of preference shares balance in share premium account after all regulatory adjustments applicable on AT1

The deduction from Tier 1 Capital include mainly:

- i) Book value of goodwill / intangibles;
- ii) Deficit on revaluation of available for sale investments net of deferred tax
- ii) Defined-benefit pension fund net assets net of deferred tax
- iv) Reciprocal cross holdings in equity capital instruments of other banks, financial institutions and insurance companies;
- v) Investment in mutual funds above a prescribed ceiling;
- vi) Threshold deductions applicable from 2014 on deferred tax assets and certain investments;
- Tier 2 capital, which includes Subordinated debt/ Instruments, general provisions for loan losses (up to a maximum of 1.25 % of credit risk weighted assets), Net of tax reserves on revaluation of fixed assets and investments and foreign exchange translation reserves after all regulatory adjustments applicable on Tier-2

The deductions from Tier 2 include mainly:

i) Reciprocal cross holdings in other capital instruments of other banks, financial institution and insurance companies;

The required capital adequacy ratio including CCB (11.90% of the risk-weighted assets) is achieved by the Bank through retention of profit, improvement in the asset quality at the existing volume level, ensuring better recovery management and composition of asset mix with low risk. Banking operations are categorized as either trading book or banking book and risk-weighted assets are determined according to specified requirements of the State Bank of Pakistan that seek to reflect the varying levels of risk attached to assets and off-balance sheet exposures. The total risk-weighted exposures comprise of the credit risk, market risk and operational risk.

Basel-III Framework enables a more risk-sensitive regulatory capital calculation to promote long term viability of the Bank. As the Bank conducts business on a wide area network basis, it is critical that it is able to continuously monitor the exposure across entire organization and aggregate the risks so as to take an integrated view. Maximization of the return on risk-adjusted capital is the principal basis to be used in determining how capital is allocated within the Bank to particular operations or activities.

The Bank remained compliant with all regulatory capital requirements through out the year.



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2018 2017
-----Rupees in '000------
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		Rupees in	'000
1.3	Capital Adequacy Ratio		
	Common Equity Tier 1 capital (CET1): Instruments and reserves		
1	Fully Paid-up Capital	11,850,600	11,850,600
2	Balance in Share Premium Account	23,751,114	23,751,114
3	Reserve for issue of Bonus Shares	-	-
4	Discount on Issue of shares	-	-
5	General/ Statutory Reserves	47,859,007	45,723,049
6	Gain/(Losses) on derivatives held as Cash Flow Hedge	-	-
7	Unappropriated/unremitted profits	53,532,044	53,776,057
8	Minority Interests arising from CET1 capital instruments issued to third parties by consolidated bank subsidiaries		
	(amount allowed in CET1 capital of the consolidation group)		
		-	-
9	CET 1 before Regulatory Adjustments	136,992,765	135,100,820
10	Total regulatory adjustments applied to CET1 (Note 1.3.1)	7,993,491	5,970,769
11	Common Equity Tier 1	128,999,274	129,130,051
		- , ,	-,,
	Additional Tier 1 (AT 1) Capital		
12	Qualifying Additional Tier-1 capital instruments plus any related share premium	-	-
13	of which: Classified as equity	-	-
14	of which: Classified as liabilities	-	-
15	Additional Tier-1 capital instruments issued to third parties by consolidated subsidiaries (amount allowed in group AT		
	1)	-	-
16	of which: instrument issued by subsidiaries subject to phase out	-	-
17	AT1 before regulatory adjustments	-	
18	Total regulatory adjustment applied to AT1 capital (Note 1.3.2)	-	-
19	Additional Tier 1 capital after regulatory adjustments	-	-
20	Additional Tier 1 capital recognized for capital adequacy	-	-
	· · · · · · · · · · · · · · · · · · ·		
21	Tier 1 Capital (CET1 + admissible AT1) (11+20)	128,999,274	129,130,051
	Tier 2 Capital		
22	Qualifying Tier 2 capital instruments under Basel III plus any related share premium	2,334,611	3,114,062
23	Tier 2 capital instruments subject to phaseout arrangement issued under pre-Basel 3 rules	-	-
24	Tier 2 capital instruments issued to third parties by consolidated subsidiaries (amount allowed in group tier 2)		
		-	-
25	of which: instruments issued by subsidiaries subject to phase out	-	-
26	General provisions or general reserves for loan losses-up to maximum of 1.25% of Credit Risk Weighted Assets		
		1,266,717	1,115,091
27	Revaluation Reserves (net of taxes)	,,	, -,
28	of which: Revaluation reserves on fixed assets	12,192,682	10,987,313
29	of which: Unrealized gains/losses on AFS	-	4,083,427
30	Foreign Exchange Translation Reserves	1,629,543	483,993
31	Undisclosed/Other Reserves (if any)	-	-
	T2 before regulatory adjustments	17,423,553	19,783,886
33	Total regulatory adjustment applied to T2 capital (Note 1.3.3)	435,575	1,686,595
	Tier 2 capital (T2) after regulatory adjustments	16,987,978	18,097,291
35	Tier 2 capital recognized for capital adequacy	16,987,978	18,097,291
36	Portion of Additional Tier 1 capital recognized in Tier 2 capital	-	-
37	Total Tier 2 capital admissible for capital adequacy	16,987,978	18,097,291
38	TOTAL CAPITAL (T1 + admissible T2) (21+37)	145,987,252	147,227,342
	=		,,=
30	Total Risk Weighted Assets (RWA) {for details refer Note 1.6}	805,177,499	895,414,736
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	Capital Ratios and buffers (in percentage of risk weighted assets)		
40	CET1 to total RWA	16.02%	14.42%
41	Tier-1 capital to total RWA	16.02%	14.42%
42	Total capital to total RWA	18.13%	16.44%
42		10.1378	10.44 /0
12	Bank specific buffer requirement (minimum CET1 requirement plus capital conservation buffer plus any other buffer		
40	requirement)	7.90%	7.275%
44	of which: capital conservation buffer requirement	1.90%	1.275%
		1.90%	1.2/370
45	of which: countercyclical buffer requirement	-	-
46 47	of which: D-SIB or G-SIB buffer requirement	- 8 100/	- 7 150/
47	CET1 available to meet buffers (as a percentage of risk weighted assets)	8.12%	7.15%
	National minimum capital requirements prescribed by SBP		
48	CET1 minimum ratio	6.00%	6.00%
49	Tier 1 minimum ratio	7.50%	7.50%
50	Total capital minimum ratio	10.00%	10.00%
51	Total capital minimum ratio plus CCB	11.900%	11.275%



2018

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2017

------Rupees in '000------

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	Regulatory Adjustments and Additional Information	Rupees	iii 000
<b>1.3.1</b> 1	Common Equity Tier 1 capital: Regulatory adjustments Goodwill (net of related deferred tax liability)	-	-
2	All other intangibles (net of any associated deferred tax liability)	631,461	553,010
3	Shortfall in provisions against classified assets	-	-
4	Deferred tax assets that rely on future profitability excluding those arising from temporary differences (net of related tax liability)	-	-
5	Defined-benefit pension fund net assets - net of deferred tax	2,479,861	3,115,078
6 7	Reciprocal cross holdings in CET1 capital instruments of banking, financial and insurance entities Cash flow hedge reserve	1,496,156 -	582,288 -
8	Investment in own shares/ CET1 instruments	-	-
9	Securitization gain on sale	-	-
10	Capital shortfall of regulated subsidiaries	-	-
11	Deficit on account of revaluation from bank's holdings of AFS - net of deferred tax	2,758,144	-
12	Investments in the capital instruments of banking, financial and insurance entities that are outside the scope of regulatory consolidation, where the bank does not own more than 10% of the issued share capital (amount above 10% threshold)		-
13	Significant investments in the common stocks of banking, financial and insurance entities that are outside the scope of regulatory consolidation (amount above 10% threshold)	72,248	-
14	Deferred Tax Assets arising from temporary differences (amount above 10% threshold, net of related tax liability)	-	-
15	Amount exceeding 15% threshold	-	-
16	of which: significant investments in the common stocks of financial entities		-
17	of which: deferred tax assets arising from temporary differences		-
18	National specific regulatory adjustments applied to CET1 capital		-
19	Investments in TFCs of other banks exceeding the prescribed limit	555,621	571,247
20	Any other deduction specified by SBP (mention details)	-	-
21	Adjustment to CET1 due to insufficient AT1 and Tier 2 to cover deductions*	-	1,149,146
22	Total regulatory adjustments applied to CET1	7,993,491	5,970,769
1.3.2	Additional Tier-1 & Tier-1 Capital: regulatory adjustments		
23	Investment in mutual funds exceeding the prescribed limit [SBP specific adjustment]		-
24	Investment in own AT1 capital instruments	-	-
25	Reciprocal cross holdings in Additional Tier 1 capital instruments of banking, financial and insurance entities		-
26	Investments in the capital instruments of banking, financial and insurance entities that are outside the scope of regulatory consolidation, where the bank does not own more than 10% of the issued share capital (amount above 10% threshold)	-	-
27	Significant investments in the capital instruments of banking, financial and insurance entities that are outside the scope of regulatory consolidation	-	-
28	Portion of deduction applied 50:50 to Tier-1 and Tier-2 capital based on pre-Basel III treatment which, during transitional period, remain subject to deduction from additional tier-1 capital	-	1,149,146
29	Adjustments to Additional Tier 1 due to insufficient Tier 2 to cover deductions	-	-

# 30 Total regulatory adjustment applied to AT1 capital\*

\*As the Bank has no AT 1 capital, deduction was made from CET1.



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2017

------Rupees in '000------

# 1.3.3 Tier 2 Capital: regulatory adjustments

Reciprocal cross holdings in Tier 2 instruments of banking, financial and insurance entities	435,575	537,449
Investment in own Tier 2 capital instrument	-	-
Investments in the capital instruments of banking, financial and insurance entities that are outside the scope of regulatory consolidation, where the bank does not own more than 10% of the issued share capital (amount above 10% threshold)	-	-
Significant investments in the capital instruments issued by banking, financial and insurance entities that are outside the scope of regulatory consolidation	-	
Total regulatory adjustment applied to T2 capital	435,575	1,686,595
	Investment in own Tier 2 capital instrument Investments in the capital instruments of banking, financial and insurance entities that are outside the scope of regulatory consolidation, where the bank does not own more than 10% of the issued share capital (amount above 10% threshold) Significant investments in the capital instruments issued by banking, financial and insurance entities that are outside the scope of regulatory consolidation	Investment in own Tier 2 capital instrument Investments in the capital instruments of banking, financial and insurance entities that are outside the scope of regulatory consolidation, where the bank does not own more than 10% of the issued share capital (amount above 10% threshold) Significant investments in the capital instruments issued by banking, financial and insurance entities that are outside the scope of regulatory consolidation

		2018 Rupees in	2017 '000
1.3.4	Additional Information		
	Risk Weighted Assets subject to pre-Basel III treatment		
37	Risk weighted assets in respect of deduction items (which during the transitional period will be risk weighted subject to Pre-Basel III Treatment)	-	-
(i)	of which: deferred tax assets	-	-
(ii)	of which: Defined-benefit pension fund net assets	-	778,770
(iii)	of which: Recognized portion of investment in capital of banking, financial and insurance entities where holding is less than 10% of the issued common share capital of the entity	-	-
(iv)	of which: Recognized portion of investment in capital of banking, financial and insurance entities where holding is more than 10% of the issued common share capital of the entity Amounts below the thresholds for deduction (before risk weighting)	-	-
38	Non-significant investments in the capital of other financial entities		-
39	Significant investments in the common stock of financial entities	-	-
40	Deferred tax assets arising from temporary differences (net of related tax liability)	-	-
	Applicable caps on the inclusion of provisions in Tier 2		
41	Provisions eligible for inclusion in Tier 2 in respect of exposures subject to standardized approach (prior to application of cap)	1,266,717	1,115,091
42	Cap on inclusion of provisions in Tier 2 under standardized approach	7,968,507	7,924,968
43	Provisions eligible for inclusion in Tier 2 in respect of exposures subject to internal ratings-based approach (prior to application of cap)	-	-
44	Cap for inclusion of provisions in Tier 2 under internal ratings-based approach	-	-



# 1.4 Capital Structure Reconciliation

Step 1	Balance sheet as per published financial statements	Under regulatory scope of consolidation	
	As at 31-12- 2018 Rupees in	As at 31-12- 2018 '000	
Assets			
Cash and balances with treasury banks Balances with other banks Lendings to financial institutions Investments - net Advances - net Fixed assets including intangible Deferred tax assets Other assets - net <b>Total assets</b>	103,174,597 11,878,975 35,106,241 749,368,738 503,581,323 41,442,097 - 53,578,090 1,498,130,061	103,174,597 11,878,975 35,106,241 749,368,738 503,581,323 41,442,097 - 53,578,090 1,498,130,061	
Liabilities & Equity			
Bills payable Borrowings Deposits and other accounts Liabilities against assets subject to finance lease Subordinated debt Deferred tax liabilities - net Other liabilities	15,699,280 216,018,886 1,049,037,615 - 3,891,019 1,532,177 62,673,355	15,699,280 216,018,886 1,049,037,615 - 3,891,019 1,532,177 62,673,355	
Total liabilities	1,348,852,332	1,348,852,332	
Share capital Reserves Surplus on revaluation of assets - net of tax Unappropriated profit	11,850,600 74,147,981 9,747,104 53,532,044 <b>149,277,729</b>	11,850,600 74,147,981 9,747,104 53,532,044 <b>149,277,729</b>	
Total liabilities & equity	1,498,130,061	1,498,130,061	



Step 2	Balance sheet as per published financial statements	Under regulatory scope of consolidation	
	As at 31-12- 2018 Rupees in	As at 31-12- 2018 '000	
Assets			
Cash and balances with treasury banks	103,174,597	103,174,597	
Balanced with other banks	11,878,975	11,878,975	
Lending to financial institutions Investments	35,106,241 749,368,738	35,106,241 749,368,738	
of which: Non-significant capital investments in capital of other financial institutions exceeding 10% threshold	749,306,736	149,506,156	
of which: significant investments in the capital instruments issued by banking, financial and	-		
insurance entities exceeding regulatory threshold of which: Mutual Funds exceeding regulatory threshold	627,869 -	-	
of which: reciprocal crossholding of capital instrument (separate for CET1, AT1, T2)	1,931,731		
of which: others			
Advances shortfall in provisions/ excess of total EL amount over eligible provisions under IRB	503,581,323	503,581,323	
general provisions reflected in Tier 2 capital	- 1,266,717	- 1,266,717	
Fixed Assets	41,442,097	41,442,097	
of which: Intangibles	631,461	631,461	
Deferred Tax Assets of which: DTAs that rely on future profitability excluding those arising from temporary	-	-	
differences of which: DTAs arising from temporary differences exceeding regulatory threshold	-	-	
Other assets	53,578,090	53,578,090	
of which: Goodwill of which: Defined-benefit pension fund net assets	- 3,815,170	- 3,815,170	
Total assets	1,498,130,061	1,498,130,061	
Liabilities & Equity			
Bills payable	15,699,280	15,699,280	
Borrowings	216,018,886 1,049,037,615	216,018,886 1,049,037,615	
Borrowings Deposits and other accounts	216,018,886	216,018,886	
Borrowings Deposits and other accounts	216,018,886 1,049,037,615	216,018,886 1,049,037,615	
Borrowings Deposits and other accounts Sub-ordinated loans	216,018,886 1,049,037,615	216,018,886 1,049,037,615 3,891,019	
Borrowings Deposits and other accounts Sub-ordinated loans of which: eligible for inclusion in AT1 of which: eligible for inclusion in Tier 2 Liabilities against assets subject to finance lease	216,018,886 1,049,037,615 3,891,019 - 2,334,611	216,018,886 1,049,037,615 3,891,019 - - -	
Borrowings Deposits and other accounts Sub-ordinated loans of which: eligible for inclusion in AT1 of which: eligible for inclusion in Tier 2 Liabilities against assets subject to finance lease Deferred tax liabilities	216,018,886 1,049,037,615 3,891,019	216,018,886 1,049,037,615 3,891,019	
Borrowings Deposits and other accounts Sub-ordinated loans of which: eligible for inclusion in AT1 of which: eligible for inclusion in Tier 2 Liabilities against assets subject to finance lease Deferred tax liabilities of which: DTLs related to goodwill	216,018,886 1,049,037,615 3,891,019 - 2,334,611	216,018,886 1,049,037,615 3,891,019 - - -	
Borrowings Deposits and other accounts Sub-ordinated loans of which: eligible for inclusion in AT1 of which: eligible for inclusion in Tier 2 Liabilities against assets subject to finance lease Deferred tax liabilities	216,018,886 1,049,037,615 3,891,019 - 2,334,611	216,018,886 1,049,037,615 3,891,019 - - -	
Borrowings Deposits and other accounts Sub-ordinated loans of which: eligible for inclusion in AT1 of which: eligible for inclusion in Tier 2 Liabilities against assets subject to finance lease Deferred tax liabilities of which: DTLs related to goodwill of which: DTLs related to intangible assets	216,018,886 1,049,037,615 3,891,019 - - 2,334,611 - 1,532,177 - - -	216,018,886 1,049,037,615 3,891,019 - - - 1,532,177 - -	
Borrowings Deposits and other accounts Sub-ordinated loans of which: eligible for inclusion in AT1 of which: eligible for inclusion in Tier 2 Liabilities against assets subject to finance lease Deferred tax liabilities of which: DTLs related to goodwill of which: DTLs related to intangible assets of which: DTLs related to defined pension fund net assets of which: other deferred tax liabilities	216,018,886 1,049,037,615 3,891,019 - 2,334,611 - 1,532,177 - 1,335,309	216,018,886 1,049,037,615 3,891,019 - - 1,532,177 - 1,335,309	
Borrowings Deposits and other accounts Sub-ordinated loans of which: eligible for inclusion in AT1 of which: eligible for inclusion in Tier 2 Liabilities against assets subject to finance lease Deferred tax liabilities of which: DTLs related to goodwill of which: DTLs related to intangible assets of which: DTLs related to defined pension fund net assets of which: other deferred tax liabilities Dther liabilities	216,018,886 1,049,037,615 3,891,019 - 2,334,611 - 1,532,177 - - 1,335,309 196,868	216,018,886 1,049,037,615 3,891,019 - - 1,532,177 - 1,335,309 196,868	
Borrowings Deposits and other accounts Sub-ordinated loans of which: eligible for inclusion in AT1 of which: eligible for inclusion in Tier 2 Liabilities against assets subject to finance lease Deferred tax liabilities of which: DTLs related to goodwill of which: DTLs related to goodwill of which: DTLs related to defined pension fund net assets of which: other deferred tax liabilities Dther liabilities	216,018,886 1,049,037,615 3,891,019 - - 2,334,611 - 1,532,177 - - 1,335,309 196,868 62,673,355	216,018,886 1,049,037,615 3,891,019 - - - 1,532,177 - - 1,335,309 196,868 62,673,355	
Borrowings Deposits and other accounts Sub-ordinated loans of which: eligible for inclusion in AT1 of which: eligible for inclusion in Tier 2 Liabilities against assets subject to finance lease Deferred tax liabilities of which: DTLs related to goodwill of which: DTLs related to goodwill of which: DTLs related to defined pension fund net assets of which: other deferred tax liabilities Dther liabilities	216,018,886 1,049,037,615 3,891,019 - 2,334,611 - 1,532,177 - 1,335,309 196,868 62,673,355 <b>1,348,852,332</b>	216,018,886 1,049,037,615 3,891,019 - - 1,532,177 - 1,335,309 196,868 62,673,355 <b>1,348,852,332</b>	
Borrowings Deposits and other accounts Sub-ordinated loans of which: eligible for inclusion in AT1 of which: eligible for inclusion in Tier 2 Liabilities against assets subject to finance lease Deferred tax liabilities of which: DTLs related to goodwill of which: DTLs related to goodwill of which: DTLs related to intangible assets of which: DTLs related to defined pension fund net assets of which: other deferred tax liabilities Dther liabilities Fotal liabilities	216,018,886 1,049,037,615 3,891,019 - 2,334,611 - 1,532,177 - 1,335,309 196,868 62,673,355 <b>1,348,852,332</b> 35,601,714 - -	216,018,886 1,049,037,615 3,891,019 - - 1,532,177 - 1,532,177 - 1,335,309 196,868 62,673,355 - 1,348,852,332 35,601,714 35,601,714 -	
Borrowings Deposits and other accounts Sub-ordinated loans of which: eligible for inclusion in AT1 of which: eligible for inclusion in Tier 2 Liabilities against assets subject to finance lease Deferred tax liabilities of which: DTLs related to goodwill of which: DTLs related to goodwill of which: DTLs related to intangible assets of which: DTLs related to defined pension fund net assets of which: other deferred tax liabilities Other liabilities Total liabilities Share capital of which: amount eligible for CET1 of which: amount eligible for AT1	216,018,886 1,049,037,615 3,891,019 - 2,334,611 - 1,532,177 - 1,335,309 196,868 62,673,355 <b>1,348,852,332</b> 35,601,714 - 50,396,867	216,018,886 1,049,037,615 3,891,019 - - 1,532,177 - 1,335,309 196,868 62,673,355 - 1,348,852,332 35,601,714 - 50,396,867	
Borrowings Deposits and other accounts Sub-ordinated loans of which: eligible for inclusion in AT1 of which: eligible for inclusion in Tier 2 i.abilities against assets subject to finance lease Deferred tax liabilities of which: DTLs related to goodwill of which: DTLs related to goodwill of which: DTLs related to defined pension fund net assets of which: DTLs related to defined pension fund net assets of which: other deferred tax liabilities Dther liabilities <b>Total liabilities</b> Share capital of which: amount eligible for CET1 of which: amount eligible for AT1 Reserves of which: portion eligible for inclusion in CET1 (general reserve & statutory reserve)	216,018,886 1,049,037,615 3,891,019 - 2,334,611 - 1,532,177 - 1,335,309 196,868 62,673,355 <b>1,348,852,332</b> <b>35</b> ,601,714 35,601,714 - 50,396,867 47,859,007	216,018,886 1,049,037,615 3,891,019 - - 1,532,177 - 1,335,309 196,868 62,673,355 <b>1,348,852,332</b> <b>35</b> ,601,714 35,601,714 - 50,396,867 47,859,007	
Borrowings Deposits and other accounts Sub-ordinated loans of which: eligible for inclusion in AT1 of which: eligible for inclusion in Tier 2 Liabilities against assets subject to finance lease Deferred tax liabilities of which: DTLs related to goodwill of which: DTLs related to goodwill of which: DTLs related to defined pension fund net assets of which: other deferred tax liabilities Other liabilities Total liabilities Share capital of which: amount eligible for CET1 of which: amount eligible for AT1 Reserves of which: portion eligible for inclusion in CET1 (general reserve & statutory reserve) of which: portion eligible for inclusion in Tier 2	216,018,886 1,049,037,615 3,891,019 - 2,334,611 - 1,532,177 - 1,335,309 196,868 62,673,355 <b>1,348,852,332</b> <b>35</b> ,601,714 35,601,714 - 50,396,867 47,859,007 1,629,543	216,018,886 1,049,037,615 3,891,019 - - 1,532,177 - 1,335,309 196,868 62,673,355 - 1,348,852,332 35,601,714 35,601,714 - - 50,396,867 47,859,007 1,629,543	
Borrowings Deposits and other accounts Sub-ordinated loans of which: eligible for inclusion in AT1 of which: eligible for inclusion in Tier 2 Liabilities against assets subject to finance lease Deferred tax liabilities of which: DTLs related to goodwill of which: DTLs related to goodwill of which: DTLs related to defined pension fund net assets of which: DTLs related to defined pension fund net assets of which: other deferred tax liabilities Other liabilities Total liabilities Share capital of which: amount eligible for CET1 of which: amount eligible for AT1 Reserves of which: portion eligible for inclusion in CET1 (general reserve & statutory reserve) of which: portion eligible for inclusion in Tier 2 Unappropriated profit Minority Interest	216,018,886 1,049,037,615 3,891,019 - 2,334,611 - 1,532,177 - 1,335,309 196,868 62,673,355 <b>1,348,852,332</b> <b>35</b> ,601,714 35,601,714 - 50,396,867 47,859,007	216,018,886 1,049,037,615 3,891,019 - - 1,532,177 - 1,335,309 196,868 62,673,355 <b>1,348,852,332</b> <b>35</b> ,601,714 35,601,714 - 50,396,867 47,859,007	
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Borrowings Deposits and other accounts Sub-ordinated loans of which: eligible for inclusion in AT1 of which: eligible for inclusion in Tier 2 Liabilities against assets subject to finance lease Deferred tax liabilities of which: DTLs related to goodwill of which: DTLs related to goodwill of which: DTLs related to defined pension fund net assets of which: other deferred tax liabilities Other liabilities <b>Total liabilities</b> Share capital of which: amount eligible for CET1 of which: amount eligible for CET1 of which: portion eligible for inclusion in CET1 (general reserve & statutory reserve) of which: portion eligible for inclusion in Tier 2 Unappropriated profit Minority Interest of which: portion eligible for inclusion in CET1 of which: portion eligible for inclusion in Tier 2 Surplus on revaluation of assets of which: portion eligible for inclusion in Tier 2 Surplus on revaluation of assets	216,018,886 1,049,037,615 3,891,019 - 2,334,611 - 1,532,177 - 1,335,309 196,868 62,673,355 <b>1,348,852,332</b> 35,601,714 - 50,396,867 47,859,007 1,629,543 53,532,044 - - - - - - - - - - - - -	216,018,886 1,049,037,615 3,891,019 - - 1,532,177 - 1,532,177 - 1,335,309 196,868 62,673,355 <b>1,348,852,332</b> <b>35</b> ,601,714 35,601,714 - 50,396,867 47,859,007 1,629,543 53,532,044 - - - - - - - - - - - - -	
Borrowings Deposits and other accounts Sub-ordinated loans of which: eligible for inclusion in Tier 2 Liabilities against assets subject to finance lease Deferred tax liabilities of which: DTLs related to goodwill of which: DTLs related to goodwill of which: DTLs related to defined pension fund net assets of which: DTLs related to defined pension fund net assets of which: other deferred tax liabilities Other liabilities <b>Total liabilities</b> Share capital of which: amount eligible for CET1 of which: amount eligible for AT1 Reserves of which: portion eligible for inclusion in CET1 (general reserve & statutory reserve) of which: portion eligible for inclusion in Tier 2 Unappropriated profit Minority Interest of which: portion eligible for inclusion in AT1 of which: portion eligible for inclusion in Tier 2 Surplus on revaluation of assets of which: Revaluation reserves on fixed assets of which: Wrealized Gains/Losses on AFS of which: Revaluation reserves on Non-banking assets	216,018,886 1,049,037,615 3,891,019 - 2,334,611 - 1,532,177 - 1,335,309 196,868 62,673,355 <b>1,348,852,332</b> <b>35</b> ,601,714 35,601,714 - 50,396,867 47,859,007 1,629,543 53,532,044 - - 9,747,104 12,192,682 - 312,566	216,018,886 1,049,037,615 3,891,019 - - 1,532,177 - 1,532,177 - 1,335,309 196,868 62,673,355 <b>1,348,852,332</b> <b>35</b> ,601,714 35,601,714 - 50,396,867 47,859,007 1,629,543 53,532,044 - - - 9,747,104 12,192,682 - 312,566	



Step 3	Component of regulatory capital reported by bank	Source based on reference number from step 2
Common Equity Tier 1 capital (CET1): Instruments and reserves		
1 Fully Paid-up Capital 2 Balance in Share Premium Account 3 Reserve for issue of Bonus Shares	11,850,600 23,751,114	(s)
<ul><li>4 General/ Statutory Reserves</li><li>5 Gain/(Losses) on derivatives held as Cash Flow Hedge</li></ul>	47,859,007 -	(u)
<ul> <li>6 Unappropriated/unremitted profits/(losses)</li> <li>7</li> <li>Minority Interests arising from CET1 capital instruments issued to third party by consolidated</li> </ul>	53,532,044	(w)
bank subsidiaries (amount allowed in CET1 capital of the consolidation group) 8 CET 1 before Regulatory Adjustments	- 136,992,765	(x)
Common Equity Tier 1 capital: Regulatory adjustments		
<ul> <li>9 Goodwill (net of related deferred tax liability)</li> <li>10 All other intangibles (net of any associated deferred tax liability)</li> <li>11 Shortfall of provisions against classified assets</li> </ul>	- 631,461 -	(j) - (o) (k) - (p) (f)
<ol> <li>Deferred tax assets that rely on future profitability excluding those arising from temporary differences (net of related tax liability)</li> </ol>	-	
<ul> <li>13 Defined-benefit pension fund net assets</li> <li>14 Reciprocal cross holdings in CET1 capital instruments</li> <li>15 Cash flow hedge reserve</li> <li>16 Investment in own shares/ CET1 instruments</li> </ul>	2,479,861 1,496,156 -	{(I) - (q)} * 100% portion of (d)
17 Securitization gain on sale 18 Capital shortfall of regulated subsidiaries 19 Deficit on account of revaluation from bank's holdings of property/ AFS	2.758.144	(ab)
20 Investments in the capital instruments of banking, financial and insurance entities that are outside the scope of regulatory consolidation, where the bank does not own more than 10% of the issued share capital (amount above 10% threshold)	-	(ab)
21 Significant investments in the capital instruments issued by banking, financial and insurance entities that are outside the scope of regulatory consolidation (amount above 10% threshold)	72.248	portion of (b)
22 Deferred Tax Assets arising from temporary differences (amount above 10% threshold, net of related tax liability)	-	(i)
<ul> <li>23 Amount exceeding 15% threshold</li> <li>24 of which: significant investments in the common stocks of financial entities</li> <li>25 of which: deferred tax assets arising from temporary differences</li> <li>26 National specific regulatory adjustments applied to CET1 capital</li> </ul>	-	
<ul> <li>Investment in TFCs of other banks exceeding the prescribed limit</li> <li>Any other deduction specified by SBP</li> <li>Regulatory adjustment applied to CET1 due to insufficient AT1 and Tier 2 to cover deductions</li> </ul>	555,621 -	portion of (b)
30 Total regulatory adjustments applied to CET1	- 7,993,491	

31 Common Equity Tier 1

128,999,274



Additional Tier 1 (AT 1) Capital		
32 Qualifying Additional Tier-1 instruments plus any related share premium	-	
<ul> <li>of which: Classified as equity</li> <li>of which: Classified as liabilities</li> </ul>	-	(t) (m)
35 Additional Tier-1 capital instruments issued by consolidated subsidiaries and held by third partie	us -	(11)
(amount allowed in group AT 1)	-	(y)
36 of which: instrument issued by subsidiaries subject to phase out	-	
37 AT1 before regulatory adjustments	-	
Additional Tier 1 Capital: regulatory adjustments 38 Investment in mutual funds exceeding the prescribed limit (SBP specific adjustment)		
39 Investment in own AT1 capital instruments		
40 Reciprocal cross holdings in Additional Tier 1 capital instruments	-	
41 Investments in the capital instruments of banking, financial and insurance entities that are outsid		
the scope of regulatory consolidation, where the bank does not own more than 10% of the issue	ed	
share capital (amount above 10% threshold)	-	
42 Significant investments in the capital instruments issued by banking, financial and insurance entities that are outside the scope of regulatory consolidation	_	
43 Portion of deduction applied 50:50 to core capital and supplementary capital based on pre-Base	el la	
III treatment which, during transitional period, remain subject to deduction from tier-1 capital		
	-	
44 Regulatory adjustments applied to Additional Tier 1 due to insufficient Tier 2 to cover deductions	5	
45 Total of Regulatory Adjustment applied to AT1 capital	-	
46 Additional Tier 1 capital	-	
47 Additional Tier 1 capital recognized for capital adequacy	-	
49 Tior 1 Conital (CET1 , admissible AT1)	128,999,274	
48 Tier 1 Capital (CET1 + admissible AT1)	120,999,274	
Tier 2 Capital		
49 Qualifying Tier 2 capital instruments under Basel III	2,334,611	(n)
50 Capital instruments subject to phase out arrangement from tier 2 (Pre-Basel III instruments)		
51 Tier 2 capital instruments issued to third party by consolidated subsidiaries (amount allowed in	-	
group tier 2)	_	(z)
52 of which: instruments issued by subsidiaries subject to phase out	-	(-)
53 General Provisions or general reserves for loan losses-up to maximum of 1.25% of Credit Risk		
Weighted Assets	1,266,717	(g)
54 Revaluation Reserves eligible for Tier 2 55 of which: Revaluation reserves on fixed assets	12,192,682 12,192,682	
56 of which: Unrealized Gains/Losses on AFS	-	portion of (aa)
57 Foreign Exchange Translation Reserves	1,629,543	(v)
58 Undisclosed/Other Reserves (if any)	-	
59 T2 before regulatory adjustments	17,423,553	
Tier 2 Capital: regulatory adjustments 60 Portion of deduction applied 50:50 to core capital and supplementary capital based on pre-Base	si	
Ill treatment which, during transitional period, remain subject to deduction from tier-2 capital		
	-	
61 Reciprocal cross holdings in Tier 2 instruments	435,575	portion of (d)
62 Investment in own Tier 2 capital instrument	-	
63 Investments in the capital instruments of banking, financial and insurance entities that are outsic the scope of regulatory consolidation, where the bank does not own more than 10% of the issue		
share capital (amount above 10% threshold)	-	
64 Significant investments in the capital instruments issued by banking, financial and insurance		
entities that are outside the scope of regulatory consolidation	-	
65 Amount of Regulatory Adjustment applied to T2 capital	435,575	
66 Tier 2 capital (T2) 67 Tier 2 capital recognized for capital adequacy	16,987,978 16,987,978	
68 Excess Additional Tier 1 capital recognized in Tier 2 capital	-	
69 Total Tier 2 capital admissible for capital adequacy	16,987,978	
70 TOTAL CAPITAL (T1 + admissible T2)	145,987,252	



# 1.5 Main Features Template of Regulatory Capital Instruments

		Common Shares	Debt Instruments
1	Issuer	MCB Bank Limited	MCB Bank Limited
2	Unique identifier (eg KSE Symbol or Bloomberg identifier etc.)	MCB	MCB - Tier II
-	Governing law(s) of the instrument	Relevant Capital Market Laws	Laws applicable in Pakistan
-			
4	Regulatory treatment Transitional Basel III rules	Common equity Tier 1	Tier II Capital
5	Post-transitional Basel III rules	Common equity Tier 1	Tier II Capital
6	Eligible at solo/ group/ group&solo	Group & standalone	Group & standalone
7	Instrument type	Common Shares	Subordinated loan
, 8	Amount recognized in regulatory capital (Currency in PKR thousands, as of reporting date)	11,850,600	2,334.611
Ŭ		11,000,000	2,004,011
9	Par value of instrument	PKR 10 per share	PKR 5,000
10	Accounting classification	Shareholder equity	Subordinated loan
11	Original date of issuance	1947	19-Jun-14
12	Perpetual or dated	Perpetual	dated
13	Original maturity date	No maturity	19-Jun-22
14	Issuer call subject to prior supervisory approval	Not applicable	yes
15	Optional call date, contingent call dates and redemption amount	Not applicable	Callable with prior approval of
			SBP on or after five years from the date of issue
16	Subsequent call dates, if applicable	Not applicable	Not applicable
	Coupons / dividends		
17	Fixed or floating dividend/ coupon	Not applicable	Floating
18	coupon rate and any related index/ benchmark	Not applicable	Six months KIBOR (Ask side) + 1.15%
19	Existence of a dividend stopper	No	No
20	Fully discretionary, partially discretionary or mandatory	Fully discretionary	Mandatory
21	Existence of step up or other incentive to redeem	No	No
22	Noncumulative or cumulative	Not applicable	Not applicable
	Convertible or non-convertible		Convertible
23	If convertible, conversion trigger (s)	Not applicable	The instrument will be subject to loss absorbency clause as stipulated in terms of the Basel III Guidelines wherein upon the occurrence of a Point of Non-Viability ("PONV") event as defined in the Guidelines, SBP may at its option, fully and permanently convert the TFCs into common shares of the Bank.
24	If convertible, fully or partially	Not applicable	Fully
25	If convertible, conversion rate	Not applicable	To be determined in case of trigger event(s)
26	If convertible, mandatory or optional conversion	Not applicable	Mandatory
27	If convertible, specify instrument type convertible into	Not applicable	Common Equity Tier 1
28	If convertible, specify issuer of instrument it converts into	Not applicable	MCB Bank Limited
	Write-down feature		
29	If write-down, write-down trigger(s)	Not applicable	The instrument will be subject to loss absorbency clause as stipulated in terms of the Basel III Guidelines wherein upon the occurrence of a Point of Non-Viability ("PONV") event as defined in the Guidelines, SBP may at its option, fully and permanently convert the TFCs into common shares of the Bank.
30	If write-down, full or partial	Not applicable	May be written down fully or partially
31	If write-down, permanent or temporary	Not applicable	Permanent
32	If temporary write-down, description of write-up mechanism	Not applicable	Not applicable
33	Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument	Common equity ranks after all creditors and depositors	Subordinate to all other indebtedness to the Bank including deposits
34	Non-compliant transitioned features	No	None
35	If yes, specify non-compliant features	Not applicable	Not applicable



# 1.6 Risk Weighted Assets

The risk weighted assets to capital ratio, calculated in accordance with the State Bank of Pakistan's guidelines on capital adequacy was as

	Capital Red	Capital Requirements		ted Assets
	2018	2017	2018	2017
Credit Risk		Rupees	in '000	
Portfolios subject to standardized approach (simple or comprehensive)				
On-Balance Sheet				
		00.070.700	000 000 400	000.057.00
Corporate portfolio	39,246,584	38,678,783	303,626,493	306,357,22
Banks / DFIs	2,083,617	1,739,676	16,119,657	13,779,19
Public sector entities	930,386	834,456	7,197,821	6,609,35
Sovereigns / cash & cash equivalents Loans secured against residential property	577,632 394,045	504,882 317,687	4,468,784 3,048,479	3,998,94 2,516,25
Retail	3,744,504	3,561,816	28,968,905	2,510,25
Past due loans	3,744,504 918,131	532,118	28,968,905	4,214,66
			40,810,636	
Operating fixed assets Other assets	5,275,159 2,469,072	4,926,542 3,203,078	19,101,679	39,020,92 25,370,13
Other assets	55,639,130	54,299,038	430,445,462	430,078,22
Off-Balance Sheet	00,000,100	01,200,000	100, 110, 102	100,010,22
Non-market related	20,827,429	21,335,676	161,128,909	168,990,27
Market related	359,455	123,570	2,780,879	978,74
Market related	21,186,884	21,459,246	163,909,788	169,969,02
Equity Exposure Risk in the Banking Book	21,100,001	21,100,210	100,000,100	100,000,02
Listed	585,001	480,267	4,525,790	3,803,98
Unlisted	4,989,354	3,806,078	38,599,542	30,146,22
	5,574,355	4,286,345	43,125,332	33,950,20
Total Credit Risk	82,400,369	80,044,629	637,480,582	633,997,45
Market Risk				
Capital requirement for portfolios subject to standardized				
approach				
Interest rate risk	1,682,917	3,471,852	21,036,463	43,398,15
Equity position risk	2,662,498	3,125,557	33,281,223	39,069,46
Foreign exchange risk	39,743	4,985,510	496,787	62,318,87
Total Market Risk	4,385,158	11,582,919	54,814,473	144,786,48
Operational Risk				
Capital requirement for operational risks	9,030,596	9,330,463	112,882,444	116,630,79
Total	95,816,122	100,958,011	805,177,499	895,414,73
Capital requirement for operational risks				
Capital Adequacy Ratios	20	-	20'	
	Required	Actual	Required	Actual
	%	%	%	%
CET1 to total RWA	6.00%	16.02%	6.00%	14.42
Tier-1 capital to total RWA	7.50%	16.02%	7.50%	14.42
Total capital to total RWA	10.00%	18.13%	10.00%	16.44
Total capital plus CCB to total RWA	11.900%	18.13%	11.275%	16.44

\* As SBP capital requirement plus CCB of 11.90% (11.275% in 2017) is calculated on overall basis therefore, capital charge for credit risk is calculated after excluding capital requirements against market and operational risk from the total capital required.



### 1.7 Credit Risk - General Disclosures

The Bank has adopted Standardized approach of Basel II for calculation of capital charge against credit risk in line with SBP's requirements.

## Credit Risk: Disclosures for portfolio subject to the Standardized Approach

Under standardized approach, the capital requirement is based on the credit rating assigned to the counterparties by the External Credit Assessment Institutions (ECAIs) duly recognized by SBP for capital adequacy purposes. Bank utilizes, wherever available, the credit ratings assigned by the SBP recognized ECAIs, viz. PACRA (Pakistan Credit Rating Agency), JCR-VIS (Japan Credit Rating Company– Vital Information Systems), Fitch, Moody's and Standard & Poors. Credit rating data for advances is obtained from recognized External Credit Assessment Institutions and then mapped to State Bank of Pakistan's Rating Grades.

Type of Exposures for which the ratings from the External Credit Rating Agencies are used by the Bank.

Exposures	JCR-VIS	PACRA	Other (S&P / Moody's / Fitch)
Corporate	Yes	Yes	-
Banks	Yes	Yes	Yes
Sovereigns	-	-	Yes
SME's	Yes	Yes	-

The criteria for transfer public issue ratings onto comparable assets in the banking book and the alignment of the alphanumerical scale of each agency used with risk buckets is the same as specified by the SBP.

#### Long - Term Ratings Grades Mapping

SBP Rating Grade	PACRA	JCR-VIS	Fitch	Moody's	S&P	ECA Scores
1	AAA	AAA	AAA	Aaa	AAA	1
	AA+	AA+	AA+	Aa1	AA+	
	AA	AA	AA	Aa2	AA	
	AA-	AA-	AA-	Aa3	AA-	
2	A+	A+	A+	A1	A+	2
	А	А	А	A2	А	
	A-	A-	A-	A3	A-	
3	BBB+	BBB+	BBB+	Baa1	BBB+	3
	BBB	BBB	BBB	Baa2	BBB	
	BBB-	BBB-	BBB-	Baa3	BBB-	
4	BB+	BB+	BB+	Ba1	BB+	4
	BB	BB	BB	Ba2	BB	
	BB-	BB-	BB-	Ba3	BB-	
5	B+	B+	B+	B1	B+	5,6
	В	В	В	B2	В	
	В-	B-	В-	B3	B-	
6	CCC+ and	CCC+ and	CCC+ and	Caa1 and	CCC+ and	7
	below	below	below	Below	below	

# Short - Term Ratings Grades Mapping

SBP Rating	PACRA	JCR-VIS	Fitch	Moody's	S&P
S1	A-1	A-1	F1	P-1	A-1+, A-1
S2	A-2	A-2	F2	P-2	A-2
S3	A-3	A-3	F3	P-3	A-3
S4	Others	Others	Others	Others	Others



#### Credit Exposures subject to Standardized approach

			2018			2017	
Exposures	Rating	Amount Outstanding	Deduction CRM	Net amount	Amount Outstanding	Deduction CRM	Net amount
				(Rupees	in thousand)		
Corporate	1	68,774,170	-	68,774,170	56,617,251	-	56,617,251
	2	68,883,285	-	68,883,285	26,953,778	-	26,953,778
	3,4	9,507,675	-	9,507,675	1,698,007	-	1,698,007
	5,6	-	-	-	-	-	-
	Unrated	227,408,478	12,404,608	215,003,870	243,246,526	-	243,246,526
Bank							
	1	69,180,483	26,377,745	42,802,738	26,980,026	-	26,980,026
	2,3	1,873,231	-	1,873,231	3,248,045	-	3,248,045
	4,5	5,444,102	-	5,444,102	4,799,490	-	4,799,490
	6	-		-	32,752	-	32,752
	Unrated	3,103,180	-	3,103,180	5,253,787	-	5,253,787
	1	9,162,969		9,162,969	8,077,484	-	8,077,484
	2,3	-	-	-	-	-	-
	4,5	-	-	-	-	-	-
Dublic Castor Entition in	6	-		-	-	-	-
Public Sector Entities in Pakistan	Unrated	81,748,863	71,018,408	10,730,455	77,664,096	67,676,381	9,987,715
		95,741,730	-	95,741,730	108,842,520	-	108,842,520
				-			-
	1	9,020,575	-	9,020,575	8,313,825	-	8,313,825
	2	-	-	-	-	-	-
	3	-	-	-	-	-	-
Sovereigns and on	4,5	4,468,784	-	4,468,784	3,998,940	-	3,998,940
Government of Pakistan or	6	-	-	-	-		-
provincial governments or SBP or Cash	Unrated	-	-	-	-	-	-
Mortgage		8,709,939	-	8,709,939	7,189,296		7,189,296
Retail		38,625,207	-	38,625,207	37,615,390	-	37,615,390

#### Credit Risk: Disclosures with respect to Credit Risk Mitigation for Standardized Approach

The Bank does not make use of on and off-balance sheet netting in capital charge calculations under Basel's Standardized Approach for Credit Risk.

#### Credit Risk: Disclosures for portfolio subject to the Standardized Approach

The Bank has strong policies and processes for collateral valuation and collateral management thus ensuring that collateral valuation happens at regular defined intervals. Collaterals are normally held for the life of exposure. Regular monitoring of coverage of exposure by the collateral and lien/ charge registered over the collaterals is carried out besides ensuring that collateral matches the purpose, nature and structure of the transaction and also reflect the form and capacity of the obligor, its operations, nature of business and economic environment. The Bank mitigates its risk by taking collaterals that may include assets acquired through the funding provided, as well as cash, government securities, marketable securities, current assets, fixed assets, and specific equipment, commercial and personal real estate.

The Standardized Approach of Basel-II guidelines allows the Bank to take benefit of credit risk mitigation of financial collaterals against total exposures in the related loan facilities. As a prudent and conservative measure while calculating capital charge for credit risk of on balance sheet activities, bank has taken only the benefit of Sovereign guarantees.

MCB manages limits and controls concentrations of credit risk as identified, in particular, to individual counterparties and groups, and also reviews exposure to industry sectors and geographical regions on a regular basis. Limits are applied in a variety of forms to portfolios or sectors where MCB considers it appropriate to restrict credit risk concentrations or areas of higher risk, or to control the rate of portfolio growth.



The leverage ratio is the ratio of Tier1 capital to total exposure, including off balance sheet exposures adjusted by regulatory credit conversion factors. The Bank's current leverage ratio of 7.09% (2017: 7.67%) is above the current minimum requirement of 3.00% set by the SBP.

	2018	2017
	Rupees	; in '000
Eligible Tier-1 Capital	128,999,274	129,130,051
Total Exposures	1,820,404,530	1,683,406,323
Leverage Ratio	7.09%	7.67%

#### 3. Basel III Liquidity Requirement

The Basel Committee for Banking Supervision (BCBS) has introduced Liquidity Coverage Ratio (LCR) and Net Stable Funding Ratio (NSFR) under its BASEL III reforms. As part of Basel III implementation in Pakistan, SBP issued guidelines on June 23, 2016 to implement Liquidity standards in line with BCBS timelines, keeping in view the conditions as applicable in Pakistan. The Bank is maintaining both the liquidity ratios, under Basel III, with a considerable cushion over and above the regulatory requirement to mitigate any liquidity risk.

#### Liquidity Coverage Ratio

Liquidity Coverage Ratio (LCR) aims to ensure that bank maintains an adequate level of unencumbered High Quality Liquid Assets (HQLA) which can easily be converted into cash at little or no loss of value in private markets, to withstand an acute liquidity stress scenario lasting for a period of 30 days horizon. LCR is defined as ratio of stock of HQLA to the total net Cash Outflows estimated for the next 30 calendar days.

All banks are required to maintain LCR at least on 100% on an ongoing basis. The Bank has been computing its LCR on monthly basis as per the instructions set out in SBP's guidelines issued on June 23, 2016. Average has been reported as simple averages of quarterly values of LCR of the financial year ended 2018. The quarterly values have been computed as simple averages of monthly observations of the previous quarter, as required by aforementioned SBP guidelines.

#### Governance of Liquidity risk management

Liquidity and related risks are managed through standardized processes established in the Bank. Board and senior management are appraised about liquidity profile of the Bank on periodic basis so as to ensure proactive liquidity management and to avoid abrupt shocks. The management of liquidity risk within the Bank is undertaken within limits and other policy parameters set by ALCO, which meets monthly and reviews compliance with policy parameters. Day to day monitoring is done by the treasury while overall compliance is monitored and coordinated by the ALCO and includes reviewing the actual and planned strategic growth of the business and its impact on the statements of financial position and monitoring the Bank's liquidity profile and associated activities. Bank's treasury function has the primary responsibility for assessing, monitoring and managing bank's liquidity and funding strategy. Market Risk Management Division being park of Risk management group is responsible for the independent identification, monitoring & analysis of risks inherent in treasury exposures. The Bank has in place duly approved Treasury policy along with risk tolerance/appetite levels. These are communicated at various levels so as to ensure effective liquidity management for the Bank.

#### Funding Strategy

Bank's prime source of liquidity is the customer's deposits base. Within deposits, Bank strives to maintain a healthy core deposit base in form of current and saving deposits and avoid concentration in particular products, tenors and dependence on large fund providers. Further, Bank relies on interbank borrowing for stop gap funding arrangements but, it is less preferred source of liquidity. Within borrowing, source of funding are also diversified to minimize concentration. Usually interbank borrowing is for short term. The Bank follows centralized funding strategy so as to ensure achievement of strategic and business objectives of the Bank.

#### Liquidity Risk Mitigation techniques

Various tools and techniques are used to measure and monitor the possible liquidity risk. These include monitoring of different liquidity ratios like cash to deposits, financing to deposit ratio, liquid assets to total deposits, interbank borrowing to total deposits and large deposits to total deposits which are monitored and communicated to senior management and to ALCO forum regularly. Further, the Bank also prepares the maturity profile of assets and liabilities to monitor the liquidity gaps over different time buckets. For maturity analysis, behavioral study techniques are also used to determine the behavior of non-contractual assets and liabilities based on historic data and statistical techniques. The Bank also ensures to maintain statutory cash and liquidity requirements all times.

#### Liquidity Stress Testing

As per SBP BSD Circular No. 1 of 2012, Liquidity stress testing is being conducted under various stress scenarios. Shocks include the withdrawals of deposits and increase in assets, withdrawals of wholesale/large deposits & interbank borrowing and utilization of undrawn credit lines etc. Results are escalated at the senior level to enable the senior management to take proactive actions to avoid any possible liquidity risk challenges for the Bank.

#### **Contingency Funding Plan**

Contingency Funding Plan (CFP) is a part of liquidity management framework of the Bank which identifies the triggers events that could cause a liquidity crises and describes the actions to be taken to manage the crises. At MCB, a comprehensive liquidity contingency funding plan is prepared which highlights liquidity management chain that needs to be followed. Responsibilities and crises management phases are also incorporated in order to tackle the liquidity crises. Moreover, CFP highlights possible funding sources, in case of a liquidity crises.

#### Main drivers of LCR Results

Main drivers of LCR Results are High Quality Liquid Assets and Net cash outflows. Net cash outflows are mainly expected deposit outflows net of cash inflows which consist of inflows from financing and fully performing exposure up to 1 month. The inputs for calculation of LCR are prescribed by the regulator.



#### Composition of High Quality Liquid Asset-HQLA

High Quality Liquid Assets composed of Level-1 Asset which can be included in the stock of liquid assets at 100% of their market value. The Bank maintained average HQLA of Rs. 609.586 billion (2017: Rs 608.140 billion) against the average liquidity requirement of Rs. 341.045 billion (2017: Rs. 313.260 billion) at prescribed minimum regulatory LCR requirement of 100% (2017: 90.0%). Bank's total HQLA constituted on Level 1 & Level 2B assets. Average level 1 assets of the Bank primarily include Cash & Treasury Balances (including balances held with SBP) and unencumbered investment in Government Securities. The Bank's average level 2b assets primarily include non-financial publically traded common equity shares of the Bank.

#### **Concentration of Funding Sources**

At December 31, 2018, top liability products/instruments and their percentage contribution to Total Liabilities of the Bank were Current & Saving Deposits 70.79%, Term Deposits 6.99%, and Rep borrowings 12.28%. As at December 31, 2018, Total Deposits and Borrowings mobilized from significant counterparties (i.e.; from whom funds borrowed were more than 1.00% of the Bank's Total Assets) constituted 11.09% & 1.93% of Total Assets of the Bank. Moreover, the Bank does not rely on top few depositors to meet its funding requirements. This clearly shows that funding sources for the Bank are well diversified.

#### **Currency Mismatch in the LCR**

The Bank predominately operates in the Pakistani Rupee. FCY exposures are maintained within pre-defined thresholds and liquidity for each foreign currency is managed by utilizing interbank market through currency swaps.

#### Intra-Period Changes (In LCR) as well as changes in Liquidity Risk over time

Bank's average LCR during the year 2018 remained 178.74%.

#### Centralization Of Liquidity Management & Interaction Between The Groups' Units

Overall responsibility for Liquidity risk management of the bank lies with the ALCO, which comprises representatives from all business groups and relevant support groups. The Bank maintains adequate liquidity at all times to meet all obligations as and when they become due. For overseas branches, decentralized approach is followed for day to day liquidity management by taking into consideration both respective host country's and SBP's regulations. **Other Inflows & Outflows** 

2018

2017

There are no other inflows & outflows in the calculations of LCR other than those that are already covered in the disclosure of LCR.

#### Derivative exposures and potential collateral calls

The Bank has no exposure to any counter party that could lead to a potential collateral call arising out of derivative transactions.

	2	018	20	17	
	Total unweighted value (average)	Total weighted value (average)	Total unweighted value (average)	Total weighted value (average)	
		Rupees in	'000		
High quality liquid assets Total high quality liquid assets (HQLA)	-	609,585,939	-	608,139,885	
Cash outflows					
Retail deposits and deposits from small business customers of which:	715,850,499	71,560,334	661,388,556	66,103,070	
stable deposit	494,308	24,715	715,713	35,786	
Less stable deposit	715,356,191	71,535,619	660,672,843	66,067,284	
Unsecured wholesale funding of which:	304,830,977	253,118,004	256,939,960	218,759,871	
Operational deposits (all counterparties)	186,468	20,511	-	-	
Non-operational deposits (all counterparties)	85,911,693	34,364,677	63,633,481	25,453,392	
Unsecured debt	218,732,816	218,732,816	193,306,479	193,306,479	
Secured wholesale funding	-	1,459,536	-	464,762	
Additional requirements of which:	73,489,071	8,199,408	111,925,237	11,203,915	
Outflows related to derivative exposures and other collateral requirements	599,120	599,120	378,890	378,890	
Outflows related to loss of funding on debt products	-	-	-	-	
Credit and Liquidity facilities	72,889,951	7,600,288	111,546,347	10,825,025	
Other contractual funding obligations	28,225,310	28,225,310	27,087,714	27,087,714	
Other contingent funding obligations	769,260,222	15,530,100	665,481,203	11,841,119	
Total Cash outflows		378,092,692		335,460,451	
Cash inflows					
Secured lending	24,583,005 61,003,809	-	637,941 31,700,739	-	
Inflows from fully performing exposures Other Cash inflows	10,918,884	30,683,843 6,364,273	31,700,739 8,895,705	16,147,705 6,052,442	
	10,310,004		0,090,700		
Total Cash inflows		37,048,116		22,200,147	
Total high quality liquid assets (HQLA)		609,585,939		608,139,885	
Total Net Cash outflows Liquidity Coverage Ratio		341,044,576		313,260,304	
Liquiuity Coverage Rallo		178.74%		194.13%	



# 4. Net Stable Funding Ratio (NSFR)

The objective of Net Stable Funding Ratio (NSFR) is to reduce funding risk over a longer time horizon by requiring banks to fund their activates with sufficiently stable sources of funding on ongoing basis. Banks are required to maintain NSFR requirement of at least 100% on an ongoing basis from December 31,2017.

			2018		
		unweighted value			
	No Maturity	Below 6 months		1 year and above 1	weighted value
			below 1 year	year	
			Rupees in '00	)0	
Available stable funding (ASF) Item Capital:					154,416,318
Regulatory capital	136,992,765	-	-	-	136,992,765
Other capital instruments	17,423,553	-	-	-	17,423,553
Retail deposits and deposit from small business customers:					665,596,792
Stable deposits	506,595	-	-	-	481,265
Less stable deposits	739,017,253	-	-	-	665,115,527
Wholesale funding:					56,983,606
Operational deposits	277,307	-	-	-	138,653
Other wholesale funding	-	-	113,689,905	-	56,844,953
Other liabilities:					18,573,842
NSFR derivative liabilities	-			4,359,588	-
All other liabilities and equity not included in other categories	465,229,262	-	4,145,129	16,501,277	18,573,842
Total Available Stable Funding ASF					895,570,558
Required stable funding (RSF) Item					
Total NSFR high-quality liquid assets (HQLA)	-	-	-	-	-
Deposits held at other financial institutions for operational purposes	8,271,878				4,135,939
Performing loans and securities:					136,901,940
Performing loans to financial institutions secured by Level 1 HQLA	-	32,972,346	-	-	3,297,235
Performing loans to financial institutions secured by non-Level 1 HQLA and unsecured performing loans to financial institutions	-	3,195,421	-	-	479,313
Performing loans to non- financial corporate clients, loans to retail and small business customers, and loans to sovereigns, central banks and PSEs, of which:	-	-	-	84,972,277	72,226,435
With a risk weight of less than or equal to 35% under the Basel II Standardised Approach for credit risk	-	-	-	51,765,596	33,647,638
Securities that are not in default and do not qualify as HQLA including exchange-traded equities.			4,904,833	26,707,566	27,251,319
Other assets:					501,231,489
Physical traded commodities, including gold	-	-	-	-	-
Assets posted as initial margin for derivative contracts	-	-	-	-	-
NSFR derivative assets				4,347,014	-
NSFR derivative liabilities before deduction of variation margin posted				4,359,588	871,918
All other assets not included in the above categories	493,935,406	165,755,558	3,607,096	-	500,359,571
Off-balance sheet items					43,408,747
Total Required stable funding (RSF)					685,678,115
Net Stable Funding Ratio (%)					130.61%



			2017		
	l	unweighted value	by residual matu		
	No Maturity	Below 6 months	6 months to below 1 year	1 year and above 1 year	weighted value
				)0	
ailable stable funding (ASF) Item			·		
Capital:					157,525,89
Regulatory capital	135,100,820	-	-	-	135,100,82
Other capital instruments	22,425,077	-	-	-	22,425,07
Retail deposits and deposit from small business customers:					596,566,96
Stable deposits	809,930				769,43
Less stable deposits	661,997,262				595,797,53
Wholesale funding:					33,771,46
Operational deposits	106,083				53,04
Other wholesale funding			67,436,842		33,718,42
Other liabilities:					26,414,32
NSFR derivative liabilities				28,289	20,111,02
All other liabilities and equity not included in other categories	409,773,609		6,437,609	23,195,520	26,414,32
Total ASF					814,278,65
				•	014,270,05
quired stable funding (RSF) Item					
Total NSFR high-quality liquid assets (HQLA)	-	-	-	-	-
Deposits held at other financial institutions for operational purposes	666,586				333,29
Performing loans and securities:					127,755,14
Performing loans to financial institutions secured by Level 1 HQLA		619,028			61,90
Performing loans to financial institutions secured by non-Level 1 HQLA and unsecured performing loans to financial institutions		5,256,964			788,54
Performing loans to non- financial corporate clients, loans to retail and small business customers, and loans to sovereigns, central banks and PSEs, of which:				116,311,182	90,502,16
With a risk weight of less than or equal to 35% under the Basel II Standardised Approach for credit risk				41,811,721	
Securities that are not in default and do not qualify as HQLA including exchange-traded equities.			1,307,544	37,768,363	36,402,53
Other assets:					468,093,48
	-	-	-	-	
Physical traded commodities, including gold		-	-	-	-
Physical traded commodities, including gold Assets posted as initial margin for derivative contracts	-			-	10,71
	-	39,004	-		
Assets posted as initial margin for derivative contracts NSFR derivative assets NSFR derivative liabilities before deduction of variation margin posted	-	39,004 28,289	-	-	5,65
Assets posted as initial margin for derivative contracts NSFR derivative assets	465,817,884			-	,
Assets posted as initial margin for derivative contracts NSFR derivative assets NSFR derivative liabilities before deduction of variation margin posted		28,289	-	-	468,077,10
Assets posted as initial margin for derivative contracts NSFR derivative assets NSFR derivative liabilities before deduction of variation margin posted All other assets not included in the above categories		28,289	-	-	5,65 468,077,10 <b>36,026,08</b> 632,207,99