

Bank of China (Malaysia) Berhad

Risk Weighted Capital Adequacy Framework (Basel II) –
Disclosure Requirements (Pillar 3)

31 December 2016

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1. Introduction

Pursuant to Bank Negara Malaysia's ("BNM") Risk-Weighted Capital Adequacy Framework ("RWCAF"), banking institutions are to make available Pillar 3 disclosure for financial reporting beginning 1 January 2010.

RWCAF is based around three Pillars:

- Pillar 1 requires banking institutions to define rules for the computation of minimum capital requirement for credit risk, market risk and operational risk.
- Pillar 2 requires banking institutions to implement an Internal Capital Adequacy Assessment Process ("ICAAP") for other risks not covered by Pillar 1.
- Pillar 3 requires expanded disclosures to allow market participants to understand the risk profiles of the bank.

The Bank adopts The Standardised Approach ("SA") in computing the capital requirements for credit risk and market risk and adopts The Basic Indicator Approach ("BIA") for operational risk of the Pillar 1 under BNM's RWCAF.

Under SA, standard risk weights are used to assess the capital requirements for exposures in credit risk and market risk. The capital requirement for operational risk under BIA is computed based on average of a fixed percentage of positive annual income over the previous 3 years (equivalent to 12 quarters).

The Pillar 3 disclosure will be published in the Bank's website, www.boc.cn/malaysia.

2. Scope of Application

Bank of China (Malaysia) Berhad ("Bank") is a limited liability company, incorporated and domiciled in Malaysia. The holding company of the Bank is Bank of China (Hong Kong) Limited, incorporated in Hong Kong whereas the ultimate holding company is Central Huijin Investment Ltd. (owned by Ministry of Finance, PRC), incorporated in China*. The principal activities of the Bank are commercial banking and related financial services. The Bank does not offer Islamic financial services nor involved in Islamic banking operations.

The Bank has a wholly owned subsidiary company which engaged in non-financial activities and the investment in subsidiary has been deducted from regulatory capital. As the subsidiary company's assets size is not significant in relation to the Bank's assets, there is no separate group consolidation for capital adequacy for regulatory capital reporting. For the purposes of this report, the disclosures presented within will be representative of the Bank entity disclosures only.

The disclosures have been reviewed by internal auditors and certified by Bank of China (Malaysia) Berhad's Chief Executive Officer.

*Notes: * Pursuant to a Share Sale and Purchase Agreement date 30 June 2016 entered into between Bank of China Limited ("BOCL") and Bank of China (Hong Kong) Limited ("BOCHK"), BOCL agreed to sell, and BOCHK agreed to Purchase, 760,518,480 fully paid ordinary share of RM1.00 each in the Bank comprising of the entire issued and paid up share capital of the Bank at the total consideration of RM2,025,000,000.00. The Sale and Purchase exercise was completed on 17 October 2016.*

3 Capital

3.1 Capital Management

The Bank's capital management is guided by the Bank's Capital Management Policy which sets out the minimum policies and procedures that the Bank needs to put in place and apply within its capital management programme, and the minimum criteria it should use to ensure that the Bank has adequate capital and effective plans to prudently manage the Bank's capital requirement to support the development of business, to meet regulatory capital requirements at all times and to maintain good risk rating. Capital Contingency Plan has been put in place where actions to be taken have been specified to address the capital adequacy issue in case the capital ratio falls below warning trigger ratio and Internal Capital Target ratio.

The objective of the Bank's capital management is to ensure that the Bank maintains sufficient capital at an appropriate level, meeting the requirement of all applicable regulatory standards and guidelines, risk compensation in line within the Bank's risk appetite, business development and return on capital is sufficient to satisfy the expectations of shareholders. In addition, through effective allocation of capital, and capital investment instruments, the Bank strives to continuously enhance its financial effectiveness, improve capital value, and ultimately maximize shareholders' value while controlling risk.

The Board of Director (BOD) shall assume the primary responsibility in ensuring capital is adequate to cover material risks inherent in the Bank by meeting all relevant regulatory standards and guidelines. Internal capital trigger point and minimum capital level is set for Total Capital ratio.

The Bank's capital management framework mainly focuses on capital planning, capital contingent plan and capital funding management. Annual business targets, Risk Appetite Statement and three-year projected business plans with financial projections and capital requirements are approved by the BOD yearly.

Capital adequacy and regulatory capital are closely monitored by Management, employing techniques based on the guidelines of Basel II for supervisory purposes. The information is reported to Management on a monthly basis and to the Board via the interim financial statement on a quarterly basis.

3.2 Capital Adequacy Ratio

With effect from 1 January 2016, the total capital and capital adequacy ratios of the Bank is computed in accordance with Bank Negara Malaysia's revised Capital Adequacy Framework (Capital Components) Policy dated 13 October 2015. The Bank has adopted the Standardised Approach for Credit Risk and Market Risk, and Basic Indicator Approach for Operational Risk. In line with the transitional arrangements under Bank Negara Malaysia's revised Capital Adequacy Framework (Capital Components), the Bank require to hold and maintain capital buffers specified by Bank Negara Malaysia in the form of Common Equity Tier 1 Capital (CET 1), Tier 1 Capital and Total Capital ratios.

The capital buffers shall comprises sum of the following:

- a) Capital Conservation Buffer (CCB) of 2.5% phased-in from 2016 to 2019 [2016: +0.625%, 2017: +1.25%; 2018: +1.875%; 2019: +2.5%]
- b) Countercyclical Capital Buffer (CCyB), determined as the weighted average of the prevailing CCyB rates applied in the jurisdictions in which the bank has credit exposures. (intended to protect the banking sector as a whole from the build-up of systemic risk during an economic upswing when aggregate credit growth tends to be excessive.) (Maximum is 2.50%)

The minimum capital adequacy requirement for year 2016:

CET 1 Ratio (including CCB and CCyB)	5.125% (4.5% in year 2015)
Tier 1 Capital Ratio (including CCB and CCyB)	6.625% (6.0% in year 2015)
Total Capital Ratio (including CCB and CCyB)	8.625% (8.0% in year 2015)

Total CET 1 and Total capital ratio are as follows:

	<u>Dec 2016</u>	<u>Dec 2015</u>
	RM'000	RM'000
<u>Before/After deducting proposed dividends</u>		
CET 1 capital ratio	20.111%	21.310%
Tier 1 capital ratio	20.111%	21.310%
Total capital ratio	21.100%	22.354%

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The breakdown of risk-weighted assets (“RWA”) by exposures in each major risk category are as follow:

<u>31 Dec 2016</u>	<u>Gross exposure</u> RM'000	<u>Net exposure</u> RM'000	<u>Risk- Weighted assets</u> RM'000	<u>Capital requirements</u> RM'000
<u>Exposure class</u>				
(i) <u>Credit Risk</u>				
<i>On-balance sheet exposure:</i>				
Sovereigns & central banks	2,847,459	2,847,459	-	-
Banks, development financial institutions & MDBs*	1,164,182	1,164,182	240,781	19,262
Corporate	4,769,624	4,152,871	4,152,554	332,204
Regulatory Retail	110,702	108,546	83,320	6,666
Residential mortgages	283,833	282,886	103,672	8,293
Other assets	90,079	90,079	67,639	5,411
	<hr/>	<hr/>	<hr/>	<hr/>
Total on-balance sheet exposure	9,265,879	8,646,023	4,647,966	371,836
<i>Off-balance sheet exposures:</i>				
Credit-related off-balance sheet exposure	1,336,612	1,269,362	1,156,082	92,487
	<hr/>	<hr/>	<hr/>	<hr/>
Total credit risk	10,602,491	9,915,385	5,804,048	464,323
	<hr/> <hr/>	<hr/> <hr/>		
<u>Net long position</u>				
(ii) <u>Market Risk</u>				
Foreign currency risk	12,611		12,611	1,009
	<hr/>			
(iii) <u>Operational Risk</u>				
			406,461	32,517
			<hr/>	<hr/>
Total risk weighted assets and capital requirement			6,223,120	497,849
			<hr/> <hr/>	<hr/> <hr/>

* Multilateral Development Banks (“MDBs”)

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The breakdown of risk-weighted assets (“RWA”) by exposures in each major risk category are as follow:

<u>31 Dec 2015</u>	<u>Gross exposure</u> RM'000	<u>Net exposure</u> RM'000	<u>Risk- Weighted assets</u> RM'000	<u>Capital requirements</u> RM'000
<u>Exposure class</u>				
(i) <u>Credit Risk</u>				
<i>On-balance sheet exposure:</i>				
Sovereigns & central banks	1,644,950	1,644,950	-	-
Banks, development financial institutions & MDBs*	2,209,574	2,209,574	559,599	44,768
Corporate	4,174,983	3,597,107	3,512,566	281,006
Regulatory Retail	118,104	115,883	88,905	7,112
Residential mortgages	271,725	270,835	102,254	8,180
Other assets	66,476	66,476	49,614	3,969
	<hr/>	<hr/>	<hr/>	<hr/>
Total on-balance sheet exposure	8,485,812	7,904,825	4,312,938	345,035
<i>Off-balance sheet exposures:</i>				
Credit-related off-balance sheet exposure	1,168,726	1,148,014	708,690	56,695
	<hr/>	<hr/>	<hr/>	<hr/>
Total credit risk	9,654,538	9,052,839	5,021,628	401,730
	<hr/> <hr/>	<hr/> <hr/>	<hr/> <hr/>	<hr/> <hr/>
<u>Net long position</u>				
(ii) <u>Market Risk</u>				
Foreign currency risk	9,179		9,179	734
	<hr/>		<hr/>	<hr/>
(iii) <u>Operational Risk</u>				
			339,583	27,167
			<hr/>	<hr/>
Total risk weighted assets and capital requirement			5,370,390	429,631
			<hr/> <hr/>	<hr/> <hr/>

* Multilateral Development Banks (“MDBs”)

3.3 Capital Structure

The Bank's regulatory capital is divided into CET 1 and Tier 2 capital.

CET 1 capital consists of share capital, capital reserves, reserves created by appropriations of retained earnings and retained earnings. Tier 2 capital consists of general allowances, revaluation reserves and others.

Goodwill, investment in subsidiaries, investments in entities engaged in banking and financial services which are not consolidated in the financial statement, investment properties and investments in commercial corporations are deducted from core and Tier 2 capital to arrive at the regulatory capital.

Components of CET 1 and Tier 2 capital:

	<u>Dec 2016</u> RM'000	<u>Dec 2015</u> RM'000
<u>CET 1 capital</u>		
Paid-up ordinary share capital	760,518	760,518
Retained profits	215,751	163,473
Other reserves	279,786	223,231
Regulatory reserves	26,948	22,671
	<u>1,283,003</u>	<u>1,169,893</u>
Less: Regulatory adjustments applied in the calculation of CET 1 capital		
-Deferred tax assets	(4,553)	(2,783)
-Regulatory reserve attributable to loans and advances	(26,948)	(22,671)
	<u>1,251,502</u>	<u>1,144,439</u>
Total CET 1 capital	<u>1,251,502</u>	<u>1,144,439</u>
Total Tier 1 capital	<u>1,251,502</u>	<u>1,144,439</u>
<u>Tier-2 capital</u>		
Collective impairment allowance	35,657	34,407
Regulatory reserves	26,948	22,671
Less: Investment in subsidiary	(1,000)	(1,000)
	<u>61,605</u>	<u>56,078</u>
Total tier-2 capital	<u>61,605</u>	<u>56,078</u>
Total capital base	<u><u>1,313,107</u></u>	<u><u>1,200,517</u></u>
<u>Capital ratios</u>		
CET 1 capital ratio	20.111%	21.310%
Tier 1 capital ratio	20.111%	21.310%
Total capital ratio	21.100%	22.354%

4. Risk Management
4.1 Risk Management Framework

Risk Governance

The risk governance of the Group and the Bank are as follows:

Establish Risk Appetite, risk Tolerance and Policy & Framework	Board of Directors (“BOD”)
	Board Risk Management Committee (“BRMC”)
Ensure Implementation of Risk Policy and Compliance with The Risk Tolerance and Others	Risk Management and Internal Control Committee (“RMICC”)
	Senior Management
	Risk Management Department (“RMD”)
Implement and Comply with Risk Policy and Monitoring of Risk Tolerance	Internal Audit Department
	All the Departments and Branches

The BOD is ultimately responsible for the oversight and management of risks of the Group and the Bank.

RMICC assists the BRMC and BOD in risk management oversight, responsible for assessing the development of risk policies, reviewing risk policies and exposure, aligning risk management with business strategies and planning, ensuring that infrastructure, resources and systems are put in place for effective risk management activities.

The Internal Audit Department is responsible in providing an independent review on Risk Management Framework and to assess the soundness and adequacy of internal controls of the Bank.

The independent Risk Management Department provides crucial support to the RMICC and BRMC for implementing the risk policies and overseeing the compliance. They are also responsible for the identification, measurement, monitoring and reporting of risk.

The Business Units are the first line of defense against risk that responsible for identifying, mitigating and managing risk within their line of business to ensure the day-to-day business activities are carried out within the established risk policies, tolerance and procedures.

Risk Management Approach

Pillar 2 requires the banking institutions to assess their internal capital requirements in relation to their risk profile of their business through the Internal Capital Adequacy Assessment Process (“ICAAP”) beyond the capital requirements for credit, operational and market risks under Pillar 1 in a more forward-looking approach.

The Bank's ICAAP is guided by the ICAAP Policy detailing the responsibilities, approaches, methodologies for identifying and measuring risks, stress testing, reporting and review process, capital planning including a 3 year-plans, independent review, and

etc. The Bank has undertaken a self-assessment to evaluate the existing capital and risk management practices against the expectations set forth by BNM, as well as actions to close the gaps.

The internal adequacy assessment is stressed-tested based on specific stress scenarios, mainly using quantitative analysis, covering main risks across the business lines and taking full consideration to the impact of macroeconomics changes to assess the impact on Bank's capital adequacy. The stress test results will be submitted semi-annually to BNM.

The Bank has identified the key risks and put in place measurements and control to mitigate those risks; and throughout the Bank's risk assessment process, stress testing and scenario testing are employed to ensure that the capital is adequate to cover the risk which are not fully captured under Pillar 1, such as liquidity risk, interest rate risk in banking book and concentration risks. Such information allows senior management to identify adverse trend, take preventive and corrective measures and formulate business strategies.

5 Credit Risk

Credit risk is the risk of financial loss that results from borrower or counterparty failing to perform its contractual. Credit risk arises primarily from lending activities and represents the major risk of the Bank.

The Bank structures the levels of credit risk it undertakes by placing limits on the amount of risk acceptable in relation to one borrower, or group of borrowers and industry segments. Such risks are monitored on a regular basis and are subject to annual or more frequent review. Limits on the single customer, by group of customers, by industry sectors and other procedures set by the relevant authorities and holding company are adopted by the Bank for monitoring of the credit risks.

Monitor and Mitigation of Material Risks

- Prudent customer selection is achieved in collaboration with our business line counterparts who stand as the first line of defense. It is noticeable that the Bank has adequate management of its credit risk by increasing its portfolio in better risk rating category and most loans are rated "BBB" or better. Weaker rating (below BBB) are adequately mitigated through credit risk mitigants such as collaterals or guarantees;
- The Bank applies the 3-in-One concept of approval process where credit exposures are independently assessed by Credit Approval Department and deliberated by the Credit Evaluation Panel ("CEP"), and then submitted to CEO for final decision. Experienced and competent key personnel are appointed to the CEP to assist the CEO in assessing the credit application and major credit decisions, to provide recommendation to CEO for final decision. CEO has the discretion to reject or modify terms and conditions of the loans passed by CEP. For cases which needs Bank of China (Hong Kong) Limited's (incorporated in Hong Kong) consultation, the Board

Risk Management Committee has the veto power to reject credit or modify the terms and conditions which have been approved by the delegated approving authorities.

- The Bank continued to analyze its credit exposure portfolio and report to Management on a monthly basis through RMICC and to the Board Risk Management Committee and Board of Directors on a quarterly basis.

5.1 Past Due and Impaired Loan

The loans/financing of the Bank is considered past due when the repayment amount due and unsettled on the due date. A loan is considered to be past due when the counterparty has failed to make a principal or interest payment when contractually due. Individual loan of more than 90 days past due is classified as impaired and any other events occurred as per the policies.

The classification of impaired loans/financing and provision of the Bank for loans/financing impairment is consistent with the standard under Malaysian Financial Reporting Standards (“MFRS”) 139 –Financial Instruments Recognition and Measurement issued by Malaysian Accounting Standards Board (“MASB”) and guidelines by BNM on “Classification and Impairment Provisions for Loans/Financing”.

The loans/financing (“loan(s)”) of the Bank are classified as impaired when they meet the following criteria:

- i. where the principal or interest or both of the loan is past due for more than 90 days or 3 months. In the case of revolving facilities, (e.g. overdraft facilities), the facility shall be classified as impaired where the outstanding amount has remained in excess of the approved limit for a period of more than 90 days or 3 months; or
- ii. where the amount is past due or the outstanding amount has been in excess of the approved limit for 90 days or 3 months or less, the loan exhibits objective evidence of weaknesses that would render the account as impaired; or
- iii. Where repayments are scheduled on intervals of 3 months or longer, the loan/financing is classified as impaired as soon as a default occurs, unless it does not exhibit any objective evidence of weaknesses that would render the account as impaired.
- iv. when the loan is classified as rescheduled and restructured (with increase of credit risk) in CCRIS.

For impaired loans, the Bank shall conduct individual impairment assessment and to set aside the individual impairment provisions if the estimated recoverable amount (present value of estimated future cash flows discounted at original effective interest rate) is lower than the net book value of the loan.

For all non-impaired loans and individually assessed impaired loans but there is no impairment provision exists, the loans are grouped according to their credit risk characteristics for the purpose of calculating an estimated collective loss. The Bank have applied the Collective Impairment Provision in line with the Standard under MFRS139 and has been independently verified by external auditor.

5.2 Geographical Analysis

Geographic distribution of credit exposures, broken down in geographical location where the credit risk resides by major types of gross credit exposures

31 December 2016

Credit exposure	Geography				
Asset Class	Malaysia	China	Hong Kong	Other	Total
	RM'000	RM'000	RM'000	RM'000	RM'000
Sovereigns & central banks	2,847,459	-	-	-	2,847,459
Banks, development financial institutions & MDBs	291,090	171,900	378,217	456,872	1,298,079
Corporates	4,831,613	575,894	218,761	297,044	5,923,312
Regulatory retails	108,575	5,066	1,234	1,862	116,737
Residential mortgages	73,043	201,341	7,722	44,719	326,825
Other assets	90,079	-	-	-	90,079
Total	8,241,852	954,201	605,934	800,497	10,602,491

31 December 2015

Credit exposure	Geography				
Asset Class	Malaysia	China	Hong Kong	Other	Total
	RM'000	RM'000	RM'000	RM'000	RM'000
Sovereigns & central banks	1,644,950	-	-	-	1,644,950
Banks, development financial institutions & MDBs	456,906	237,576	433,935	1,235,429	2,363,846
Corporates	3,761,263	508,627	151,635	111,437	4,532,962
Regulatory retails	117,900	3,278	1,253	1,722	124,153
Residential mortgages	80,816	187,648	7,479	44,509	320,452
Other assets	66,476	-	-	-	66,476
Total	6,128,311	937,129	594,302	1,393,097	9,052,839

5.3 Industry Analysis

Distribution of exposures by sector, broken down by major types of gross credit exposures

31 December 2016

Credit exposure	Category						Total
	Sovereigns & central banks	Banks, development financial institutions & MDBs	Corporates	Regulatory Retails	Residential mortgages	Other assets	
Sector	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000
Primary agriculture	-	-	482,001	2,639	-	-	484,640
Mining & Quarrying	-	-	175,937	-	-	-	175,937
Manufacturing	-	-	1,605,493	352	-	-	1,605,845
Electricity, gas & water supply	-	-	366,221	-	-	-	366,221
Construction	-	-	898,644	-	-	-	898,644
Real Estate	-	-	1,082,707	9,599	-	-	1,092,306
Research & Development	-	-	-	-	-	-	-
Wholesale & retail trade & restaurant & hotels	-	-	290,826	2,156	-	-	292,982
Transport, storage & communication	-	-	339,938	194	-	-	340,132
Finance, insurance & business services	-	1,298,079	135,415	164	-	90,079	1,523,737
Household	-	-	514,951	101,460	326,825	-	943,236
Government & government agencies	2,847,459	-	-	-	-	-	2,847,459
Education, health & others	-	-	5,332	173	-	-	5,505
Others	-	-	25,847	-	-	-	25,847
Total	2,847,459	1,298,079	5,923,312	116,737	326,825	90,079	10,602,491

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Distribution of exposures by sector, broken down by major types of gross credit exposures (continued)

31 December 2015

Credit exposure	Category						Total
	Sovereigns & central banks	Banks, development financial institutions & MDBs	Corporates	Regulatory Retails	Residential mortgages	Other assets	
Sector	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000
Primary agriculture	-	-	404,798	3,065	-	-	407,863
Mining & Quarrying	-	-	67,948	-	-	-	67,948
Manufacturing	-	-	1,172,762	1,251	-	-	1,174,013
Electricity, gas & water supply	-	-	78,660	-	-	-	78,660
Construction	-	-	768,486	498	-	-	768,984
Real Estate	-	-	1,115,403	8,724	-	-	1,124,127
Research & Development	-	-	1	-	-	-	1
Wholesale & retail trade & restaurants & hotels	-	-	262,816	2,984	-	-	265,800
Transport, storage & communication	-	-	275,155	316	-	-	275,471
Finance, insurance & business services	-	2,363,846	50,043	958	-	66,476	2,481,323
Household	-	-	296,053	105,922	320,452	-	722,427
Government & government agencies	1,644,950	-	-	-	-	-	1,644,950
Education, health & others	-	-	5,624	435	-	-	6,059
Others	-	-	35,213	-	-	-	35,213
Total	1,644,950	2,363,846	4,532,962	124,153	320,452	66,476	9,052,839

5.4 Maturity Analysis

Original contractual maturity breakdown by major types of gross credit exposures

31 December 2016

Credit exposure	Maturity			Total
	Up to one year	1-5 year	>5years	
Category	RM'000	RM'000	RM'000	RM'000
Sovereigns & central banks	2,847,459	-	-	2,847,459
Banks, development financial institutions & MDBs	1,184,072	77,132	36,875	1,298,079
Corporates	3,095,112	1,153,790	1,674,410	5,923,312
Regulatory retails	18,225	116	98,396	116,737
Residential mortgages	-	-	326,825	326,825
Other assets	38,761	51,318	-	90,079
Total	7,183,622	1,282,356	2,136,506	10,602,491

31 December 2015

Credit exposure	Maturity			Total
	Up to one year	1-5 year	>5years	
Category	RM'000	RM'000	RM'000	RM'000
Sovereigns & central banks	1,644,950	-	-	1,644,950
Banks, development financial institutions & MDBs	1,823,519	482,036	58,291	2,363,846
Corporates	1,942,509	981,184	1,609,269	4,532,962
Regulatory retails	20,367	892	102,894	124,153
Residential mortgages	-	38	320,414	320,452
Other assets	24,487	41,989	-	66,476
Total	5,455,832	1,506,139	2,090,868	9,052,839

5.5 Impaired loans and impairment provision by economic sector

(a) Impaired loans by sector:

	<u>Dec 2016</u>	<u>Dec 2015</u>
	RM'000	RM'000
Household	2,847	6,271
Manufacturing	106,098	33,664
Real Estate	-	-
Transport, Storage & Communication	2,009	2,990
Finance, Insurance & Business Services	280	487
	<u>111,234</u>	<u>43,412</u>

(b) Past due loans by sector:

	<u>Bank</u>	
	Dec 2016	Dec 2015
	RM'000	RM'000
Primary agriculture	4,162	35,983
Manufacturing	-	-
Construction	-	-
Real estate	32,542	14,808
Wholesale and retail trade and restaurants and hotels	-	2,513
Transport, storage and communication	-	-
Finance, insurance and business services	-	-
Household	23,075	25,479
Others	-	-
	<u>59,779</u>	<u>78,783</u>

(c) Individual impairment provisions by sector:

	<u>Dec 2016</u>	<u>Dec 2015</u>
	RM'000	RM'000
Household	37	800
Manufacturing	17,476	6,441
Transport, Storage & Communication	-	59
Finance, Insurance & Business Services	235	453
	<u>17,748</u>	<u>7,753</u>

(d) Collective impairment provisions by sector:

	<u>Dec 2016</u>	<u>Dec 2015</u>
	RM'000	RM'000
Primary agriculture	3,668	3,140
Mining & Quarrying	1,333	425
Manufacturing	8,841	8,275
Electricity, Gas & Water Supply	2,713	649
Construction	4,252	4,196
Real estate	8,193	9,579
Wholesale and retail trade and restaurants and hotels	2,063	2,125
Transport, storage and communication	1,223	859
Finance, insurance and business services	1,155	2,613
Household	2,001	2,299
Education, health & others	43	49
Others	194	198
	<u>35,679</u>	<u>34,407</u>

5.6 Impaired loans and impairment provision by geographical area

All impaired loans and impairment provision were from customers residing in Malaysia.

5.7 Reconciliation of changes to loan impairment provisions

	<u>Dec 2016</u> RM'000	<u>Dec 2015</u> RM'000
<u>Impaired loans and advances</u>		
At beginning of the financial year	43,412	16,965
Classified as impaired during the year	75,106	38,104
Amount recovered	(7,194)	(8,244)
Amount written-off	-	-
Amount reclassified as Performing	-	(3,413)
	<hr/>	<hr/>
At end of the financial year	111,234	43,412
Individual impairment allowance	(17,748)	(7,753)
	<hr/>	<hr/>
Net impaired loans and advances	<u>93,486</u>	<u>35,659</u>
	 <u>Dec 2016</u> RM'000	 <u>Dec 2015</u> RM'000
<u>Individual impairment allowance</u>		
At the beginning of the financial year	7,753	899
Allowance made during the financial year	11,774	7,090
Allowance written back during the financial year	(1,779)	(236)
	<hr/>	<hr/>
At end of the financial year	<u>17,748</u>	<u>7,753</u>
	 <u>Collective impairment allowance</u>	
As beginning of the financial year	34,407	26,962
Allowance made during the financial year	799	5,925
Exchange Rate Differences	473	1,520
	<hr/>	<hr/>
At the end of the financial year	<u>35,679</u>	<u>34,407</u>

6. Credit Rating

The Bank credit rating on gross loans and advances are identified based on the following internal credit grading system:

- “AAA – A” refers to customers have a good credit status, low probability of default within the next year, strong repayment capability and limited credit risks.
- “BBB – B” refers to customers have a good credit status, relatively low probability of default within the next year, guaranteed repayment capability and uncertainties in their risk.
- “CCC – C” refers to customers have a poor credit status, high probability of defaults within the next year, poor operating condition and financial status and significant credit risks.
- “D” refers to customers have defaulted by the time of rating. Customers that have defaulted are directly rated D.

Under the standardized comprehensive approach, the bank make use of credit rating assigned by External Credit Assessment Institutions (“ECAIs”) that are recognized by BNM in its calculation of credit risk weighted assets for capital adequacy purposes.

Disclosures on Rated Exposures according to Ratings by ECAIs.

Note: Definition of Default

Default is recognized in any of the following circumstances:

- The customers’ credit assets at the Bank are classified as doubtful or loss by the time of rating.
- The customers’ credit principal at the Bank is overdue for over 90 days (inclusive) by the time of rating.
- The customers’ interest at the Bank is overdue for over 90 days (inclusive) by the time of rating.

6.1 Disclosure on Credit Risk: Disclosure on Risk Weights under Standardised Approach

31 December 2016

Risk Weights	Exposures after Netting and Credit Risk Mitigation						Total exposures after Netting & Credit Risk Mitigation RM'000	Total Risk Weighted Assets RM'000
	Sovereigns & Central Banks RM'000	Banks, MDBs and FDI's RM'000	Corporate RM'000	Regulatory Retails RM'000	Residential Mortgages RM'000	Other Assets RM'000		
0%	2,847,459	-	-	-	-	22,440	2,869,899	-
20%	-	1,189,876	68,138	-	-	-	1,258,014	251,603
35%	-	-	-	-	301,587	-	301,587	105,555
50%	-	104,353	12,300	-	22,243	-	138,896	69,448
75%	-	-	-	111,753	-	-	111,753	83,815
100%	-	3,850	5,044,925	-	2,039	67,639	5,118,453	5,118,453
150%	-	-	114,206	2,577	-	-	116,783	175,174
Average Risk Weights							9,915,385	5,804,048
Deduction from Capital Base	-	-	-	-	-	-	-	

6.1 Disclosure on Credit Risk: Disclosure on Risk Weights under Standardised Approach (continued)

31 December 2015

Risk Weights	Exposures after Netting and Credit Risk Mitigation						Exposures after Netting and Credit Risk Mitigation RM'000	Total exposures after Netting & Credit Risk Mitigation RM'000
	Sovereigns & Central Banks RM'000	Banks, MDBs and FDI RM'000	Corporate RM'000	Regulatory Retails RM'000	Residential Mortgages RM'000	Other Assets RM'000		
0%	1,644,950	-	39,838	-	-	16,862	1,701,650	-
20%	-	1,819,784	4,947	-	-	-	1,824,731	364,946
35%	-	-	-	-	287,135	-	287,135	100,497
50%	-	544,062	773,438	-	27,075	-	1,344,575	672,288
75%	-	-	-	121,467	2,628	-	124,095	93,071
100%	-	-	3,677,079	-	3,614	49,614	3,730,307	3,730,308
150%	-	-	37,660	2,686	-	-	40,346	60,518
Average Risk Weights							9,052,839	5,021,628
Deduction from Capital Base								

6.2 Rated Exposures according to Ratings by ECAIs

31 December 2016

Exposure Class	Ratings of Sovereigns and Central Banks by Approved ECAIs						
	Moodys	Aaa to Aa3	A1 to A3	Baa1 to Baa3	Ba1 to B3	Caa1 to C	Unrated
	S&P	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	CCC+ to D	Unrated
	Fitch	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	CCC+ to D	Unrated
	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000
<u>On and Off Balance Sheet Exposures</u>							
Sovereigns/Central Banks	-	-	2,847,459	-	-	-	-
Total	-	-	2,847,459	-	-	-	-

Exposure Class	Ratings of Sovereigns and Central Banks by Approved ECAIs						
	Moodys	Aaa to Aa3	A1 to A3	Baa1 to Baa3	Ba1 to B3	Caa1 to C	Unrated
	S&P	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	CCC+ to D	Unrated
	Fitch	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	CCC+ to D	Unrated
	RAM	AAA to AA3	A to A3	BBB+ to BBB-	BB1 to B3	C1 to D	Unrated
	MARC	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	C+ to D	Unrated
	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000
<u>On and Off Balance Sheet Exposures</u>							
Banks, MDBs and FDIs	-	214,852	937,660	141,938	-	-	3,629
Total	-	214,852	937,660	141,938	-	-	3,629

6.2 Rated Exposures according to Ratings by ECAIs (continued)

Exposure Class	Ratings of Corporate by Approved ECAIs					
	Moody's	Aaa to Aa3	A1 to A3	Baa1 to Ba3	B1 to C	Unrated
	S&P	AAA to AA-	A+ to A-	BBB+ to BB-	B+ to D	Unrated
	Fitch	AAA to AA-	A+ to A-	BBB+ to BB-	B+ to D	Unrated
	RAM	AAA to AA3	A to A3	BBB1 to BB3	B to D	Unrated
	MARC	AAA to AA-	A+ to A-	BBB+ to BB-	B+ to D	Unrated
	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000
<u>On and Off Balance Sheet Exposures</u>						
<u>Credit Exposure (using Corporate Risk Weights)</u>						
Corporate	-	78,901	1,151,146	59,126	-	4,634,139
Total	-	78,901	1,151,146	59,126	-	4,634,139

31 December 2015

Exposure Class	Ratings of Corporate by Approved ECAIs					
	Moody's	Aaa to Aa3	A1 to A3	Baa1 to Ba3	B1 to C	Unrated
	S&P	AAA to AA-	A+ to A-	BBB+ to BB-	B+ to D	Unrated
	Fitch	AAA to AA-	A+ to A-	BBB+ to BB-	B+ to D	Unrated
	RAM	AAA to AA3	A to A3	BBB1 to BB3	B to D	Unrated
	MARC	AAA to AA-	A+ to A-	BBB+ to BB-	B+ to D	Unrated
	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000
<u>On and Off Balance Sheet Exposures</u>						
<u>Credit Exposure (using Corporate Risk Weights)</u>						
Corporate	-	-	766,087	86,010	-	3,680,865
Total	-	-	766,087	86,010	-	3,680,865

6.2 Rated Exposures according to Ratings by ECAIs (continued)

Exposure Class	Ratings of Sovereigns and Central Banks by Approved ECAIs						
	Moodys	Aaa to Aa3	A1 to A3	Baa1 to Baa3	Ba1 to B3	Caa1 to C	Unrated
	S&P	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	CCC+ to D	Unrated
	Fitch	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	CCC+ to D	Unrated
	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000
<u>On and Off Balance Sheet Exposures</u>							
Sovereigns/Central Banks	-	-	1,644,950	-	-	-	-
Total	-	-	1,644,950	-	-	-	-

Exposure Class	Ratings of Sovereigns and Central Banks by Approved ECAIs						
	Moodys	Aaa to Aa3	A1 to A3	Baa1 to Baa3	Ba1 to B3	Caa1 to C	Unrated
	S&P	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	CCC+ to D	Unrated
	Fitch	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	CCC+ to D	Unrated
	RAM	AAA to AA3	A to A3	BBB+ to BBB-	BB1 to B3	C1 to D	Unrated
	MARC	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	C+ to D	Unrated
	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000
<u>On and Off Balance Sheet Exposures</u>							
Banks, MDBs and FDIs	-	-	2,331,585	21,302	-	-	10,959
Total	-	-	2,331,585	21,302	-	-	10,959

7. Credit Risk Mitigation

The Bank is granting the credit facilities based on the credit standing of the customer, source of repayment, debt servicing ability and collateral(s)/ guarantees/ etc as the credit risk mitigant(s) (CRM). The credit facilities may be granted unsecured premised on the merit of the customer’s standing.

The main types of tangible collateral obtained by the Bank to mitigate credit risk are as follows:

No	Types of Collaterals
1	Fixed Deposits, Cash Margin
2	Residential Property
3	Non-Residential Property (e.g. shop, factory, warehouse, land, complex, etc.)
4	Quoted Shares

The Bank also accepts guarantees from individuals, corporate and institutional customers to mitigate credit risk subject to internal guidelines on eligibility.

Valuation report of property by panel valuer is required by the Bank to ensure the value is fair unless is exempted by the Bank. Generally, the value of the property charged is updated during the periodic credit review to reflect the current market value.

For the computation of capital adequacy requirements for collateralized transactions, the Bank has since in August 2013 applied **comprehensive approach**, which allows greater offset of CRM against exposures, by effectively reducing the exposure amount by the value ascribed to the collateral. This is guided by the minimum conditions for the eligible collaterals set out in the “Risk-Weighted Capital Adequacy Framework (Basel II – Risk-Weighted Assets Computation) issued by BNM.

7.1 Disclosure on Credit Risk Mitigation

31 December 2016

Exposure Class	Exposures before CRM	Exposures Covered by Guarantees/ Credit Derivatives	Exposures Covered by Eligible Financial Collateral	Exposures Covered by Other Eligible Collateral
	RM'000	RM'000	RM'000	RM'000
<i>Credit Risk</i>				
<i>On-Balance Sheet Exposure</i>				
Sovereigns/Central Bank	2,847,459	-	-	-
Banks, Development Financial Institutions & MDBs	1,164,182	-	-	-
Corporates	4,655,417	80,438	683,742	-
Regulatory Retail	108,125	-	2,408	-
Residential Mortgages	283,533	-	956	-
Other Assets	90,079	-	-	-
Defaulted Exposures	117,084	-	-	-
Total for On-Balance Sheet exposures	9,265,879	80,438	687,106	-
<i>Off-Balance sheet exposures</i>				
Off-balance sheet exposures other than OTC derivatives or credit derivatives	1,336,612	-	-	-
Total for Off-Balance sheet exposures	1,336,612	-	-	-
Total On and Off Balance sheet exposure	10,602,491	80,438	687,106	-

7.1 Disclosure on Credit Risk Mitigation (continued)

31 December 2015

Exposure Class	Exposures before CRM	Exposures Covered by Guarantees/ Credit Derivatives	Exposures Covered by Eligible Financial Collateral	Exposures Covered by Other Eligible Collateral
	RM'000	RM'000	RM'000	RM'000
<i>Credit Risk</i>				
On-Balance Sheet Exposure				
Sovereigns/Central Bank	1,644,950	-	-	-
Banks, Development Financial Institutions & MDBs	2,209,574	-	-	-
Corporates	4,137,813	767,684	638,113	-
Regulatory Retail	115,418	-	2,534	-
Residential Mortgages	268,111	-	890	-
Other Assets	66,476	-	-	-
Defaulted Exposures	43,470	-	-	-
Total for On-Balance Sheet exposures	8,485,812	767,684	641,537	-
<i>Off-Balance sheet exposures</i>				
Off-balance sheet exposures other than OTC derivatives or credit derivatives	1,168,726	-	-	-
Total for Off-Balance sheet exposures	1,168,726	-	-	-
Total On and Off Balance sheet exposure	9,654,538	767,684	641,537	-

8. Off-Balance Sheet Exposure and Counterparty Credit Risk (CCR)

Off-Balance Sheet Exposure

Off-Balance Sheet exposures of the Bank are mainly composed of the following:

- Bank Guarantee and Standby Letter of Credit, which represent undertakings that the Bank will make payment in the event that a customer cannot meet its obligations to third parties.
- Documentary Letter of Credit, which are undertaking that the Bank on behalf of the customer for payment of goods purchased.
- Commitments to extend credit including the unutilized or undrawn portion of credit facilities.

Off-Balance Sheet and Counterparty Credit Risk – 31 December 2016

Description	Principal Amount	Credit Equivalent Amount	Risk Weighted Assets
	RM'000	RM'000	RM'000
Direct Credit Substitutes	47,930	47,930	50,046
Transaction related contingent items	1,828,022	914,011	834,739
Short Term Self Liquidating trade related contingencies	221,700	44,340	17,784
Foreign exchange related contracts - One year or less	89,383	499	282
Other commitments , such as formal standby facilities and credit lines, with an original maturity of up to one year	1,119,236	223,847	200,294
Other commitments, such as formal standby facilities and credit lines, with an original maturity of over one year	211,970	105,985	52,937
Others			
Total	3,518,241	1,336,612	1,156,082

Off-Balance Sheet and Counterparty Credit Risk – 31 December 2015

Description	Principal Amount	Credit Equivalent Amount	Risk Weighted Assets
	RM'000	RM'000	RM'000
Direct Credit Substitutes	80,517	80,517	60,507
Transaction related contingent items	1,461,522	730,761	364,822
Short Term Self Liquidating trade related contingencies	64,553	12,911	11,244
Foreign exchange related contracts - One year or less	419,525	2,709	717
Other commitments , such as formal standby facilities and credit lines, with an original maturity of up to one year	1,028,477	205,689	185,002
Other commitments, such as formal standby facilities and credit lines, with an original maturity of over one year	272,277	136,139	86,398
Others	-	-	-
Total	3,326,841	1,168,726	708,690

Counterparty Credit Risk (CRR)

The CRR arising from the inter-bank transactions, is managed via the establishment of the counterparty limits for each counterparty and is monitored on a daily basis.

9. Market Risk

Market risk is the risk of potential losses resulting from the changes in the value of assets and liabilities (including off-balance sheet assets and liabilities) due to fluctuations in the risk factors such as foreign exchange rates, interest rates, credit spreads, equity prices, commodities prices and their associated volatility.

At Management level, the Bank's Risk Management and Internal Control Committee (RMICC) is responsible for the oversight of market risk management of the Bank and in executing the Board Risk Management Committee (BRMC) and Board's mandate on market risk management strategies, risk appetite and tolerance level. The Bank has

established the Guideline on Market Risk Management to govern BOCM's market risk governance structure, risk identification, measurement, monitoring and reporting processes. BOCM's market risk is managed by the Risk Management Department (RMD) on daily basis. RMD reports to RMICC on monthly basis on BOCM's market risk exposures and its compliance to the limits approved. RMD currently measures and monitors its FX Net Open Position (FX NOP), Value-at-Risk (VaR), Price Value of Basis Point (PVBP) and stop loss limits (Daily, Monthly and Yearly) on daily basis.

For capital requirement, the Bank has adopted the Standardised Approach. The current market risk capital charge arises mainly from the Bank's exposures in the foreign exchange risk from the FX spot, swap and forward transactions.

Risk weighted assets and capital requirement for market risk

Capital Charge Requirement for :	31 Dec 2016	31 Dec 2015
	Standardised Approach	Standardised Approach
	RM'000	RM'000
Interest Rate risk	-	-
Equity Position Risk	-	-
Foreign Exchange Risk	1,009	734
Commodity Risk	-	-
Others	-	-
Total Risk Weighted Assets Equivalent for Market Risk	12,611	9,179

10. Operational Risk

Operational risk can be defined as the risk of monetary loss resulting from inadequate or failed internal processes, people, and system or from external events. RMICC of the Bank is responsible for the development of a control framework, the promotion of a strong risk management culture in the Bank, and the monitoring and administration of operational risk. The computation of Operational Risk is in line with BNM's guidelines and formula under the Basic Indicator Approach ("BIA").

The Bank continue to strengthen the overall coordinating of its internal control and operational risk efforts, enhanced the foundation, optimised the measures, and upgraded technological support. The operational efficiency and results of the three internal control defence lines were thus continuously enhanced.

Branches, business departments and staff at various levels of the Bank are the first line of defence, responsible for internal control when promoting business development. The Risk Management Department (RMD), together with the management team, is the second line of defence. RMD is responsible for the overall planning for planning of policies, examining, monitoring and assessing the performance of the first line of defence. The Internal Audit Department is the third line of defence. The department mainly focused on

business lines auditing and carried out inspections of systematic and material risks at all levels of business units and branches.

Some of the key management and control techniques include segregation of duties, clear delegation of authority, sound project management and disaster recovery plan. Our internal audit function independently appraises the adequacy and effectiveness of the internal control environment and reports results independently to the Board Audit Committee of the Bank.

Risk awareness is a key component for identifying, assessing, monitoring and mitigating operational risks. The Bank is encouraging an “operational risk awareness culture” among all the staffs. Through the regular workshops, most of the departments have created the operational risk management environment in which not only the risk coordinators, but also the head of department and other employees are actively involved.

11. Interest Rate Risk in the Banking Book

By using the repricing gap method, an increase or decrease by 100 basis point, the impact in earnings and economic value as stated below:

As at 31 December 2016:

Currency	Earnings	Economic Value
	In Thousands	In Thousands
All Currencies (in MYR)	+/- 28,608	+/- 22,542
USD	+/- 2,672	+/- 6,814
CNY/CNH	+/- 602	+/- 445

As at 31 December 2015:

Currency	Earnings	Economic Value
	In Thousands	In Thousands
All Currencies (in MYR)	+/- 23,549	+/- 17,792
USD	+/- 6,632	+/- 11,951
CNY/CNH	+/- 348	+/- 310