

Company No.

923693	H
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**MIZUHO BANK (MALAYSIA) BERHAD**  
Incorporated in Malaysia

**PILLAR 3 DISCLOSURE  
FOR THE FINANCIAL YEAR ENDED 31 MARCH 2018**

**MIZUHO BANK (MALAYSIA) BERHAD (923693-H)**  
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**FOR THE FINANCIAL YEAR ENDED 31 MARCH 2018**

**1.0 SCOPE OF APPLICATION**

The Pillar 3 Disclosure for financial reporting beginning 1 January 2010 is introduced under the Bank Negara Malaysia's Risk-Weighted Capital Adequacy Framework ("RWCAF"), which is the equivalent to Basel II issued by the Basel Committee on Banking Supervision (BCBS). Basel II consists of 3 Pillars as follows:

- Pillar 1 sets out the minimum amount of regulatory capital that banking institutions must hold against credit, market and operational risks assumed.
- Pillar 2 focuses on strengthening the supervisory review process in developing more rigorous risk management framework and techniques. The purpose is for banking institutions to implement an effective and rigorous internal capital adequacy assessment process that commensurate with the risk profile and business plans of the bank.
- Pillar 3 sets out the minimum disclosure requirements of information on the risk management practices and capital adequacy of banking institution, aimed to enhance comparability amongst banking institutions.

The Bank adopted Standardised Approach in determining the capital requirements for credit risk and market risk and applied the Basic Indicator Approach for operational risk.

The Bank Negara Malaysia's ("BNM") Risk Weighted Capital Adequacy Framework - (Basel II) ("RWCAF") - Disclosure Requirements ("Pillar 3") is applicable to all banking institutions licensed under the Financial Services Act 2013 ("FSA"). The Pillar 3 disclosure requirements aim to enhance transparency on the risk management practices and capital adequacy of banking institutions.

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**2.0 CAPITAL MANAGEMENT**

The Bank is fully funded by its parent Bank, Mizuho Bank, Ltd. and currently operates under Mizuho group's acceptable risk framework to meet its regulatory requirements and market expectations.

**2.1 CAPITAL ADEQUACY**

The total capital and capital adequacy ratios of the Bank are computed in accordance with Bank Negara Malaysia's Capital Adequacy Framework. The Bank has adopted Standardised Approach for credit risk and market risk and the Basic Indicator Approach for operational risk.

(i) Based on the above, the capital adequacy ratios of the Bank are as follows:

	<b>2018</b>	<b>2017</b>
<u>Capital ratios:</u>		
CET1 Capital Ratio/Total Tier 1 Capital Ratio	27.651%	24.321%
Total Capital Ratio	<u>28.768%</u>	<u>25.466%</u>

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**2.1 CAPITAL ADEQUACY (CONTINUED)**

(ii) Breakdown of risk-weighted assets by exposures in each major risk category are as follows:

Exposure class	Gross Exposures RM'000	Net Exposures RM'000	Risk-Weighted Assets RM'000	Minimum Capital Requirements at 8% RM'000
<b>2018</b>				
<b>Credit risk</b>				
<u>On-balance sheet exposures:</u>				
Sovereigns/central banks	1,260,936	1,260,936	-	-
Banks, development financial Institutions and Multilateral Development Banks ("MDBs")	800,782	694,422	106,977	8,558
Corporates	5,876,001	1,391,872	1,391,872	111,350
Other assets	63,485	63,485	63,424	5,074
Total on-balance sheet exposures	<u>8,001,204</u>	<u>3,410,715</u>	<u>1,562,273</u>	<u>124,982</u>
<u>Off-balance sheet exposures:</u>				
Over-the-counter ("OTC") derivatives	856,281	856,281	640,739	51,259
Off-balance sheet exposures other than OTC derivatives or credit derivatives	290,032	290,032	281,049	22,484
Total off-balance sheet exposures	<u>1,146,313</u>	<u>1,146,313</u>	<u>921,788</u>	<u>73,743</u>
Total on and off-balance sheet exposures	<u>9,147,517</u>	<u>4,557,028</u>	<u>2,484,061</u>	<u>198,725</u>
	<b>Long Position RM'000</b>	<b>Short Position RM'000</b>	<b>Risk-Weighted Assets RM'000</b>	<b>Minimum Capital Requirements at 8% RM'000</b>
<b>Market risk</b>				
Interest rate risk	6,158,264	6,136,985	77,293	6,183
Foreign currency risk	472	-	5,899	472
<b>Operational risk</b>				
			211,931	16,954
Total RWA and capital requirements			<u>2,779,184</u>	<u>222,334</u>

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**2.1 CAPITAL ADEQUACY (CONTINUED)**

(ii) Breakdown of risk-weighted assets by exposures in each major risk category are as follows: (continued)

Exposure class	Gross Exposures RM'000	Net Exposures RM'000	Risk-Weighted Assets RM'000	Minimum Capital Requirements at 8% RM'000
<b>2017</b>				
<b>Credit risk</b>				
<u>On-balance sheet exposures:</u>				
Sovereigns/central banks	2,290,665	2,290,665	-	-
Banks, development financial Institutions and Multilateral Development Banks ("MDBs")	1,665,825	1,105,384	221,077	17,686
Corporates	3,684,674	1,493,667	1,493,667	119,493
Other assets	66,311	66,311	66,286	5,303
Total on-balance sheet exposures	<u>7,707,475</u>	<u>4,956,027</u>	<u>1,781,030</u>	<u>142,482</u>
<u>Off-balance sheet exposures:</u>				
Over-the-counter ("OTC") derivatives	1,188,270	1,188,270	739,077	59,126
Off-balance sheet exposures other than OTC derivatives or credit derivatives	297,056	297,056	285,190	22,815
Total off-balance sheet exposures	<u>1,485,326</u>	<u>1,485,326</u>	<u>1,024,267</u>	<u>81,941</u>
Total on and off-balance sheet exposures	<u>9,192,801</u>	<u>6,441,353</u>	<u>2,805,297</u>	<u>224,423</u>
<b>Market risk</b>				
	Long Position RM'000	Short Position RM'000	Risk-Weighted Assets RM'000	Minimum Capital Requirements at 8% RM'000
Interest rate risk	6,803,624	6,774,830	95,379	7,630
Foreign currency risk	8,850	10	8,850	708
<b>Operational risk</b>			152,814	12,225
Total RWA and capital requirements			<u>3,062,340</u>	<u>244,986</u>

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**2.2 CAPITAL STRUCTURE**

The components of Tier-1 and Tier-2 capital of the Bank are as follows:

	<b>2018</b>	<b>2017</b>
	<b>RM'000</b>	<b>RM'000</b>
<b>CET 1 Capital</b>		
Paid-up share capital	700,000	700,000
Retained profits	66,994	18,222
Other reserves	1,469	26,563
Total CET1 Capital, representing total Tier 1 Capital	768,463	744,785
<b>Tier 2 Capital</b>		
Collective impairment allowance and regulatory reserve	31,051	35,066
Total Capital	799,514	779,851

**3.0 RISK MANAGEMENT FRAMEWORK**

The Bank's principal financial liabilities, other than derivatives, comprise loans and borrowings, trade and other payables, and financial guarantee contracts. The main purpose of these financial liabilities is to finance the Bank's operations and to provide guarantees to support its operations. The Bank has loan and other receivables, trade and other receivables, and cash and short-term deposits that arrive directly from its operations. The Bank also holds available-for-sale investments and enters into derivative transactions.

Risk Management Department ("RMD") is responsible for identifying, monitoring, analysing and reporting the principal risks to which the Bank is exposed. In facilitating the Bank's achievement of its objectives whilst operating in a sound business environment, teams from RMD are engaged from an early stage in the risk process for independent inputs and risk assessments.

The approach adopted by RMD in maintaining effective oversight on day-to-day risk taking activities while continuously enhancing its infrastructure to provide a more holistic view of its risk exposures and positions has enabled the Bank to better manage the challenges arising from the uncertainties and market volatility. Complementing this is internal audit, which provides independent assurance of the effectiveness of the risk management approach.

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### **3.0 RISK MANAGEMENT FRAMEWORK (CONTINUED)**

The objectives of the Bank's risk management activities are:

- to develop, maintain and enhance the Bank's risk management framework, quantitative methodologies and policies for monitoring and managing Credit, Market and Operational Risk.
- to conduct independent monitoring to ensure that Risk Taking Departments are in line with approved policies and limits; and
- to initiate and execute upon approval, specific strategic decisions in relation to Credit, Market and Operational Risk.

Strong risk governance supports Integrated Risk Management ("IRM") approach. The Board of Directors through the Board Risk Management Committee ("BRMC") is ultimately responsible for the implementation of IRM. RMD has been principally tasked to assist the various risk committees and undertakes the performance of the day-to-day risk management functions of the IRM.

Establishment of the three (3) lines of Defence Concept – risk taking units, risk control unit and internal audit.

- Risk taking units manage the day-to-day management of risks inherent in their business activities and ensuring the proper implementation and execution of its policies.
- Risk control units are responsible for setting the risk management framework and developing tools and methodologies for the identification, measurement, monitoring and reporting of risks.
- Internal audit provides independent assurance of the effectiveness of the risk management approach and provides independent responsibility to ensure adequacy, effectiveness and robustness of the risk management policies.

The CEO, with the Board's support, has established various management level risk committees to assist and support the Board Risk Management Committees in the operations of the Bank. The Asset Liability Management Committee ("ALMC") is chaired by the CEO and Credit Risk Management Committee ("CRMC") is chaired by the Independent Non-Executive Director of the Bank on a monthly basis.

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### **3.0 RISK MANAGEMENT FRAMEWORK (CONTINUED)**

#### **Committees supporting the Board**

The Board Risk Management Committee ("BRMC"), Credit Risk Management Committee ("CRMC") and Asset and Liability Management Committee ("ALMC") have been established by the Board to assume responsibility for the risk oversight and any approved policies and frameworks formulated on Credit, Market, Liquidity and Operational Risk.

#### **Board Risk Management Committee ("BRMC")**

The role of BRMC are as follows:

- reviewing and recommending risk management strategies, policies and risk tolerance for the Boards approval;
- reviewing and assessing the adequacy of the Bank's risk management policies and framework in identifying, measuring, monitoring and controlling risk, and the extent to which these policies and frameworks are effective;
- deciding whether any credit activity or product is suitable from the business perspective, whether it complies with Bank's business plan and regulations, and whether it will be adequately incorporated within the credit risk management process of the Bank and conducted according to standards set by the Board;
- ensuring infrastructure, resources and systems are in place for risk management, i.e. ensuring that the staff responsible for implementing risk management systems perform those duties independently of the Bank's risk taking activities; and
- reviewing and commenting on management's periodic reports on risk exposure, risk portfolio composition and risk management activities.

#### **Credit Risk Management Committee ("CRMC")**

The role of CRMC are as follows:

- evaluating and assessing strategies to manage overall credit risks of the Bank;
- overseeing development of credit policies, monitoring and assessing the credit risk portfolio composition of the Bank;
- evaluating risks of the Bank under stress scenarios;
- assessing the risk-return trade-off of the Bank;



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### **3.0 RISK MANAGEMENT FRAMEWORK (CONTINUED)**

#### **Credit Risk Management Committee ("CRMC") (continued)**

- reviewing and commenting on the reports of the credit review process, asset quality and ensure corrective action is taken; and
- reviewing and evaluating the various credit products to ensure compliance with standards set by the Board.

#### **Asset and Liability Management Committee ("ALMC")**

The ALMC supports the BRMC in the oversight of market and liquidity risk management.

The ALMC, chaired by the Bank's CEO, has primary responsibility for the following:

- reviewing, assessing and reporting to the Board the following matters in relation to market risk:
  - (i) status of compliance with any applicable limits;
  - (ii) methods and assumptions applied by the Bank to the interest rate maturity ladder; and
  - (iii) stress test;
- reviewing, assessing and reporting to the Board the following matters in relation to liquidity risk:
  - (i) status of compliance with funding gap limits;
  - (ii) major funding counterparties;
  - (iii) commitment lines; and
  - (iv) stress test;
- reviewing, assessing and reporting to the Board the following matters in relation to market-oriented profits:
  - (i) actual profit and loss of the Bank; and
  - (ii) unrealised profit and loss of the Bank;
- reviewing and assessing the status of securities held by the Bank;
- other matters, including the status of compliance with any applicable regulations;

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**3.0 RISK MANAGEMENT FRAMEWORK (CONTINUED)**

**Asset and Liability Management Committee ("ALMC") (continued)**

- reviewing and assessing Asset and Liability Management ("ALM") operations in relation to funding management, which includes:
  - (i) asset plan and actual results;
  - (ii) liability plan and actual results;
  - (iii) funding situation of the Bank; and
  - (iv) medium to Long term Funding Gap Situation for Local Currencies and formulation of investment and funding plan;
  
- reviewing and assessing ALM operations in relation to market risk management which includes:
  - (i) market situation (including the projection of asset rate trends);
  - (ii) the proper execution of any policy related to ALM operations;
  - (iii) the proper execution of any policy related to risk management; and
  - (iv) other related matters;
  
- reviewing and assessing ALM operations in relation to any other policies which includes:
  - (i) the management of the liquidity categorisation (for offices which have local currencies);
  - (ii) contingency plans for local currencies;
  - (iii) violations of criteria for the holding of special (extraordinary) meetings;
  - (iv) adjustment when applying for limits;
  - (v) revision of policies; and
  - (vi) other matters.

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#### **4.0 CREDIT RISK MANAGEMENT**

Major areas of the Bank's risk management are as follows:

Credit risk is defined as arising from losses when the counterparty which has an lending exposure is unable to meet its obligations as a result of bankruptcy or other circumstances, or when the possibility of such non-performance of obligations increases, resulting in a loss of the value of the assets. The purpose of credit risk management is to keep credit risk exposure to an acceptable level set in accordance with the Internal and BNM requirement under the "Single Counterparty Exposure Limit" (SCEL), "Large Exposure Limit" and "Transaction with Connected Parties".

These limits are monitored on a daily basis to control and prevent the excessive concentration of risk exposure in certain counterparty. In addition, those counterparties for which the judgment is made that these counterparties should be treated with caution from a credit risk perspective are managed on an individual basis.

##### **Risk Governance**

The credit approving authority is established and documented in the Bank's credit risk policy. The Board of Directors have the approving authority to approve credit facilities above Chief Executive Officer's (CEO's) approval limit. Secondly, the Board of Directors also have the veto power. CEO's approval of credit facilities limit is capped at SCEL limit. There are certain customers and credit facilities will be subjected to Head Office consultation first before obtaining CEO's approval.

The Credit Risk Management Committee is set up to enhance the efficiency and effectiveness of the credit oversight. The Committee ensures the overall loan/financing portfolio meets the guidelines of the regulatory authorities and adherence to the approved credit policies and procedures.

##### **Risk Management Approach**

Adherence to established credit limits is monitored daily by RMD, which combines all exposures for each counterparty or group, including off balance sheet items and potential exposures. Credit limits are also monitored based on rating classification of the obligor.

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**4.0 CREDIT RISK MANAGEMENT (CONTINUED)**

**Risk Management Approach (continued)**

The credit rating models for corporate customers are designed to assess the credit worthiness in paying their obligations, derived from risk factors such as financial history and demographics or company profile.

These credit rating models are developed and implemented to standardise and enhance the credit decision-making process for the Mizuho Bank Group's corporate exposures.

Credit reviews and rating are conducted on the credit exposures regularly and more frequently when material information on the obligor or other external factors come to light.

**(i) Maximum exposure to credit risk**

The maximum exposure to credit risk at the statements of financial position is the amounts on the statements of financial position as well as commitments and contingencies, without taking into account of any collateral held or other credit enhancements. For contingent liabilities, the maximum exposure to credit risk is the maximum amount that the Bank would have to pay if the obligations of the instruments issued are called upon. For credit commitments, the maximum exposure to credit risk is the full amount of the undrawn credit facilities granted to customers. The table below shows the maximum exposure to credit risk for the Bank:

	<b>2018</b>	<b>2017</b>
	<b>RM'000</b>	<b>RM'000</b>
On-balance sheet exposures:		
Cash and short-term funds	1,388,718	2,475,174
Deposits and placements with financial institutions	127,813	1,176,891
Loans, advances and financing	5,838,601	3,645,254
Financial investments available-for-sale	454,653	300,024
Other financial assets	96,624	12,266
Derivative financial assets	368,881	593,387
	<u>8,275,290</u>	<u>8,202,996</u>
Off-balance sheet exposures:		
Commitments and contingencies	<u>10,323,351</u>	<u>11,641,250</u>
Total maximum credit risk exposure	<u>18,598,641</u>	<u>19,844,246</u>

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**4.0 CREDIT RISK MANAGEMENT (CONTINUED)**

(ii) The following table present the credit exposures of financial assets of the Bank analysed by economic sectors:

	Cash and short-term term funds RM'000	Deposits and placements with financial institutions RM'000	Loans, advances and financing RM'000	Financial investments available-for- sale RM'000	Other financial assets RM'000	Derivative financial assets RM'000	Total RM'000	Commitments and contingencies RM'000
<b>2018</b>								
Primary Agriculture	-	-	-	-	-	-	-	115,830
Mining and Quarrying	-	-	69,060	-	-	-	69,060	8,500
Manufacturing	-	-	1,351,114	-	-	33,986	1,385,100	1,442,230
Electricity, gas and water supply	-	-	93,043	-	-	-	93,043	122,592
Construction	-	-	142,656	-	-	13,313	155,969	489,810
Wholesale and retail trade, and restaurants and hotels	-	-	457,582	-	1	29,459	487,042	693,393
Transport, storage and communication	-	-	140,154	-	-	-	140,154	308,545
Finance, insurance, real estate and business activities	1,388,718	127,813	3,497,159	454,653	91,432	289,764	5,849,539	7,069,666
Education, health and others	-	-	15,203	-	-	2,359	17,562	21,305
Others	-	-	103,786	-	5,191	-	108,977	51,480
	<u>1,388,718</u>	<u>127,813</u>	<u>5,869,757</u>	<u>454,653</u>	<u>96,624</u>	<u>368,881</u>	<u>8,306,446</u>	<u>10,323,351</u>
Less: Collective allowance	-	-	(31,156)	-	-	-	(31,156)	-
	<u>1,388,718</u>	<u>127,813</u>	<u>5,838,601</u>	<u>454,653</u>	<u>96,624</u>	<u>368,881</u>	<u>8,275,290</u>	<u>10,323,351</u>

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**4.0 CREDIT RISK MANAGEMENT (CONTINUED)**

(ii) The following table present the credit exposures of financial assets of the Bank analysed by economic sectors: (continued)

	<b>Cash and short-term term funds RM'000</b>	<b>Deposits and placements with financial institutions RM'000</b>	<b>Loans, advances and financing RM'000</b>	<b>Financial investments available-for- sale RM'000</b>	<b>Other financial assets RM'000</b>	<b>Derivative financial assets RM'000</b>	<b>Total RM'000</b>	<b>Commitments and contingencies RM'000</b>
<b>2017</b>								
Primary Agriculture	-	-	-	-	-	-	-	132,741
Mining and Quarrying	-	-	79,981	-	-	-	79,981	-
Manufacturing	-	-	1,236,537	-	-	13,369	1,249,906	1,728,188
Electricity, gas and water supply	-	-	63,816	75,374	865	-	140,055	68,932
Construction	-	-	1,803	-	-	331	2,134	180,198
Wholesale and retail trade, and restaurants and hotels	-	-	614,304	-	-	1,300	615,604	906,941
Transport, storage and communication	-	-	145,748	5,003	11	-	150,762	165,879
Finance, insurance, real estate and business activities	2,475,174	1,176,891	1,415,609	219,647	4,452	578,106	5,869,879	8,362,611
Education, health and others	-	-	20,557	-	-	281	20,838	24,965
Others	-	-	106,225	-	6,938	-	113,163	70,795
	<u>2,475,174</u>	<u>1,176,891</u>	<u>3,684,580</u>	<u>300,024</u>	<u>12,266</u>	<u>593,387</u>	<u>8,242,322</u>	<u>11,641,250</u>
Less: Collective allowance	-	-	(39,326)	-	-	-	(39,326)	-
	<u>2,475,174</u>	<u>1,176,891</u>	<u>3,645,254</u>	<u>300,024</u>	<u>12,266</u>	<u>593,387</u>	<u>8,202,996</u>	<u>11,641,250</u>

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**4.0 CREDIT RISK MANAGEMENT (CONTINUED)**

**(iii) Credit quality**

For the purposes of disclosure relating to MFRS 7, all financial assets are categorised into the following:

- Neither past due nor impaired;
- Past due but not impaired; and
- Past due and impaired.

Customer categorisation is the categorisation of customers into Insolvent Customers, Unrecoverable Customers, Customers to be Insolvent, Customers with Special Attention (I or II) and Ordinary Customers after comprehensively determining the viability of the customer's business using the customer's profit/loss for the period and cash flow, shareholders' equity in substance, achievability of business restructuring plans and support from the parent company and financial institutions, and is carried out before asset classification.

Customer Categorisation	Credit Rating	Customer Profile		Status	Comparable External Rating	
Ordinary Customers	A	1	Business conditions are favorable and there are no specific problems in the customer's financial position.	Non-default	Investment grade	AAA
		2				AA
		3				A
	B	1				BBB+/ BBB
		2				BBB-
	C	1				(BB)
		2				
		3				
	D	1				(B)
		2				
		3				

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**4.0 CREDIT RISK MANAGEMENT (CONTINUED)**

**(iii) Credit quality (continued)**

Customer Categorisation	Credit Rating	Customer Profile	Status	Comparable External Rating
Customers with Special Attention (I)	E	<p>1</p> <p>Customers with Special Attention (I):                      Customers that require close observation, such as customers whose business conditions are on a deteriorating trend or have unstable business performance; customers that have minor problems in their financial position or have problems in their financial position but recovery according to plan is anticipated.</p>	Non-default	(CCC or lower)  Non-Investment grade
Customers with Special Attention (II)		<p>2</p> <p>Customers with Special Attention (II):                      Customers that require particularly close observation, such as customers that have problematic lending conditions, e.g. interest reduced, forgiven, or suspended; customers that have problems with performance of obligations, e.g. those that are effectively in arrears for principal and/or interest payments; as well as customers with deteriorating business conditions, unstable business performance, and problems in their financial position.</p>		
Customers under Strict Management		<p>R</p> <p>Customers that are assessed to have Claims under Strict Management as stipulated in Provision 4 Item 4 of the Law concerning urgent measures for the reconstruction of the functions of the financial system (1998 Financial Reconstruction Commission Rules and Regulations No.2) in terms of exposure.</p>	Default	



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**4.0 CREDIT RISK MANAGEMENT (CONTINUED)**

**(iii) Credit quality (continued)**

Customer Categorisation	Credit Rating		Customer Profile	Status	Comparable External Rating	
Customers to be Insolvent	F	1	Customers to be Insolvent: Customers that are not insolvent, but are having business difficulties with insufficient progress on their business improvement plans. There is a high probability that the customer will become insolvent (includes customers that are under the continuing support of a financial institution and/or other entities).	Default	(CCC or lower)	Non-Investment grade
Unrecoverable Customers	G	1	Unrecoverable Customers: Customers that are not at present legally or formally bankrupt, but are having serious business difficulties, and it is deemed that there is no prospect for recovery. The customer is essentially bankrupt.			
Insolvent Customers	H	1	Insolvent Customers: Customers that are legally and formally bankrupt.			

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**4.0 CREDIT RISK MANAGEMENT (CONTINUED)**

**(iv) Credit quality of financial assets - gross loans, advances and financing**

<b>2018</b>	<b>Neither past due nor impaired RM'000</b>	<b>Total RM'000</b>
Term loans	4,125,123	4,125,123
Revolving credits	1,697,065	1,697,065
Banker Acceptances	47,569	47,569
Gross loans, advances and financing	<u>5,869,757</u>	<u>5,869,757</u>
Less: Impairment allowance		
- Collective impairment allowance	<u>(31,156)</u>	<u>(31,156)</u>
Net loans, advances and financing	<u>5,838,601</u>	<u>5,838,601</u>
Collective impairment allowance as a percentage of total loans, advances and financing	<u>0.53%</u>	<u>0.53%</u>

All gross loans, advances and financing are neither past due nor impaired as of the reporting date. Summary of risk categories of gross loans, advances and financing of the Bank are assessed based on credit quality classification as described in Note 4.0(iii).

<b>2018</b>	<b>Ordinary RM'000</b>	<b>Special attention RM'000</b>	<b>Total RM'000</b>
Term loans	4,125,123	-	4,125,123
Revolving credits	1,672,959	24,106	1,697,065
Banker Acceptances	47,569	-	47,569
Total - Neither past due nor impaired	<u>5,845,651</u>	<u>24,106</u>	<u>5,869,757</u>
As a percentage of total loans, advances and financing	<u>99.59%</u>	<u>0.41%</u>	<u>100.00%</u>

Note: Special attention category includes special attention (I) and special attention (II).

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**4.0 CREDIT RISK MANAGEMENT (CONTINUED)**

**(iv) Credit quality of financial assets - gross loans, advances and financing (continued)**

<b>2017</b>	<b>Neither past due nor impaired RM'000</b>	<b>Total RM'000</b>
Term loans	2,236,952	2,236,952
Revolving credits	1,434,185	1,434,185
Banker Acceptances	13,443	13,443
Gross loans, advances and financing	<u>3,684,580</u>	<u>3,684,580</u>
Less: Impairment allowance		
- Collective impairment allowance	<u>(39,326)</u>	<u>(39,326)</u>
Net loans, advances and financing	<u>3,645,254</u>	<u>3,645,254</u>
Collective impairment allowance as a percentage of total loans, advances and financing	<u>1.07%</u>	<u>1.07%</u>

All gross loans, advances and financing are neither past due nor impaired as of the reporting date. Summary of risk categories of gross loans, advances and financing of the Bank are assessed based on credit quality classification as described in Note 4.0(iii).

<b>2017</b>	<b>Ordinary RM'000</b>	<b>Special attention RM'000</b>	<b>Total RM'000</b>
Term loans	2,236,952	-	2,236,952
Revolving credits	1,408,964	25,221	1,434,185
Overdraft	13,443	-	13,443
Total - Neither past due nor impaired	<u>3,659,359</u>	<u>25,221</u>	<u>3,684,580</u>
As a percentage of total loans, advances and financing	<u>99.32%</u>	<u>0.68%</u>	<u>100.00%</u>

Note: Special attention category includes special attention (I) and special attention (II).

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**4.0 CREDIT RISK MANAGEMENT (CONTINUED)**

**(v) Credit quality of financial assets - financial investments portfolio and other financial assets**

All financial investments portfolio and other financial assets are neither past due nor impaired and categorised as ordinary customers as of reporting date. Summary of risk categories of financial investments portfolio and other financial assets of the Bank are assessed based on credit quality classification as described in Note 4.0(iii).

	<b>2018</b>	<b>2017</b>
	<b>RM'000</b>	<b>RM'000</b>
Cash and short-term funds	1,388,718	2,475,174
Deposits and placements with financial institutions	127,813	1,176,891
Financial investments available-for-sale	454,653	300,024
Other financial assets	96,624	12,266
Derivative financial assets	368,881	593,387
Total - neither past due nor impaired	<u>2,436,689</u>	<u>4,557,742</u>
As a percentage of gross balances	<u>100.00%</u>	<u>100.00%</u>

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**4.0 CREDIT RISK MANAGEMENT (CONTINUED)**

**(vi) Credit risk disclosures on risk weights**

The following tables present the credit exposures by risk weights and after credit risk mitigation of the Bank:

**<----- Exposures after Netting and Credit Risk Mitigation ----->**

Risk weights	Sovereigns/ central banks RM'000	Banks, Development Financial Institutions and MDBs RM'000	Corporates RM'000	Other Assets RM'000	Total Exposures after Netting and Credit Risk Mitigation RM'000	Total Risk- Weighted Assets RM'000
<b>2018</b>						
0%	1,260,936	-	-	60	1,260,996	-
20%	-	821,379	-	-	821,379	164,276
50%	-	309,736	-	-	309,736	154,868
100%	-	-	2,101,492	63,425	2,164,917	2,164,917
	<u>1,260,936</u>	<u>1,131,115</u>	<u>2,101,492</u>	<u>63,485</u>	<u>4,557,028</u>	<u>2,484,061</u>
<b>2017</b>						
0%	2,290,665	-	-	23	2,290,688	-
20%	-	1,121,937	-	-	1,121,937	224,387
50%	-	895,636	-	-	895,636	447,818
100%	-	-	2,066,804	66,288	2,133,092	2,133,092
	<u>2,290,665</u>	<u>2,017,573</u>	<u>2,066,804</u>	<u>66,311</u>	<u>6,441,353</u>	<u>2,805,297</u>

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**4.0 CREDIT RISK MANAGEMENT (CONTINUED)**

**(vii) Rated Exposures by External Credit Assessment Institutions ("ECAI")**

The Bank used external credit assessments from these ECAI for exposures as disclosed below:

On and off-balance sheet exposures

Exposure Class	Ratings of Sovereigns and Central Banks by Approved ECAIs						
	Moody's	Aaa to Aa3	A1 to A3	Baa1 to Ba3	B1 to C	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
	R&I	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**

**2018**

Sovereigns and central banks	1,260,936	-	-	-	-	-
<b>Total</b>	<b>1,260,936</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

**2017**

Sovereigns and central banks	2,290,665	-	-	-	-	-
<b>Total</b>	<b>2,290,665</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

Exposure Class	Ratings of Banking Institutions by Approved ECAIs						
	Moody's	Aaa to Aa3	A1 to A3	Baa1 to Ba3	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	A1 to A3	BBB1 to BBB3	BB1 to B3	C1 to D	Unrated
	MARC	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	C+ to D	Unrated
R&I	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	CCC+ to C	Unrated	

**RM'000      RM'000      RM'000      RM'000      RM'000      RM'000**

**2018**

Banks, MDBs and FDIs	821,379	309,736	-	-	-	-
<b>Total</b>	<b>821,379</b>	<b>309,736</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

**2017**

Banks, MDBs and FDIs	1,121,937	895,636	-	-	-	-
<b>Total</b>	<b>1,121,937</b>	<b>895,636</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

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**4.0 CREDIT RISK MANAGEMENT (CONTINUED)**

**(vii) Rated Exposures by External Credit Assessment Institutions ("ECAI") (continued)**

The Bank used external credit assessments from these ECAI for exposures as disclosed below:  
(continued)

On and off-balance sheet exposures (continued)

Exposure Class	Ratings of Corporate by Approved ECAIs					
	Moody's	Aaa to Aa3	A1 to A3	Baa1 to Ba3	Ba1 to B3	Unrated
	S&P	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	Unrated
	Fitch	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	Unrated
	RAM	AAA to AA3	A1 to A3	BBB1 to BBB3	BB1 to B3	Unrated
	MARC	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	Unrated
	R&I	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	Unrated
	RM'000	RM'000	RM'000	RM'000	RM'000	
<b>2018</b>						
Corporates	-	-	-	-	2,164,977	
Total	-	-	-	-	2,164,977	
<b>2017</b>						
Corporates	-	-	-	-	2,133,115	
Total	-	-	-	-	2,133,115	

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**4.0 CREDIT RISK MANAGEMENT (CONTINUED)**

**(viii) General Disclosures for Off-Balance Sheet Exposure and Counterparty Credit Risk**

	<b>Principal amount RM'000</b>	<b>Credit equivalent amount* RM'000</b>	<b>Risk- weighted amount* RM'000</b>
<b>2018</b>			
Direct credit substitutions	123,658	123,658	121,848
Transaction related contingent items	98,349	49,175	42,002
Short-term self-liquidating trade related contingencies	4,217	843	843
Foreign exchange related contracts			
- One year or less	1,679,341	33,661	18,825
- Over one year to five years	38,646	3,157	1,515
Interest related contracts			
- One year or less	1,922,671	184,041	123,210
- Over one year to five years	4,064,373	535,770	414,117
- Over five years	402,567	99,652	83,072
Other commitments, such as formal standby facilities and credit lines, with an original maturity of over one year	232,713	116,356	116,356
Any commitments that are unconditionally cancelled at any time without prior notice	1,756,816	-	-
<b>Total</b>	<b>10,323,351</b>	<b>1,146,313</b>	<b>921,788</b>



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**4.0 CREDIT RISK MANAGEMENT (CONTINUED)**

**(viii) General Disclosures for Off-Balance Sheet Exposure and Counterparty Credit Risk**

	<b>Principal amount RM'000</b>	<b>Credit equivalent amount* RM'000</b>	<b>Risk- weighted amount* RM'000</b>
<b>2017</b>			
Direct credit substitutions	15,593	15,593	15,583
Transaction related contingent items	112,128	56,064	44,208
Short-term self-liquidating trade related contingencies	6,019	1,204	1,204
Foreign exchange related contracts			
- One year or less	2,318,852	22,117	12,062
- Over one year to five years	117,786	10,357	7,170
Interest related contracts			
- One year or less	1,447,512	187,631	103,256
- Over one year to five years	5,101,785	869,860	542,628
- Over five years	481,207	98,305	73,961
Other commitments, such as formal standby facilities and credit lines, with an original maturity of over one year	448,390	224,195	224,195
Any commitments that are unconditionally cancelled at any time without prior notice	1,591,978	-	-
<b>Total</b>	<b>11,641,250</b>	<b>1,485,326</b>	<b>1,024,267</b>

\* The credit equivalent amount and risk-weighted amount are arrived at using the credit conversion factors and risk-weights respectively as specified by Bank Negara Malaysia for regulatory capital adequacy purposes.

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**4.1 CREDIT RISK MITIGATION**

The Bank undertakes a holistic approach when granting any credit facilities to the customer, such as the credit worthiness of the customer, source of repayment and debt servicing ability, rather than placing primary dependency on the credit risk mitigation.

Depending on a customer's credit standing and the type of product, the facilities may be granted on an unsecured basis. Nevertheless, collateral serves as an effective tool in mitigating the credit risk.

The collaterals taken by the Bank consist of cash and corporate guarantee. Before any of the collaterals are accepted by the Bank, it has to be assessed in terms of legal enforceability. In all relevant jurisdiction, recognition of eligible collateral and to have the rights to liquidate or take legal possession of the collateral in a timely manner in the event of default.

The application of haircut takes place whenever there is a currency mismatch between customer exposure and collaterals, as it serves as a protection for the Bank against the foreign currency fluctuations.

<b>2018</b>	<b>Total exposures before CRM RM'000</b>	<b>Total exposures covered by guarantees RM'000</b>	<b>Total exposures covered by financial collaterals RM'000</b>	<b>Total exposures covered by other eligible collaterals RM'000</b>
<b>Exposure class</b>				
<b>Credit risk</b>				
<u>On-balance sheet exposures:</u>				
Sovereigns/central banks	1,260,936	1,260,936	-	-
Banks, development financial Institutions and Multilateral Development Banks ("MDBs")	800,782	694,422	106,977	8,558
Corporates	5,876,001	1,391,872	1,391,872	111,350
Other assets	63,485	63,485	63,424	5,074
<b>Total on-balance sheet exposures</b>	<b>8,001,204</b>	<b>3,410,715</b>	<b>1,562,273</b>	<b>124,982</b>
<u>Off-Balance Sheet Exposures:</u>				
Over-the-counter ("OTC") derivatives	856,281	856,281	640,739	51,259
Off balance sheet exposures other than OTC derivatives or credit derivatives	290,032	290,032	281,049	22,484
<b>Total off-balance sheet exposures</b>	<b>1,146,313</b>	<b>1,146,313</b>	<b>921,788</b>	<b>73,743</b>
<b>Total on and off balance sheet exposures</b>	<b>9,147,517</b>	<b>4,557,028</b>	<b>2,484,061</b>	<b>198,725</b>

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**4.1 CREDIT RISK MITIGATION (CONTINUED)**

2017	Total exposures before CRM RM'000	Total exposures covered by guarantees RM'000	Total exposures covered by financial collaterals RM'000	Total exposures covered by other eligible collaterals RM'000
<b>Exposure class</b>				
<b>Credit risk</b>				
<u>On-balance sheet exposures:</u>				
Sovereigns/central banks	2,290,665	2,290,665	-	-
Banks, development financial Institutions and Multilateral Development Banks ("MDBs")	1,665,825	1,105,384	221,077	17,686
Corporates	3,684,674	1,493,667	1,493,667	119,493
Other assets	66,311	66,311	66,286	5,303
Total on-balance sheet exposures	<u>7,707,475</u>	<u>4,956,027</u>	<u>1,781,030</u>	<u>142,482</u>
<u>Off-balance sheet exposures:</u>				
Over-the-counter ("OTC") derivatives	1,188,270	1,188,270	739,077	59,126
Off balance sheet exposures other than OTC derivatives or credit derivatives	297,056	297,056	285,190	22,815
Total off-balance sheet exposures	<u>1,485,326</u>	<u>1,485,326</u>	<u>1,024,267</u>	<u>81,941</u>
Total on and off balance sheet exposures	<u>9,192,801</u>	<u>6,441,353</u>	<u>2,805,297</u>	<u>224,423</u>

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**5.0 MARKET RISK MANAGEMENT**

Market risk is defined as the risk of potential losses on the values of assets and liabilities held (including off-balance sheet items) arising from the movements in market variables, such as interest/profit rates, foreign exchange rates, securities prices, futures prices.

Broadly, the Bank is exposed to two major types of market risk namely interest/benchmark rate risk and foreign exchange risk.

The Bank manages those market risks by transferring the risk to another party such as entering into a back-to-back deal with external counterparties. This reduces the negative effect or probability of the risk through offsetting positions of a particular risk.

RMD controls the exposure by setting the limits which is in accordance to Head Office. RMD monitors the exposures through Foreign Exchange Position Limit, Interest Rate 10 Basis Point Value ("BPV") and Foreign Exchange Positions 10BPV and Loss Cut Limit.

These position limits are monitored on a daily basis and changes in market value of the Bank's treasury portfolio due to interest rate and foreign exchange movements are reported to the CEO.

The Bank's market risk and liquidity risk position are discussed and managed at the Asset Liability Management Committee ("ALMC") on a monthly basis and the Board Risk Management Committee ("BRMC") on a quarterly basis, which is in line with the approved guidelines and policies.

**(i) Interest/Profit Rate Risk**

Interest/Profit rate risk is defined as the exposure of a bank's financial condition to the adverse movements in interest/profit rates. Interest/Profit rate risk arises from the mismatch of maturity date and repricing date of the bank's assets, liabilities and off-balance sheet items, as a result to the changes in interest/profit rates related to the shift in yield curves and repricing patterns.

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**5.0 MARKET RISK MANAGEMENT (CONTINUED)**

**(i) Interest rate risk/Profit rate risk (continued)**

The Bank is exposed to various risks associated with the effects of fluctuations in the prevailing levels of market interest rates on its financial position and cash flows. The following table represents the Bank's assets and liabilities at carrying amount, categorised by the earlier of contractual or repricing dates as at 31 March 2018.

	←----- Non-trading book -----→					Non-Interest Sensitive RM'000	Trading Book RM'000	Total RM'000
	Up to 1 Month RM'000	> 1 to 3 Months RM'000	> 3 to 12 Months RM'000	> 1 to 5 Years RM'000	> 5 Years RM'000			
<b>2018</b>								
<b>Assets</b>								
Cash and short-term funds	1,236,728	-	-	-	-	151,990	-	1,388,718
Deposits and placements with financial institutions	-	50,593	77,220	-	-	-	-	127,813
Financial investments available-for-sale	-	110,105	50,160	294,388	-	-	-	454,653
Loans, advances and financing	3,236,401	2,590,246	43,110	-	-	(31,156)	-	5,838,601
Derivative financial assets	-	-	-	-	-	-	368,881	368,881
Other non-interest sensitive balances	-	-	-	-	-	121,364	-	121,364
<b>Total assets</b>	<b>4,473,129</b>	<b>2,750,944</b>	<b>170,490</b>	<b>294,388</b>	<b>-</b>	<b>242,198</b>	<b>368,881</b>	<b>8,300,030</b>

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**5.0 MARKET RISK MANAGEMENT (CONTINUED)**

**(i) Interest rate risk/Profit rate risk (continued)**

	←----- Non-trading book ----->					Non-Interest Sensitive RM'000	Trading Book RM'000	Total RM'000
	Up to 1 Month RM'000	> 1 to 3 Months RM'000	> 3 to 12 Months RM'000	> 1 to 5 Years RM'000	> 5 Years RM'000			
<b>2018</b>								
<b>Liabilities</b>								
Deposits from customers	826,177	213,419	149,003	-	-	975,232	-	2,163,831
Deposits and placements from financial institutions	2,689,887	2,138,813	4,170	-	-	3,752	-	4,836,622
Derivatives financial liabilities	-	-	-	-	-	-	347,288	347,288
Other non-interest sensitive balances	-	-	-	-	-	145,791	-	145,791
<b>Total liabilities</b>	<b>3,516,064</b>	<b>2,352,232</b>	<b>153,173</b>	<b>-</b>	<b>-</b>	<b>1,124,775</b>	<b>347,288</b>	<b>7,493,532</b>
<b>Shareholder's equity</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>806,498</b>	<b>-</b>	<b>806,498</b>
<b>Total liabilities and shareholder's equity</b>	<b>3,516,064</b>	<b>2,352,232</b>	<b>153,173</b>	<b>-</b>	<b>-</b>	<b>1,931,273</b>	<b>347,288</b>	<b>8,300,030</b>
<b>On-balance sheet interest sensitivity gap representing total interest sensitivity gap</b>	<b>957,065</b>	<b>398,712</b>	<b>17,317</b>	<b>294,388</b>	<b>-</b>	<b>(1,689,075)</b>	<b>21,593</b>	<b>-</b>

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**5.0 MARKET RISK MANAGEMENT (CONTINUED)**

**(i) Interest rate risk/Profit rate risk (continued)**

The Bank is exposed to various risks associated with the effects of fluctuations in the prevailing levels of market interest rates on its financial position and cash flows. The following tables represents the Bank's assets and liabilities at carrying amount, categorised by the earlier of contractual or repricing dates as at 31 March 2017.

	←----- Non-trading book ----->					Non-Interest Sensitive RM'000	Trading Book RM'000	Total RM'000
	Up to 1 Month RM'000	> 1 to 3 Months RM'000	> 3 to 12 Months RM'000	> 1 to 5 Years RM'000	> 5 Years RM'000			
<b>2017</b>								
<b>Assets</b>								
Cash and short-term funds	2,322,736	-	-	-	-	152,438	-	2,475,174
Deposits and placements with financial institutions	-	1,046,709	130,182	-	-	-	-	1,176,891
Financial investments available-for-sale	-	99,626	90,096	110,302	-	-	-	300,024
Loans, advances and financing	1,808,898	1,836,576	39,106	-	-	(39,326)	-	3,645,254
Derivative financial assets	-	-	-	-	-	-	593,387	593,387
Other non-interest sensitive balances	-	-	-	-	-	35,619	-	35,619
<b>Total assets</b>	<b>4,131,634</b>	<b>2,982,911</b>	<b>259,384</b>	<b>110,302</b>	<b>-</b>	<b>148,731</b>	<b>593,387</b>	<b>8,226,349</b>

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**5.0 MARKET RISK MANAGEMENT (CONTINUED)**

**(i) Interest rate risk/Profit rate risk (continued)**

	←----- Non-trading book ----->					Non-Interest Sensitive RM'000	Trading Book RM'000	Total RM'000
	Up to 1 Month RM'000	> 1 to 3 Months RM'000	> 3 to 12 Months RM'000	> 1 to 5 Years RM'000	> 5 Years RM'000			
<b>2017</b>								
<b>Liabilities</b>								
Deposits from customers	741,214	1,025,824	226,927	-	-	642,178	-	2,636,143
Deposits and placements from financial institutions	1,880,937	1,778,238	24,602	-	-	3,026	-	3,686,803
Derivatives financial liabilities	-	-	-	-	-	-	565,168	565,168
Other non-interest sensitive balances	-	-	-	-	-	589,716	-	589,716
<b>Total liabilities</b>	<b>2,622,151</b>	<b>2,804,062</b>	<b>251,529</b>	<b>-</b>	<b>-</b>	<b>1,234,920</b>	<b>565,168</b>	<b>7,477,830</b>
<b>Shareholder's equity</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>748,519</b>	<b>-</b>	<b>748,519</b>
<b>Total liabilities and shareholder's equity</b>	<b>2,622,151</b>	<b>2,804,062</b>	<b>251,529</b>	<b>-</b>	<b>-</b>	<b>1,983,439</b>	<b>565,168</b>	<b>8,226,349</b>
<b>On-balance sheet interest sensitivity gap representing total interest sensitivity gap</b>	<b>1,509,483</b>	<b>178,849</b>	<b>7,855</b>	<b>110,302</b>	<b>-</b>	<b>(1,834,708)</b>	<b>28,219</b>	<b>-</b>



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**5.0 MARKET RISK MANAGEMENT (CONTINUED)**

**(ii) Currency risk**

Currency rate risk arises as a result of the movements in exchange rates, which affects the bank's profit and capital from the open position in foreign currencies. Currently the bank executes the transactions on a back-to-back basis to minimize its exposure to the fluctuations in exchange rate.

The table below analyses the net foreign exchange positions of the Bank as at 31 March 2018 and 31 March 2017, by major currencies, which are mainly in Ringgit Malaysia, US Dollar and Japanese Yen. The "others" foreign exchange risk include mainly exposure to Singapore Dollar, the Great British Pound, Hong Kong Dollar, Euro and Thailand Baht.

	<b>Ringgit Malaysia RM'000</b>	<b>United States Dollar RM'000</b>	<b>Japanese Yen RM'000</b>	<b>Others RM'000</b>	<b>Total RM'000</b>
<b>2018</b>					
<b>Assets</b>					
Cash and short-term funds	1,032,975	222,475	80,158	53,110	1,388,718
Deposits and placements with financial institutions	50,000	77,220	-	593	127,813
Financial investments available-for-sale	454,653	-	-	-	454,653
Loans, advances and financing	555,217	5,013,042	194,061	76,281	5,838,601
Derivative financial assets	192,929	169,070	6,629	253	368,881
Other assets	97,927	99	-	13	98,039
Property and equipment	9,981	-	-	-	9,981
Intangible asset	13,344	-	-	-	13,344
<b>Total assets</b>	<b>2,407,026</b>	<b>5,481,906</b>	<b>280,848</b>	<b>130,250</b>	<b>8,300,030</b>

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**5.0 MARKET RISK MANAGEMENT (CONTINUED)**

**(ii) Currency risk (continued)**

	<b>Ringgit Malaysia RM'000</b>	<b>United States Dollar RM'000</b>	<b>Japanese Yen RM'000</b>	<b>Others RM'000</b>	<b>Total RM'000</b>
<b>2018</b>					
<b>Liabilities</b>					
Deposits from customers	1,357,142	646,763	107,631	52,295	2,163,831
Deposits and placements from financial institutions	3,740	4,563,904	192,813	76,165	4,836,622
Derivative financial liabilities	172,635	173,599	963	91	347,288
Other liabilities	125,449	11,316	1,766	109	138,640
Deferred tax liabilities	7,151	-	-	-	7,151
<b>Total liabilities</b>	<b>1,666,117</b>	<b>5,395,582</b>	<b>303,173</b>	<b>128,660</b>	<b>7,493,532</b>
<b>On-balance sheet open position</b>	<b>740,909</b>	<b>86,324</b>	<b>(22,325)</b>	<b>1,590</b>	<b>806,498</b>
Less: Derivative assets	(192,929)	(169,070)	(6,629)	(253)	(368,881)
Add: Derivative liabilities	172,635	173,599	963	91	347,288
<b>Net open position</b>	<b>720,615</b>	<b>90,853</b>	<b>(27,991)</b>	<b>1,428</b>	<b>784,905</b>

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**5.0 MARKET RISK MANAGEMENT (CONTINUED)**

**(ii) Currency risk (continued)**

	<b>Ringgit Malaysia RM'000</b>	<b>United States Dollar RM'000</b>	<b>Japanese Yen RM'000</b>	<b>Others RM'000</b>	<b>Total RM'000</b>
<b>2017</b>					
<b>Assets</b>					
Cash and short-term funds	1,985,766	402,089	39,068	48,251	2,475,174
Deposits and placements with financial institutions	446,000	730,076	-	815	1,176,891
Financial investments available-for-sale	300,024	-	-	-	300,024
Loans, advances and financing	499,752	2,826,291	206,753	112,458	3,645,254
Derivative financial assets	15,439	564,371	11,431	2,146	593,387
Other assets	12,669	431	-	1	13,101
Property and equipment	8,651	-	-	-	8,651
Intangible asset	13,867	-	-	-	13,867
<b>Total assets</b>	<b>3,282,168</b>	<b>4,523,258</b>	<b>257,252</b>	<b>163,671</b>	<b>8,226,349</b>

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**5.0 MARKET RISK MANAGEMENT (CONTINUED)**

**(ii) Currency risk (continued)**

	<b>Ringgit Malaysia RM'000</b>	<b>United States Dollar RM'000</b>	<b>Japanese Yen RM'000</b>	<b>Others RM'000</b>	<b>Total RM'000</b>
<b>2017</b>					
<b>Liabilities</b>					
Deposits from customers	1,424,997	1,099,331	62,953	48,862	2,636,143
Deposits and placements from financial institutions	42,888	3,324,325	207,194	112,396	3,686,803
Derivative financial liabilities	11,827	550,476	949	1,916	565,168
Other liabilities	576,865	9,886	913	182	587,846
Deferred tax liabilities	1,870	-	-	-	1,870
<b>Total liabilities</b>	<b>2,058,447</b>	<b>4,984,018</b>	<b>272,009</b>	<b>163,356</b>	<b>7,477,830</b>
<b>On-balance sheet open position</b>	<b>1,223,721</b>	<b>(460,760)</b>	<b>(14,757)</b>	<b>315</b>	<b>748,519</b>
Less: Derivative assets	(15,439)	(564,371)	(11,431)	(2,146)	(593,387)
Add: Derivative liabilities	11,827	550,476	949	1,916	565,168
<b>Net open position</b>	<b>1,220,109</b>	<b>(474,655)</b>	<b>(25,239)</b>	<b>85</b>	<b>720,300</b>

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**5.0 MARKET RISK MANAGEMENT (CONTINUED)**

**(ii) Currency risk (continued)**

**Sensitivity analysis - impact on profit/loss after taxation**

	<b>2018</b>	<b>2017</b>
	<b>RM'000</b>	<b>RM'000</b>
• if USD weakened by 100 basis points (or 1%)	910	(4,747)
• if JPY weakened by 100 basis points (or 1%)	(280)	(252)
• if SGD weakened by 100 basis points (or 1%)	1	3
• if other currencies weakened by 100 basis points (or 1%)	13	(2)
	644	(4,998)

**(iii) Liquidity risk**

Liquidity Risk forms part of Market Risk and is defined as the risk that the Bank will be unable to secure necessary funding due to deteriorating financial condition or a similar reason, and will therefore be unable to meet cash flow requirements, or that it will suffer a loss because it is compelled to pay interest rates significantly higher than normal rates to secure funding.

RMD monitors its cash-in and cash-out positions on a daily basis. The funding gap is used as a tool to monitor and control liquidity risk exposure. This is to ensure that the Bank maintains sufficient amount of liquidity buffer as a protection against any unforeseen interruption to cash flow.

RMD conducts rehearsal for local currency regularly to ensure the effectiveness and operational feasibility of the Liquidity Contingency Plan. The key aspects of the testing are to focus on the preparedness of the Bank in handling a simulated distress funding situation. It also provides exposure and develops capabilities on how to respond to a liquidity crisis situation and operate effectively with each other under challenging circumstances.

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**5.0 MARKET RISK MANAGEMENT (CONTINUED)**

**(iii) Liquidity risk (continued)**

The table below analyses assets and liabilities (inclusive of non-financial instruments) of the Bank in the relevant maturity tenures based on remaining contractual maturities as at 31 March 2018 and 31 March 2017.

The disclosure is made in accordance with the requirement of BNM's policy document of BNM/RH/STD 032-5 *Financial Reporting*:

*Contractual maturity of total assets and liabilities*

	<b>Up to 1 Month RM'000</b>	<b>&gt; 1 to 3 Months RM'000</b>	<b>&gt; 3 to 12 Months RM'000</b>	<b>&gt; 1 to 5 Years RM'000</b>	<b>Over 5 Years RM'000</b>	<b>No specific maturity RM'000</b>	<b>Total RM'000</b>
<b>2018</b>							
<b>Assets</b>							
Cash and short-term funds	1,388,718	-	-	-	-	-	1,388,718
Deposits and placements with financial institutions	-	50,593	77,220	-	-	-	127,813
Financial investments available-for-sale	-	110,105	50,160	294,388	-	-	454,653
Loans, advances and financing	2,399,865	902,809	400,876	1,771,703	363,348	-	5,838,601
Derivative financial assets	4,467	4,326	123,919	204,139	32,030	-	368,881
Other assets	3,379	1,794	144	3,845	-	88,877	98,039
Property and equipment	-	-	-	-	-	9,981	9,981
Intangible asset	-	-	-	-	-	13,344	13,344
<b>Total assets</b>	<b>3,796,429</b>	<b>1,069,627</b>	<b>652,319</b>	<b>2,274,075</b>	<b>395,378</b>	<b>112,202</b>	<b>8,300,030</b>

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**5.0 MARKET RISK MANAGEMENT (CONTINUED)**

**(iii) Liquidity risk (continued)**

*Contractual maturity of total assets and liabilities (continued)*

	<b>Up to 1 Month RM'000</b>	<b>&gt; 1 to 3 Months RM'000</b>	<b>&gt; 3 to 12 Months RM'000</b>	<b>&gt; 1 to 5 Years RM'000</b>	<b>Over 5 Years RM'000</b>	<b>No specific maturity RM'000</b>	<b>Total RM'000</b>
<b>2018</b>							
<b>Liabilities</b>							
Deposits from customers	1,801,409	213,419	149,003	-	-	-	2,163,831
Deposits and placements from financial institutions	2,693,639	2,123,369	4,170	15,444	-	-	4,836,622
Derivative financial liabilities	4,126	3,498	121,636	189,396	28,632	-	347,288
Other liabilities	13,774	3,568	1,268	368	-	119,662	138,640
Deferred tax liabilities	-	-	-	-	-	7,151	7,151
<b>Total liabilities</b>	<b>4,512,948</b>	<b>2,343,854</b>	<b>276,077</b>	<b>205,208</b>	<b>28,632</b>	<b>126,813</b>	<b>7,493,532</b>
<b>Net liquidity gap</b>	<b>(716,519)</b>	<b>(1,274,227)</b>	<b>376,242</b>	<b>2,068,867</b>	<b>366,746</b>	<b>(14,611)</b>	<b>806,498</b>

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**5.0 MARKET RISK MANAGEMENT (CONTINUED)**

**(iii) Liquidity risk (continued)**

*Contractual maturity of total assets and liabilities (continued)*

	<b>Up to 1 Month RM'000</b>	<b>&gt; 1 to 3 Months RM'000</b>	<b>&gt; 3 to 12 Months RM'000</b>	<b>&gt; 1 to 5 Years RM'000</b>	<b>Over 5 Years RM'000</b>	<b>No specific maturity RM'000</b>	<b>Total RM'000</b>
<b>2017</b>							
<b>Assets</b>							
Cash and short-term funds	2,475,174	-	-	-	-	-	2,475,174
Deposits and placements with financial institutions	-	1,046,709	130,182	-	-	-	1,176,891
Financial investments available-for-sale	-	99,626	90,096	110,302	-	-	300,024
Loans, advances and financing	873,485	344,755	237,264	1,679,412	510,338	-	3,645,254
Derivative financial assets	720	3,863	147,802	426,142	14,860	-	593,387
Other assets	2,431	3,057	6,412	-	-	1,201	13,101
Property and equipment	-	-	-	-	-	8,651	8,651
Intangible asset	-	-	-	-	-	13,867	13,867
<b>Total assets</b>	<b>3,351,810</b>	<b>1,498,010</b>	<b>611,756</b>	<b>2,215,856</b>	<b>525,198</b>	<b>23,719</b>	<b>8,226,349</b>



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**5.0 MARKET RISK MANAGEMENT (CONTINUED)**

**(iii) Liquidity risk (continued)**

*Contractual maturity of total assets and liabilities (continued)*

	<b>Up to 1 Month RM'000</b>	<b>&gt; 1 to 3 Months RM'000</b>	<b>&gt; 3 to 12 Months RM'000</b>	<b>&gt; 1 to 5 Years RM'000</b>	<b>Over 5 Years RM'000</b>	<b>No specific maturity RM'000</b>	<b>Total RM'000</b>
<b>2017</b>							
<b>Liabilities</b>							
Deposits from customers	1,383,392	1,025,824	226,927	-	-	-	2,636,143
Deposits and placements from financial institutions	1,883,963	1,778,238	24,602	-	-	-	3,686,803
Derivative financial liabilities	713	3,442	146,706	403,707	10,600	-	565,168
Other liabilities	10,948	4,085	5,409	6,940	23	560,441	587,846
Deferred tax liabilities	-	-	-	-	-	1,870	1,870
<b>Total liabilities</b>	<b>3,279,016</b>	<b>2,811,589</b>	<b>403,644</b>	<b>410,647</b>	<b>10,623</b>	<b>562,311</b>	<b>7,477,830</b>
<b>Net liquidity gap</b>	<b>72,794</b>	<b>(1,313,579)</b>	<b>208,112</b>	<b>1,805,209</b>	<b>514,575</b>	<b>(538,592)</b>	<b>748,519</b>

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## **6.0 OPERATIONAL RISK MANAGEMENT**

The Bank defines operational risk as the risk of loss that it may incur resulting from inadequate or failed internal processes, people and systems, or from external events. The following risk categories are included in the Bank's definition of operational risk.

(i) *Execution Risk*

which encompasses situations where trades fail to be executed, due to dealing, processing, settlement, or reconciliation problems, at times leading to costly delays or penalties.

(ii) *People Risk*

which encompasses the risk of human errors/omissions, frauds by staff or external persons and mishaps involving key personnel.

(iii) *Systems Risk*

which is the risk of disruption to operations arising from systems failures, unauthorised intrusion or tampering of systems.

(iv) *Model Risk*

which represents the risk that incorrect raw data, assumptions and hypotheses will result in erroneous output from the model constructed/used.

As part of initiatives to improve operational risk management, "Control Self-Assessments" ("CSAs"), is implemented every six months to all departments to identify operational risk issues in the departments to reduce such risk. "Key Risk Indicator" ("KRI"), also being implemented on a monthly basis to reduce operational risk.

## **7.0 ICAAP OVERVIEW**

The ICAAP is defined as a "process for assessing overall capital adequacy in relation to the Bank's risk profile and a strategy for maintaining its capital level".

The responsibility for developing an ICAAP lies with the Bank. It is therefore the duty of the bank to demonstrate to the regulators, among others, that it's ICAAP is comprehensive and that its chosen internal capital target and capital level are adequate in view of its overall risk profile and operating environment.

There is no standard ICAAP methodology or approach that is adopted by the industry. In view of the variations, the bank's ICAAP are proportionate to the nature, scale and complexity of the bank activities.

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**7.1 COMPONENTS OF ICAAP**

**(i) Governance and oversight**

The ICAAP governance and oversight function provides clear roles and responsibility to ensure the bank able to maintain an appropriate levels of capital for its risk exposure.

**(ii) Comprehensive risk assessment**

- The material risk assessment process is designed to create an ability to estimate the impact of other risk (aside from Pillar 1 risks) on earnings and where relevant, capital requirements.
- The mitigation of the risk of additional capital charges under Pillar 2 ICAAP may be applied through demonstration of management control processes for all aspects of risk that may materially impact the bank.

**(iii) Sound capital management**

The bank conducted ongoing process of determining and maintaining sufficient capital to support the underlying risk of the bank's business activities and to maintain a well-capitalised status under the regulatory requirements. Main components:

- Capital planning
- Internal capital target
- Capital stress test
- Early warning indicator
- Capital contingency plan

**(iv) Monitoring and reporting**

Regular reports are prepared for ALMC, BRMC and the BOD on the Bank's risk profile and capital needs. This is to enable the oversight committee to evaluate the level and trends of material risk and their effect on capital levels.

**(v) Independent review**

Regular independent review by Internal Audit is performed to ensure its continued effectiveness. Any deficiencies identified in the independent review report would be further deliberated for any enhancements or rectifications.

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**8.0 COMPREHENSIVE RISK ASSESSMENT - Material Risk Assessment**

Step	Key process	Description of Activity
1	Risk Identification	<p>The risks faced by the Bank are determined by identifying internal and external factors that can adversely affect the Bank's risk profile. This is conducted as both a top-down and bottom-up approach.</p> <p><u>Top down approach</u>  Under the top down approach, "material risk" are defined under the ICAAP framework, as a periodic exercise and based on discussions with Senior Management and BRMC and feedback from BNM. The process is qualitative in nature and takes into account the potential implications of such risks as defined in "material risks".</p> <p><u>Bottom up approach</u>  This process is designed to identify new material risks, assess and manage inherent risks in new products and services before they are launched in line with BNM requirements.</p>
2	Assessment of Risk	<p>Based on the list of risks identified through both the top-down and bottom-up approaches, the following two dimensions are assessed:-</p> <ol style="list-style-type: none"> <li>1. Likelihood of a risk event.</li> <li>2. Impact to the Bank should it materialise.</li> </ol> <p>This exercise which is conducted periodically involves the business and support department's to identify and assess the risks.</p>
3	Quantify Risk	<p>The methodology for quantification of risk impacts will depend on the nature of the material risk. For example, the measurement of reputational risk will be different from the measurement of business or strategic risk.</p>
4	Set Materiality Threshold	<p>Before a materiality threshold is set, consideration of this aggregate risk tolerance needs to be decided.</p>
5	Determine Mitigation Approach	<p>The Bank shall evaluate the options in relation to risk appetite, if any, and the cost benefit of potential risk responses and the degree to which a response will reduce the impact or likelihood of event occurring.</p>
6	Manage "Material Risk"	<p>Where the risks have been identified as "material", appropriate policy and procedure shall be developed to embed effective governance and controls the day-to-day operations under the Bank's three lines of defence framework.</p> <p>These risk frameworks shall identify the key policies and procedures that should be emplaced to manage these risks within the tolerances that are consistent with the risk appetite of the Bank.</p> <p>Control and monitoring processes shall be put in place to ensure exposure remains within the acceptable levels.</p> <p>The management of "material risk" is a continuous and on-going process and is a key component of the Pillar 2 requirements set under Basel II.</p>

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## **9.0 SHARIAH RISK MANAGEMENT**

Shariah Risk Management is a function to systematically identify, measure, monitor and control of Shariah Non-Compliance ("SNC") risks to mitigate any possible non-compliance events to which the Bank is exposed to when undertaking of Islamic finance business.

Risk Management Department ("RMD") is responsible for facilitating the process of identifying, measuring, controlling, monitoring and reporting of SNC risk inherent in the Bank's finance operations and activities.

The objectives of the Bank's Shariah risk management activities are:

- to develop, maintain and enhance the Bank's Shariah risk management framework, methodologies and policies for monitoring and managing SNC.
- to conduct independent assessment to ensure that the Islamic finance activities and operations carried out by the Bank do not contravene with Shariah principle.

The Bank's overall governance model for Shariah risk management is premised on the concept of the three (3) lines of Defence - risk taking units, risk control unit and internal audit.

- Risk taking units responsible for the day-to-day management of risks inherent in their business activities and alert RMD of any possible SNC event and occurrence.
- Risk control units are responsible for setting the Shariah risk management framework and developing tools and methodologies for the identification, measurement, monitoring and reporting of risks.
- Internal audit provides independent assurance with the objective of ensuring that sound and effective internal controls have been established in compliance with Shariah principle.

The governance model for Shariah risk management is also supported by the establishment of Shariah Committee which advises the Bank on Shariah matters relating to the Islamic finance operations. The Committee ensures that the operations of Islamic finance, its product, processes and legal documentation are in line with the Shariah principle.

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## **10.0 STRESS TESTING**

Stress Testing is a risk management tool used to gauge a bank's vulnerability to exceptional but plausible events. This is to evaluate the potential impact on the Bank's portfolio under such circumstances.

The exceptional events would be fairly rare and have a large magnitude or impact on the portfolio to be stress tested. Plausible events cannot be too extreme that no entity could withstand such a shock or have zero probability of occurring.

The role of stress testing involves identifying possible events or future changes in the financial and economic conditions that could have unfavourable effects on the Bank's exposure. It provides the assessment of the Bank's ability to withstand such changes, usually in relation to the capacity of its capital and earnings to absorb potentially significant losses. Steps are then identified to manage the risks and conserve capital to prepare for such eventualities.

The stress test is a semi-annual exercise which is dynamic in nature. The stress test scenarios can be formulated based on hypothetical events or recent economic market environment that could have unfavourable effects to the Bank's exposure.

For the Bank, the stress test is conducted either based on the parameters applied to the current position or using the 3 year business plan projection. The three key segments namely loan growth, deposit growth and profit growth are focused in the 3 year business plan. Impacts on the Bank's potential losses, impairments, liquidity position, earnings and capital ratio is projected based on the selected parameters.

With the stress test results that will be communicated to the Board, BRMC and ALMC, the Bank shall identify the key strategies to mitigate the effects of stress events and conserve the capital.

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**PILLAR 3 DISCLOSURE**  
**FOR THE FINANCIAL YEAR ENDED 31 MARCH 2018**

**CHIEF EXECUTIVE OFFICER ATTESTATION**

In accordance with Bank Negara Malaysia's Risk Weighted Capital Adequacy Framework (Basel II) – Disclosure Requirements (Pillar 3), I hereby attest that to the best of my knowledge, the disclosures contained in Mizuho Bank (Malaysia) Berhad's Pillar 3 Disclosure report for the financial ended 31 March 2018 are consistent with the manner the Bank assesses and manages its risk, accurate, complete and not misleading in any particular way.



SHOJIRO MIZOGUCHI  
CHIEF EXECUTIVE OFFICER

Date : 29 JUN 2018