

# **Industrial and Commercial Bank of China (Malaysia) Berhad**

Registration No. 201001000001 (839839M)

(Incorporated in Malaysia)

## **Risk-Weighted Capital Adequacy Framework (Basel II) Pillar 3 Disclosures as at 31 December 2019**

### **OFFICER-IN-CHARGE'S ATTESTATION**

I, Wang Qiang, being the Chief Executive Officer / Managing Director of Industrial and Commercial Bank of China (Malaysia) Berhad, do hereby state that, in my opinion, the Pillar 3 Disclosures set out on pages 1 to 25 have been prepared in accordance with the Bank Negara Malaysia's Risk-Weighted Capital Adequacy Framework (Basel II) - Disclosure Requirements (Pillar 3), are accurate and complete.

Wang Qiang

Chief Executive Officer / Managing Director

Date: 28 April 2020

**Risk-Weighted Capital Adequacy Framework (Basel II)****Pillar 3 Disclosure****1.0 Overview**

The Pillar 3 Disclosure for financial reporting beginning 1 January 2011 is required under the Bank Negara Malaysia (“BNM”)’s Risk-Weighted Capital Adequacy Framework (“RWCAF”). This is equivalent to Basel II issued by the Basel Committee on Banking Supervision. Basel II consists of the following Pillars:

(i) Pillar 1

Outlines the minimum regulatory capital that banking institutions must hold against the credit, market and operational risks assumed.

(ii) Pillar 2

Focuses on strengthening the supervisory review process in developing more rigorous risk management framework and techniques. The purpose of this Pillar is for banking institutions to implement an effective and rigorous internal capital adequacy assessment process that is commensurate with the scale, nature and complexity of its operations. It sets out the requirements to assess risks in a holistic manner and beyond the capital requirements for Pillar 1 risks.

(iii) Pillar 3

Outlines the minimum disclosure requirements of information on the risk management practices and capital adequacy of banking institutions. The Pillar’s aim is to enhance transparency and market discipline in regulating the risk-taking behaviours of banking institutions. In turn, this will contribute to BNM’s supervisory monitoring efforts and strengthen incentives for the banking institutions to implement robust risk management systems.

The approaches adopted by Industrial and Commercial Bank of China (Malaysia) Berhad (“the Bank”), are shown in table below:

	<b>Risk Type</b>	<b>Approach Adopted</b>	<b>Capital Requirement Assessment</b>
1	Credit	Standardised Approach	Standard risk-weights
2	Market	Standardised Approach	Standard risk-weights
3	Operational	Basic Indicator Approach (BIA)	Fixed percentage over average gross income for a fixed number of years

The Bank is principally engaged in the provision of conventional banking and other related financial services. The Bank’s Pillar 3 Disclosure is in compliance with the BNM’s Risk-Weighted Capital Adequacy Framework (Basel II) - Disclosure Requirements (Pillar 3). The information provided herein has been reviewed and certified by the Bank’s Chief Executive Officer.

**2.0 Capital Management and Capital Adequacy**

The Bank’s lead regulator, BNM, sets and monitors capital requirement for the Bank. The Bank is required to comply with the provisions of the Basel II framework in respect of regulatory capital adequacy.

The Bank adopts a prudent and forward-looking capital management approach to ensure it has adequate capital to support its operations at all times. On top of the minimum regulatory capital requirements, a buffer is added on to arrive at the Bank’s internal capital target to ensure adequacy of capital to support the current and anticipated business growth. Internal Capital Adequacy Assessment Process (“ICAAP”) is formulated to identify the material risks in the business. The material risk areas that are taken into consideration are credit risk, market risk, operational risk, credit concentration risk, liquidity risk, interest rate risk in banking book, compliance risk, legal risk, strategic risk as well as reputation risk.

## 2.0 Capital Management and Capital Adequacy (*continued*)

Internal capital assessment is carried out to determine the level of internal capital required by the Bank based on the Pillar 1 and 2 requirements as well as the assessment of the 3-year financial projection. Capital plan, business plan and budget are approved by the Board of Directors on an annual basis. The business plan in particular would set out the Bank's risk appetite to be in line with the lending direction and business strategies for the coming year. Senior Management is responsible in ensuring a smooth development and implementation of the ICAAP policy as well as effective systems and processes are in place. The Bank's performance against the internal capital levels is reviewed on a regular basis by the Senior Management. Should there be a need for capital raising exercise, it will be presented to the Board of Directors for approval.

The Bank undertakes stress test exercise on a half yearly basis to assess the Bank's capability to withstand the adverse environment. The stress test will at least cover the exceptional but plausible event and the worst case scenario. The possible impact to the Bank due to occurrence of adverse events, i.e. significant deterioration in borrowers' credit profile, decline in collateral value, erosion in the Bank's net interest margin and sizeable foreign exchange loss will be examined. The Bank also performs reverse stress testing to identify potential stressed scenario that could threaten the viability of the Bank. The results of the stress test together with the proposed mitigating actions shall be tabled to the Senior Management and the Board of Directors for deliberations.

The Bank's regulatory capital are analysed as follows:

(i) Tier 1 Capital, which comprises the following:

- Common Equity Tier 1 ("CET1") Capital, which includes ordinary share capital, share premium, retained earnings (net of dividends declared), statutory reserve and other regulatory adjustments relating to items that are included in equity but are treated differently for capital adequacy purpose.
- Additional Tier 1 Capital, which consists of instruments that are issued and paid-up, subordinated to depositors and perpetual in nature (amongst all other criteria) which are not included in CET1 Capital, the share premium arising from issuance of such instruments as well as the regulatory adjustments in relation to the calculation of Additional Tier 1 Capital.

(ii) Tier 2 Capital includes expected credit loss allowance (excluding expected credit loss allowances attributable to financing classified as impaired) and regulatory reserve.

Capital adequacy ratios of the Bank are computed in accordance with BNM's Capital Adequacy Framework. For the year 2019, the minimum regulatory CET1 capital ratio, Tier 1 capital ratio and total capital ratio requirement are 7.000%, 8.500% and 10.500% on the risk-weighted assets ("RWA") respectively. The following information presents the capital adequacy ratios of the Bank and the breakdown of RWA:

(a) Capital Adequacy Ratio	31 Dec 2019	31 Dec 2018
CET1 capital ratio	29.937%	27.370%
Tier 1 capital ratio	29.937%	27.370%
Total capital ratio	31.073%	28.523%

**2.0 Capital Management and Capital Adequacy (continued)**

(b) The breakdown of RWA by exposures in each major risk category under standardised approach are as follows:

Risk type	31 Dec 2019			
	Gross Exposures RM'000	Net Exposures RM'000	Risk-Weighted Assets RM'000	Capital Requirement RM'000
<i>Credit Risk</i>				
<u>On-Balance Sheet Exposures</u>				
Sovereigns / Central Banks	729,916	729,916	-	-
Banks, Development Financial Institutions and MDBs	1,233,265	1,233,265	268,026	21,442
Corporates	2,816,685	2,816,685	2,411,632	192,931
Regulatory Retail	179,250	179,250	175,888	14,071
Residential Mortgages	91,342	91,342	34,985	2,799
Other Assets	46,398	46,398	37,962	3,037
<b>Total On-Balance Sheet Exposures</b>	<b>5,096,856</b>	<b>5,096,856</b>	<b>2,928,493</b>	<b>234,280</b>
<u>Off-Balance Sheet Exposures</u>				
Credit-related off-balance sheet exposures	697,037	697,037	498,188	39,855
OTC derivatives	6,643	6,643	2,741	219
<b>Total Off-Balance Sheet Exposures</b>	<b>703,680</b>	<b>703,680</b>	<b>500,929</b>	<b>40,074</b>
<b>Total On and Off-Balance Sheet Exposures</b>	<b>5,800,536</b>	<b>5,800,536</b>	<b>3,429,422</b>	<b>274,354</b>
Large exposure risk requirement*	-	-	-	-
<i>Market Risk</i>				
	<u>Long Position</u>	<u>Short Position</u>		
Foreign currency risk	14,229	34	14,229	1,138
<i>Operational Risk</i>				
	-	-	-	-
<b>Total RWA and Capital Requirements</b>			<b>3,772,189</b>	<b>301,775</b>

Note:

MDBs - Multilateral Development Banks

OTC - Over the counter

\*The Bank does not need to fulfill the capital requirement for Large Exposure Risk as there is no amount in excess of the lowest threshold arising from equity holdings as specified in the BNM's RWCAF.

**2.0 Capital Management and Capital Adequacy (continued)**

Risk type	31 Dec 2018			
	Gross Exposures RM'000	Net Exposures RM'000	Risk-Weighted Assets RM'000	Capital Requirement RM'000
<i>Credit Risk</i>				
<u>On-Balance Sheet Exposures</u>				
Sovereigns / Central Banks	909,239	909,239	-	-
Banks, Development Financial Institutions and MDBs	745,271	745,271	176,704	14,136
Corporates	2,991,405	2,991,405	2,662,537	213,003
Regulatory Retail	88,601	88,601	76,304	6,104
Residential Mortgages	73,730	73,730	27,384	2,191
Other Assets	30,816	30,816	23,530	1,882
<b>Total On-Balance Sheet Exposures</b>	<b>4,839,062</b>	<b>4,839,062</b>	<b>2,966,459</b>	<b>237,316</b>
<u>Off-Balance Sheet Exposures</u>				
Credit-related off-balance sheet exposures	865,115	865,115	646,921	51,754
OTC derivatives	29,636	29,636	12,873	1,030
<b>Total Off-Balance Sheet Exposures</b>	<b>894,751</b>	<b>894,751</b>	<b>659,794</b>	<b>52,784</b>
<b>Total On and Off-Balance Sheet Exposures</b>	<b>5,733,813</b>	<b>5,733,813</b>	<b>3,626,253</b>	<b>290,100</b>
Large exposure risk requirement*	-	-	-	-
<i>Market Risk</i>				
	Long Position	Short Position		
Foreign currency risk	1,973	91	1,973	158
<i>Operational Risk</i>				
	-	-	305,504	24,440
<b>Total RWA and Capital Requirements</b>			<b>3,933,730</b>	<b>314,698</b>

Note:

MDBs - Multilateral Development Banks

OTC - Over the counter

\*The Bank does not need to fulfill the capital requirement for Large Exposure Risk as there is no amount in excess of the lowest threshold arising from equity holdings as specified in the BNM's RWCAF.

### 3.0 Capital Structure

The bank's total capital according to Bank Negara Malaysia's Capital Adequacy Framework (Capital Components) are as follows:

	31 Dec 2019 RM'000	31 Dec 2018 RM'000
<b>Common Equity Tier 1 ("CET1") Capital</b>		
Paid-up share capital	832,609	832,609
Retained earnings	304,399	254,076
Regulatory reserve	17,644	17,644
Foreign currency translation reserve	(261)	(295)
Unrealised gains on financial investments measured at FVOCI	9,841	1,299
	<b>1,164,232</b>	<b>1,105,333</b>
Less: Regulatory adjustments applied in calculation of CET1 Capital		
- Deferred tax assets	(11,905)	(10,298)
- 55% of cumulative gains of financial investments measured at FVOCI	(5,412)	(714)
- Regulatory reserve attributable to loans, advances and financing	(17,644)	(17,644)
	<b>(34,961)</b>	<b>(28,656)</b>
Total CET1 Capital	<b>1,129,271</b>	<b>1,076,677</b>
<b>Tier 2 Capital</b>		
Allowance for credit loss	25,223	27,684
Regulatory reserve	17,644	17,644
Total Tier 2 Capital	<b>42,867</b>	<b>45,328</b>
Total Capital	<b>1,172,138</b>	<b>1,122,005</b>

### 4.0 Risk Management Framework

The Board of Directors establishes the Bank's risk appetite and risk principles. The Board Risk Management Committee ("BRMC") is the principal board committee that oversees the Bank's risk management. It reviews the Bank's overall risk management frameworks and major risk policies. The BRMC is supported by Senior Management Committee, Management Risk Management Committee ("MRMC"), various functional committees at management level and Risk Management Department.

MRMC has been established for active Senior Management oversight, deliberating on policies, profiles and activities pertaining to integrated risk management. All major risk policies have to be deliberated at relevant functional management committees (including MRMC) prior to escalation to BRMC and Board of Directors for approval.

The Bank's risk management policies are established to guide the risk governance activities that cover identification, measurement, assessment, monitoring and controlling of risks. Risk management policies and systems are reviewed regularly to suit the evolving operating environment and requirements. The Bank, through its training, communications, standards and procedures, aims to develop a disciplined and constructive control environment, in which all employees understand their roles and obligations.

The Board Audit Committee, supported by Internal Audit Department, provides an independent assessment of the adequacy and reliability of the risk management processes and system of internal controls, and compliance with risk policies and regulatory requirements.

The Bank has exposure to the following risks, amongst others, from financial instruments:

- Credit risk
- Market risk
- Operational risk
- Liquidity risk

## 5.0 Credit Risk

Credit risk is the risk of financial loss to the Bank due to failure of the Bank's customers or counterparties in meeting their contractual financial obligations. The credit risk comes primarily from the Bank's placements, direct lending, trade finance and funding activities. Credit exposures are managed in a prudent manner and collaterals are taken whenever required as risk mitigation measures. Periodic credit review is performed to assess the ongoing quality of the Bank's credit portfolio, the impact of pertinent factors on the credit profile of the counterparties / customers and the collaterals taken.

The Board of Directors has delegated responsibility for the oversight of credit risk to the Credit Committee and MRMC. These committees are supervised by the Senior Management Committee.

The functions of the Credit Committee are as follows:

- To ensure prudent underwriting standards that are consistent with the Bank's risk appetite and lending direction
- To deliberate lending propositions and credit related requests
- To review credit exposures periodically to ensure prudent and effective credit risk management

The functions of the MRMC are as follows:

- Reviewing and tracking of the Bank's credit risk management profile
- Reviewing and deliberation of credit policies
- Reviewing and tracking of the credit risk appetite of the Bank

The Bank employs a credit grading system as a tool for determining the credit risk profile of borrowers / counterparties using appropriate form of scorecards.

MFRS 9 accounting standard requires banks to determine an expected credit loss (ECL) amount on a probability-weighted basis as the difference between cash flows that are due to the Bank in accordance with the contractual terms of financial assets and the cash flows that the Bank expects to receive. The ECL model adopted by the Bank covers the on and off balance sheet credit exposures to sovereign, financial institutions, corporate / commercial and retail loans.

Under ECL Model, the credit exposures will be segregated into three stages, namely:

Stage 1: Ordinary / Performing Credit Exposure. (12-Month ECL)

Stage 2: Exposure with Significant Increase in Credit Risk. (Life Time ECL)

Stage 3: Impaired Credit Exposure. (Life Time ECL)

The general provision / impairment for the credit exposures of the Bank will be equivalent to 12-Month ECL or Life Time ECL, depending on the category of the stages.

Individual assessment is required for an impaired credit exposure (Stage 3). Individually assessed expected credit loss is required to be provided if the recoverable amount of the loan asset is less than its net carrying amount. Recoverable amount is the present value of the estimated future cash flows discounted at the original effective interest rate, or at the current interest rate if it carries variable interest rate.

The ECL Model methodology adopted for provision purposes will be reviewed and monitored on a regular basis to suit the internal and regulatory requirements.

## 5.1 Distribution of Credit Exposures

The following tables present the credit exposures of financial assets broken down by relevant category and class against the relevant industry, geography and maturity. For on-balance sheet exposures, the maximum exposure to credit risk equals to their carrying amounts. For financial guarantees, the maximum exposure to credit risk is the maximum amount that the Bank would have to pay if the obligations for which the instruments issued are called upon. For credit commitments, the maximum exposure to credit risk is the full amount of the undrawn credit granted to customers.

### (i) Industry Analysis

The following tables present the credit exposures of financial assets of the Bank analysed by industrial distribution.

As at 31 Dec 2019													
	Central Bank RM'000	Financial Services RM'000	Manufacturing RM'000	Construction RM'000	Real Estate RM'000	Retail Trade and Restaurant & Hotels RM'000	Transport, Storage and Communication RM'000	Finance, Insurance and Business Services RM'000	Electricity, Gas and Supply RM'000	Primary Agriculture RM'000	Household RM'000	Others RM'000	Total RM'000
<b>On-Balance Sheet Exposures</b>													
Cash and short-term funds	187,818	990,049	-	-	-	-	-	-	-	-	-	-	1,177,867
Deposits and placements with banks and other financial institutions	-	171,563	-	-	-	-	-	-	-	-	-	-	171,563
Financial investments measured at FVOCI	468,574	29,638	-	-	20,440	-	-	15,113	61,023	-	-	-	594,788
Financial investments measured at amortised cost	32,207	-	-	-	65,049	-	-	20,000	-	-	-	-	117,256
Loans, advances and financing	-	50,451	287,228	188,240	465,811	671,778	127,928	558,905	-	52,700	112,122	440,940	2,956,103
Overdrafts	-	-	4,558	47	6,845	1,092	3,965	15,609	-	-	547	-	32,663
Term loans	-	-	-	-	-	-	-	-	-	-	-	-	-
- Housing loans	-	-	-	-	-	-	-	-	-	-	-	-	-
- Syndicated term loans	-	-	40,959	100,505	229,122	303,519	33,069	111,980	-	52,700	92,228	-	92,228
- Other term loans	-	-	15,292	56,792	132,204	113,801	-	134,806	-	-	15,137	-	871,854
Bridging loans	-	-	150,360	-	-	-	-	-	-	-	-	-	468,032
Bills receivable	-	8,846	-	10,183	-	17,852	7,231	-	-	-	-	-	150,360
Revolving credit	-	41,605	70,202	18,545	97,640	119,467	83,663	291,510	-	-	-	-	44,112
Bankers' acceptances	-	-	5,857	2,168	-	116,047	-	5,000	-	-	-	440,940	1,163,572
Staff loans	-	-	-	-	-	-	-	-	-	-	1,881	-	129,072
Credit card loans	-	-	-	-	-	-	-	-	-	-	2,329	-	1,881
Statutory deposits with Bank Negara Malaysia	41,317	-	-	-	-	-	-	-	-	-	-	-	2,329
	729,916	1,241,701	287,228	188,240	551,300	671,778	127,928	594,018	61,023	52,700	112,122	440,940	5,058,894
<b>Commitments and Contingencies</b>													
Contingent liabilities	-	218,220	12,926	61,453	35,818	12,738	4,032	9,093	8,545	-	-	603	363,428
Commitments	-	5,079	28,280	91,202	3,313	30,863	40,591	109,882	16,013	-	12,897	2,132	340,252
	-	223,299	41,206	152,655	39,131	43,601	44,623	118,975	24,558	-	12,897	2,735	703,680
Total Credit Exposures	729,916	1,465,000	328,434	340,895	590,431	715,379	172,551	712,993	85,581	52,700	125,019	443,675	5,762,574



## 5.1 Distribution of Credit Exposures (continued)

## (i) Industry Analysis (continued)

As at 31 Dec 2018													
	Central Bank RM'000	Financial Services RM'000	Manufacturing RM'000	Construction RM'000	Real Estate RM'000	Retail Trade and Restaurant & Hotels RM'000	Transport, Storage and Communication RM'000	Finance, Insurance and Business Services RM'000	Electricity, Gas and Supply RM'000	Primary Agriculture RM'000	Household RM'000	Others RM'000	Total RM'000
On-Balance Sheet Exposures													
Cash and short-term funds	376,020	641,693	-	-	-	-	-	-	-	-	-	-	1,017,713
Deposits and placements with banks and other financial institutions	-	12,473	-	-	-	-	-	-	-	-	-	-	12,473
Financial investments	458,334	30,630	-	-	20,062	-	-	20,004	60,685	-	-	-	589,715
Financial investments measured at FVOCI	32,283	-	-	-	65,079	-	-	20,000	-	-	-	-	117,362
Financial investments measured at amortised cost	-	67,761	206,698	100,554	470,925	834,473	108,308	623,929	65,414	86,590	98,424	372,591	3,035,667
Loans, advances and financing	-	-	-	-	-	-	-	-	-	-	-	-	-
Overdrafts	-	-	8,461	1	1,496	26,697	3,981	15,910	-	-	753	-	57,299
Term loans	-	-	-	-	-	-	-	-	-	-	-	-	-
- Housing loans	-	-	-	-	-	-	-	-	-	-	76,641	-	76,641
- Syndicated term loans	-	-	88,779	57,445	35,808	412,753	63,258	210,750	-	66,571	-	-	935,364
- Other term loans	-	-	29,479	22,022	200,440	159,000	-	28,963	65,414	-	16,967	11,744	534,029
Bills receivable	-	14,955	5,045	-	-	-	-	-	-	-	-	-	20,000
Revolving credit	-	52,806	49,118	15,038	233,181	132,903	41,069	363,306	-	20,019	-	-	1,268,287
Bankers' acceptances	-	-	25,816	6,048	-	103,120	-	5,000	-	-	-	-	139,984
Staff loans	-	-	-	-	-	-	-	-	-	-	2,004	-	2,004
Credit card loans	-	-	-	-	-	-	-	-	-	-	2,059	-	2,059
Statutory deposits	42,602	-	-	-	-	-	-	-	-	-	-	-	42,602
with Bank Negara Malaysia	909,239	752,557	206,698	100,554	556,066	834,473	108,308	663,933	126,099	86,590	98,424	372,591	4,815,532
Commitments and Contingencies													
Contingent liabilities	-	217,950	15,943	58,718	38,961	12,139	5,855	16,291	21,397	-	-	884	388,138
Commitments	-	28,616	22,197	156,292	114,734	95,759	16,248	46,129	3,548	-	15,667	7,423	506,613
	-	246,566	38,140	215,010	153,695	107,898	22,103	62,420	24,945	-	15,667	8,307	894,751
Total Credit Exposures	909,239	999,123	244,838	315,564	709,761	942,371	130,411	726,353	151,044	86,590	114,091	380,898	5,710,283

## Commitments and Contingencies

Contingent liabilities  
Commitments

Total Credit Exposures

**5.1 Distribution of Credit Exposures (continued)****(ii) Geographical Analysis**

The following tables present the credit exposures of financial assets analysed by geographical distribution based on the geographical location where the credit risk resides.

	As at 31 Dec 2019		
	Within Malaysia RM'000	Outside Malaysia RM'000	Total RM'000
<b>On-Balance Sheet Exposures</b>			
Cash and short-term funds	971,515	206,352	1,177,867
Deposits and placements with banks and other financial institutions	171,563	-	171,563
Financial investments measured at FVOCI	594,788	-	594,788
Financial investments measured at amortised cost	117,256	-	117,256
Loans, advances and financing	2,300,052	656,051	2,956,103
Overdrafts	32,663	-	32,663
Term loans			
- Housing loans	92,228	-	92,228
- Syndicated term loans	404,749	467,105	871,854
- Other term loans	294,339	173,693	468,032
Bridging loans	150,360	-	150,360
Bills receivable	35,266	8,846	44,112
Revolving credit	1,157,175	6,397	1,163,572
Bankers' acceptances	129,072	-	129,072
Staff loans	1,881	-	1,881
Credit card loans	2,319	10	2,329
Statutory deposits with Bank Negara Malaysia	41,317	-	41,317
	<b>4,196,491</b>	<b>862,403</b>	<b>5,058,894</b>
<b>Commitments and Contingencies</b>			
Contingent liabilities	145,208	218,220	363,428
Commitments	327,300	12,952	340,252
	<b>472,508</b>	<b>231,172</b>	<b>703,680</b>
<b>Total Credit Exposures</b>	<b>4,668,999</b>	<b>1,093,575</b>	<b>5,762,574</b>

**5.1 Distribution of Credit Exposures (continued)****(ii) Geographical Analysis (continued)**

	As at 31 Dec 2018		
	Within Malaysia RM'000	Outside Malaysia RM'000	Total RM'000
<b>On-Balance Sheet Exposures</b>			
Cash and short-term funds	564,166	453,547	1,017,713
Deposits and placements with banks and other financial institutions	-	12,473	12,473
Financial investments measured at FVOCI	589,715	-	589,715
Financial investments measured at amortised cost	117,362	-	117,362
Loans, advances and financing	2,140,670	894,997	3,035,667
Overdrafts	57,299	-	57,299
Term loans			
- Housing loans	76,641	-	76,641
- Syndicated term loans	265,711	669,653	935,364
- Other term loans	323,640	210,389	534,029
Bills receivable	5,045	14,955	20,000
Revolving credit	1,268,287	-	1,268,287
Bankers' acceptances	139,984	-	139,984
Staff loans	2,004	-	2,004
Credit card loans	2,059	-	2,059
Statutory deposits with Bank Negara Malaysia	42,602	-	42,602
	3,454,515	1,361,017	4,815,532
<b>Commitments and Contingencies</b>			
Contingent liabilities	170,189	217,949	388,138
Commitments	385,637	120,976	506,613
	555,826	338,925	894,751
<b>Total Credit Exposures</b>	<b>4,010,341</b>	<b>1,699,942</b>	<b>5,710,283</b>

### 5.1 Distribution of Credit Exposures (continued)

#### (iii) Maturity Analysis

The following tables present the residual contractual maturity for major types of gross credit exposures for on and off-balance sheet exposures of financial assets.

	As at 31 Dec 2019					
	Up to 1 month RM'000	>1 - 3 months RM'000	>3 - 12 months RM'000	1 - 5 years RM'000	Over 5 years RM'000	Total RM'000
<b>On-Balance Sheet Exposures</b>						
Cash and short-term funds	1,177,867	-	-	-	-	1,177,867
Deposits and placements with banks and other financial institutions	-	171,563	-	-	-	171,563
Financial investments measured at FVOCI	-	20,036	54,814	519,938	-	594,788
Financial investments measured at amortised cost	-	-	-	117,256	-	117,256
Loans, advances and financing	802,090	580,001	375,572	989,444	208,996	2,956,103
Overdrafts	32,663	-	-	-	-	32,663
Term loans						
- Housing loans	673	684	3,060	16,059	71,752	92,228
- Syndicated term loans	25,111	121,940	206,422	442,919	75,462	871,854
- Other term loans	2,895	15,017	69,203	320,488	60,429	468,032
Bridging loans	-	-	-	150,360	-	150,360
Bills receivable	1,485	10,120	29,515	2,992	-	44,112
Revolving credit	700,759	367,657	38,945	56,211	-	1,163,572
Bankers' acceptances	36,160	64,565	28,347	-	-	129,072
Staff loans	15	18	80	415	1,353	1,881
Credit card loans	2,329	-	-	-	-	2,329
Statutory deposits with Bank Negara Malaysia	-	-	-	-	41,317	41,317
<b>Commitments and Contingencies</b>						
Contingent liabilities	1,979,957	771,600	430,386	1,626,638	250,313	5,058,894
Commitments	38,003	54,356	64,782	206,287	-	363,428
	1,360	4,220	231,336	103,336	-	340,252
	39,363	58,576	296,118	309,623	-	703,680
Total Credit Exposures	2,019,320	830,176	726,504	1,936,261	250,313	5,762,574

## 5.1 Distribution of Credit Exposures (continued)

## (iii) Maturity Analysis (continued)

	As at 31 Dec 2018				
	Up to 1 month RM'000	>1 - 3 months RM'000	>3 - 12 months RM'000	1 - 5 years RM'000	Over 5 years RM'000
<b>On-Balance Sheet Exposures</b>					<b>Total RM'000</b>
Cash and short-term funds	1,017,713	-	-	-	1,017,713
Deposits and placements with banks and other financial institutions	-	-	12,473	-	12,473
Financial investments measured at FVOCI	-	-	4,993	388,111	196,611
Financial investments measured at amortised cost	-	-	-	117,362	-
Loans, advances and financing	-	-	-	-	-
Overdrafts	1,026,540	582,209	242,140	974,767	210,011
Term loans	57,299	-	-	-	57,299
- Housing loans	606	650	2,860	15,112	57,413
- Syndicated term loans	18,192	9,056	152,231	755,885	935,364
- Other term loans	19,235	161,753	41,604	160,299	151,138
Bills receivable	7,538	-	3,477	8,985	20,000
Revolving credit	870,115	355,323	8,788	34,061	1,268,287
Bankers' acceptances	51,480	55,407	33,097	-	139,984
Staff loans	16	20	83	425	2,004
Credit card loans	2,059	-	-	-	2,059
Statutory deposits with Bank Negara Malaysia	-	-	-	-	42,602
	2,044,253	582,209	259,606	1,480,240	449,224
					4,815,532
<b>Commitments and Contingencies</b>					
Contingent liabilities	33,369	21,871	123,795	209,103	-
Commitments	4,318	601	238,484	263,210	506,613
	37,687	22,472	362,279	472,313	894,751
Total Credit Exposures	2,081,940	604,681	621,885	1,952,553	449,224
					5,710,283

**5.2 Credit Quality of Loans, Advances and Financing****(i) Impaired loans, advances and financing analysed by:**

	31 Dec 2019 RM'000	31 Dec 2018 RM'000
<i>a) Sector</i>		
Wholesale & retail trade and restaurant & hotels	1,105	1,123
Household	12	65
	<u>1,117</u>	<u>1,188</u>
<i>b) By geographical distributions</i>		
Within Malaysia	12	65
Outside Malaysia	1,105	1,123
	<u>1,117</u>	<u>1,188</u>

**(ii) Past due but not impaired loans**

Household	<u>158</u>	<u>210</u>
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All past due but not impaired loans were from customers residing in Malaysia.

**(iii) Expected Credit Loss Allowance broken down by geographical location**

The following tables present the expected credit loss allowance of loans, advances and financing analysed by geographical distribution based on the geographical location where the credit risk resides.

	31 Dec 2019		
	Within Malaysia RM'000	Outside Malaysia RM'000	Total RM'000
Loans, advances and financing	35,813	5,751	41,564
Overdrafts	982	-	982
Term loans			
- Housing loans	133	-	133
- Syndicated term loans	9,306	4,093	13,399
- Other term loans	4,628	1,175	5,803
Bridging loans	988	-	988
Bills receivable	659	3	662
Revolving credit	17,479	480	17,959
Bankers' acceptances	1,622	-	1,622
Staff loans	3	-	3
Credit card loans	13	-	13
	<u>35,813</u>	<u>5,751</u>	<u>41,564</u>

	31 Dec 2018		
	Within Malaysia RM'000	Outside Malaysia RM'000	Total RM'000
Loans, advances and financing	24,137	3,457	27,594
Overdrafts	1,800	-	1,800
Term loans			
- Housing loans	167	-	167
- Syndicated term loans	1,158	2,548	3,706
- Other term loans	4,538	902	5,440
Bills receivable	64	7	71
Revolving credit	15,280	-	15,280
Bankers' acceptances	1,106	-	1,106
Staff loans	4	-	4
Credit card loans	20	-	20
	<u>24,137</u>	<u>3,457</u>	<u>27,594</u>

## 5.2 Credit Quality of Loans, advances and Financing (continued)

## (iv) Expected Credit Loss Allowance broken down by sector

The following tables present the expected credit loss allowance of loans, advances and financing of the Bank analysed by industrial distribution.

As at 31 Dec 2019													
Financial Services RM'000		Manufacturing RM'000	Construction RM'000	Real Estate RM'000	Wholesale & Retail Trade and Restaurant & Hotels RM'000		Transport, Storage and Communication RM'000	Finance, Insurance and Business Services RM'000	Electricity, gas and water supply RM'000	Primary Agriculture RM'000	Household RM'000	Others RM'000	Total RM'000
24	-	2,686	2,708	11,098	5,332	9	5,013	12,020	-	111	499	2,073	41,564
Loans, advances and financing													
Overdrafts	-	94	-	209	-	-	42	625	-	-	3	-	982
Term loans	-	-	-	-	-	-	-	-	-	-	133	-	133
- Housing loans	-	789	2,397	6,589	870	-	819	1,824	-	111	-	-	13,399
- Syndicated term loans	-	86	31	2,419	975	-	-	1,945	-	-	347	-	5,803
- Other term loans	-	988	-	-	-	-	-	-	-	-	-	-	988
Bridging loans	3	-	67	-	545	-	47	-	-	-	-	-	662
Bills receivable	21	550	180	1,881	1,599	-	4,105	7,550	-	-	-	2,073	17,959
Revolving credit	-	179	33	-	1,334	-	-	76	-	-	-	-	1,622
Bankers' acceptances	-	-	-	-	-	-	-	-	-	-	3	-	3
Staff loans	-	-	-	-	-	-	-	-	-	-	13	-	13
Credit card loans	24	2,686	2,708	11,098	5,332	-	5,013	12,020	-	111	499	2,073	41,564

As at 31 Dec 2018													
		Wholesale & Finance,											
		Retail Trade and				Transport, Storage and		Insurance and		Electricity, gas and			
		Restaurant & Hotels				Communication		Business Services		water supply			
		RM'000				RM'000		RM'000		RM'000			
		Real Estate								Primary Agriculture		Household	
		RM'000				RM'000		RM'000		RM'000		RM'000	
		Construction										Others	
		RM'000				RM'000		RM'000		RM'000		RM'000	
		Manufacturing										Total	
		RM'000				RM'000		RM'000		RM'000		RM'000	
		Financial Services											
		RM'000				RM'000		RM'000		RM'000		RM'000	
On-Balance Sheet Exposures	116	1,170	924	5,419	8,468	1,031	7,702	135	583	854	1,192	27,594	
	-	44	-	25	1,066	23	636	-	-	6	-	1,800	
	-	-	-	-	-	-	-	-	-	167	-	167	
	-	523	726	132	902	800	485	-	138	-	-	3,706	
	-	176	26	3,050	1,009	-	372	135	-	657	15	5,440	
	7	64	-	-	-	-	-	-	-	-	-	71	
	109	260	122	2,212	4,553	208	6,194	-	445	-	1,177	15,280	
	-	103	50	-	938	-	15	-	-	-	-	1,106	
	-	-	-	-	-	-	-	-	-	-	4	4	
	-	-	-	-	-	-	-	-	-	-	20	20	
	-	-	-	-	-	-	-	-	-	-	-	-	
	116	1,170	924	5,419	8,468	1,031	7,702	135	583	854	1,192	27,594	

**5.2 Credit Quality of Loans, advances and Financing (continued)****(v) Movements in allowance for impairment on loans, advances and financing**

	Stage 1 RM'000	Stage 2 RM'000	Stage 3 RM'000	Total RM'000
As at 1 January 2019	15,954	11,640	1,188	28,782
New assets originated	21,171	1,859	9	23,039
Assets derecognised or repaid	(10,151)	(13,771)	(1)	(23,923)
Transfer to Stage 1	489	(468)	(21)	-
Transfer to Stage 2	(3,064)	3,064	-	-
Transfer to Stage 3	-	(1)	1	-
Changes due to change in credit risk	2,923	12,085	31	15,039
Changes in model/risk parameter	195	(304)	-	(109)
Write-offs	-	-	(73)	(73)
Foreign exchange adjustments	(57)	-	(17)	(74)
As at 31 Dec 2019	27,460	14,104	1,117	42,681

  

	Stage 1 RM'000	Stage 2 RM'000	Stage 3 RM'000	Total RM'000
As at 1 January 2018	19,336	28	1,127	20,491
New assets originated	5,293	302	816	6,411
Assets derecognised or repaid	(2,128)	(1,902)	(794)	(4,824)
Transfer to Stage 1	1	(1)	-	-
Transfer to Stage 2	(4,038)	4,038	-	-
Changes due to change in credit risk	(3,780)	8,791	-	5,011
Changes in model / risk parameter	1,360	384	-	1,744
Foreign exchange adjustments	(90)	-	39	(51)
As at 31 December 2018	15,954	11,640	1,188	28,782

**5.3 Off-Balance Sheet Exposures and Counterparty Credit Risk**

Off-balance sheet exposures of the Bank arise mainly from the following:

- Bank guarantee which represents the Bank's undertaking to make payment to the beneficiary in the event the customer being unable to meet its obligations to the latter.
- Undrawn credit commitment represents the Bank's commitment to extend credit for approved credit facilities which have yet to be fully utilised within the availability period.
- Documentary letter of credit is the Bank's undertaking on behalf of customer to make payment in relation to trade transaction.
- Derivative financial instruments.

Counterparty credit risk on derivative financial instruments is the risk that the Bank's counterparty in a derivative contract is unable to meet the terms of the contract upon maturity. To mitigate the risk, the creditworthiness of the counterparty is thoroughly assessed and depending on a case to case basis, collateral may be required.



**5.3 Off-Balance Sheet Exposures and Counterparty Credit Risk (continued)****(i) Composition of Off-Balance Sheet Exposures**

The off-balance sheet exposures and their related counterparty credit risk of the Bank as at the respective reporting dates are as follows:

<b>31 Dec 2019</b>				
	<b>Principal Amount RM'000</b>	<b>Positive Value of Derivative Contracts RM'000</b>	<b>Credit Equivalent Amount RM'000</b>	<b>Risk- Weighted Assets RM'000</b>
<u>Credit-related exposures</u>				
Direct credit substitutes	73,674	-	73,674	14,735
Transaction-related contingent items	528,489	-	264,244	186,131
Short term self-liquidating trade-related contingencies	127,550	-	25,510	21,238
Other commitments, such as formal standby facilities and credit lines, with an original maturity of:				
- Exceeding one year	206,672	-	103,336	69,814
- Not exceeding one year	1,110,377	-	222,076	200,122
Unutilised credit card lines	40,984	-	8,197	6,148
<u>Derivative financial contracts</u>				
Foreign exchange related contracts:				
- Less than one year	558,715	2,014	6,643	2,741
<b>Total</b>	<b>2,646,461</b>	<b>2,014</b>	<b>703,680</b>	<b>500,929</b>

  

<b>31 Dec 2018</b>				
	<b>Principal Amount RM'000</b>	<b>Positive Value of Derivative Contracts RM'000</b>	<b>Credit Equivalent Amount RM'000</b>	<b>Risk- Weighted Assets RM'000</b>
<u>Credit-related exposures</u>				
Direct credit substitutes	74,835	-	74,835	14,967
Transaction-related contingent items	564,904	-	282,452	201,988
Short term self-liquidating trade-related contingencies	154,257	-	30,851	20,153
Other commitments, such as formal standby facilities and credit lines, with an original maturity of:				
- Exceeding one year	526,420	-	263,210	214,946
- Not exceeding one year	1,028,727	-	205,746	188,852
Unutilised credit card lines	40,105	-	8,021	6,015
<u>Derivative financial contracts</u>				
Foreign exchange related contracts:				
- Less than one year	1,695,586	8,155	29,636	12,873
<b>Total</b>	<b>4,084,834</b>	<b>8,155</b>	<b>894,751</b>	<b>659,794</b>

## 5.4 Credit Risk Mitigation

The Bank takes prudent approach in granting credit facilities to customers. The main considerations in the credit assessment process include customer's credit-worthiness, reliability of source of repayment and debt servicing ability. Credit Risk Mitigation ("CRM") such as collateral and guarantee provide further comfort to the Bank's exposures but these are deemed as the secondary safeguard measure. Depending on the credit standing of a customer, the Bank may provide facilities to customer on a clean basis. It is in the interest of the Bank to diversify its unsecured exposures to a larger pool of clients that carry good credit grade.

As at the respective reporting dates, the main types of collateral obtained to mitigate credit risks are in the form of cash deposit, bank guarantee, standby letter of credit, quoted shares and property. Corporate guarantee and personal guarantee are often taken if such credit supports could effectively mitigate the credit risks.

Prior to accepting the CRM, proper assessment on the aspect of legal enforceability of the collateral and guarantor's credibility will be undertaken to arrive at reasonable security coverage. Valuation on the property taken as CRM is required prior to the loan's drawdown.

Proper legal documentations are in place to ensure that the Bank's interests are protected and CRM are enforceable in the event of default by the customer. The value and status of CRM will be reviewed periodically (at least once a year) to ensure the Bank's exposures remain adequately covered. For collateral the value of which fluctuates in a more frequent and volatile manner, such as quoted securities, the collateral value is marked to market periodically for close monitoring. Top up of collateral may be required to bring the loan-to-value ratio back to a satisfactory level in the event of sharp deterioration in the collateral value.

In order to manage any potential concentration risk within the mitigation taken, there is a report prepared on a regular interval to track the concentration level. Thus, the CRM concentration risk is appropriately managed whilst on going efforts are in place to grow the loan portfolio in a diversified manner.

There is no netting arrangement in place for the Bank's existing on and off-balance sheet exposures. The netting arrangement will be considered on an as-and-when basis to minimise the Bank's risk exposures.

The following tables present the credit exposures covered by guarantee (bank guarantees) and eligible financial collateral (fixed deposits) as at the respective reporting dates:

	31 Dec 2019		
	Total Exposures Before CRM RM'000	Total Exposures Covered by Guarantees RM'000	Total Exposures Covered by Eligible Financial Collateral RM'000
<i>Credit Risk</i>			
<u>On-Balance Sheet Exposures</u>			
Sovereigns / Central Banks	729,916	-	-
Banks, Development Financial Institutions and MDBs	1,233,265	-	-
Corporates	2,816,685	-	288,421
Regulatory Retail	179,250	-	4,701
Residential Mortgages	91,342	-	569
Other Assets	46,398	-	-
<b>Total On-Balance Sheet Exposures</b>	<b>5,096,856</b>	<b>-</b>	<b>293,691</b>
<u>Off-Balance Sheet Exposures</u>			
Credit-related off-balance sheet exposures	697,037	209,318	10,260
OTC derivatives	6,643	-	-
<b>Total Off-Balance Sheet Exposures</b>	<b>703,680</b>	<b>209,318</b>	<b>10,260</b>
<b>Total On and Off-Balance Sheet Exposures</b>	<b>5,800,536</b>	<b>209,318</b>	<b>303,951</b>

**5.4 Credit Risk Mitigation (continued)**

	31 Dec 2018		
	Total Exposures Before CRM	Total Exposures Covered by Guarantees	Total Exposures Covered by Eligible Financial Collateral
	RM'000	RM'000	RM'000
<i>Credit Risk</i>			
<u>On-Balance Sheet Exposures</u>			
Sovereigns / Central Banks	909,239	-	-
Banks, Development Financial Institutions and MDBs	745,271	-	-
Corporates	2,991,405	173,192	205,644
Regulatory Retail	88,601	11,745	7,559
Residential Mortgages	73,730	-	839
Other Assets	30,816	-	-
<b>Total On-Balance Sheet Exposures</b>	<b>4,839,062</b>	<b>184,937</b>	<b>214,042</b>
<u>Off-Balance Sheet Exposures</u>			
Credit-related off-balance sheet exposures	865,115	239,092	12,209
OTC derivatives	29,636	-	-
<b>Total Off-Balance Sheet Exposures</b>	<b>894,751</b>	<b>239,092</b>	<b>12,209</b>
<b>Total On and Off-Balance Sheet Exposures</b>	<b>5,733,813</b>	<b>424,029</b>	<b>226,251</b>

Note:

MDBs - Multilateral Development Banks

OTC - Over the counter

**5.5 Assignment of Risk Weights for Portfolios Under The Standardised Approach**

The Bank refers to the credit ratings assigned by credit rating agencies in its calculation of credit risk-weighted assets. The following are the External Credit Assessment Institutions ("ECAI") ratings used by the Bank and are recognised by BNM in the RWCAF:

- Standard & Poor's Rating Services ("S&P")
- Moody's Investors Service ("Moody's")
- Fitch Ratings ("Fitch")
- RAM Rating Services Berhad ("RAM")
- Malaysian Rating Corporation Berhad ("MARC")
- Rating and Investment Information, Inc. ("R&I").

The ECAI ratings accorded to the following counterparty exposure classes are used in the calculation of risk-weighted assets for capital adequacy purposes:

- Sovereigns / Central Banks
- Banking institutions
- Corporates

Under BNM RWCAF, an exposure would be deemed to have an external rating if the issuer or the issue has a rating provided by ECAI that has been recognised by BNM. In cases where an exposure does not have an issuer or issue rating, the exposure shall be deemed as unrated and shall be accorded a risk weight for unrated exposures in their respective exposure category.

There are cases where a borrower / securities issuer or financial instrument is rated by more than one ECAI. In such cases, all available external ratings of a borrower or an issue from recognised ECAs must be captured and the following rules must be observed:

- Where 2 recognised external ratings are available, the lower rating is to be applied; or
- Where 3 or more recognised external ratings are available, the lower of the highest 2 ratings will be used for capital adequacy calculation purposes.

### 5.5 Assignment of Risk Weights for Portfolios Under The Standardised Approach *(continued)*

In cases where the credit exposures are secured by guarantees issued by eligible or rated guarantors, the risk weights similar to that of the guarantors are assigned.

The following is a summary of the risk weights and rating categories used in assigning credit quality to each exposure under the Standardised Approach.

#### Sovereigns / Central Banks

Rating Category	S&P	Moody's	Fitch	R&I	Risk Weight
1	AAA to AA-	Aaa to Aa3	AAA to AA-	AAA to AA-	0%
2	A+ to A-	A1 to A3	A+ to A-	A+ to A-	20%
3	BBB+ to BBB-	Baa1 to Baa3	BBB+ to BBB-	BBB+ to BBB-	50%
4	BB+ to B-	Ba1 to B3	BB+ to B-	BB+ to B-	100%
5	CCC+ to D	Caa1 to C	CCC+ to D	CCC+ to C	150%
Unrated					100%

#### Banking Institutions

Rating Category	S&P	Moody's	Fitch	R&I	RAM	MARC	Risk Weight
1	AAA to AA-	Aaa to Aa3	AAA to AA-	AAA to AA-	AAA to AA3	AAA to AA-	20%
2	A+ to A-	A1 to A3	A+ to A-	A+ to A-	A1 to A3	A+ to A-	50%
3	BBB+ to BBB-	Baa1 to Baa3	BBB+ to BBB-	BBB+ to BBB-	BBB1 to BBB3	BBB+ to BBB-	50%
4	BB+ to B-	Ba1 to B3	BB+ to B-	BB+ to B-	BB1 to B3	BB+ to B-	100%
5	CCC+ to D	Caa1 to C	CCC+ to D	CCC+ to C	C1 to D	C+ to D	150%
Unrated							50%

5.5 Assignment of Risk Weights for Portfolios Under The Standardised Approach (continued)

Banking Institutions

Rating Category	Risk Weight (original maturity of ≤ 6 months)	Risk Weight (original maturity of ≤ 3 months)
1	20%	20%
2	20%	
3	20%	
4	50%	
5	150%	
Unrated	20%	

Corporates

Rating Category	S&P	Moody's	Fitch	R&I	RAM	MARC	Risk Weight
1	AAA to AA-	Aaa to Aa3	AAA to AA-	AAA to AA-	AAA to AA3	AAA to AA-	20%
2	A+ to A-	A1 to A3	A+ to A-	A+ to A-	A1 to A3	A+ to A-	50%
3	BBB+ to BB-	Baa1 to Ba3	BBB+ to BB-	BBB+ to BB-	BBB1 to BB3	BBB+ to BB-	100%
4	B+ to D	B1 to C	B+ to D	B+ to D	B1 to D	B+ to D	150%
Unrated							100%

**(i) Rated Exposures As Per ECALs**

The following tables present the credit exposures, categorised according to the credit quality rating as at 31 December 2019:

	Ratings of Sovereigns / Central Banks				
	1	2	3	4	5
	RM'000	RM'000	RM'000	RM'000	RM'000
<b>Total</b>					
<b>Unrated</b>					
<b>RM'000</b>					
<b>729,916</b>					

### On and Off-Balance Sheet Exposures

#### Sovereigns / Central Banks

	Ratings of Banking Institutions					Total
	1	2	3	4	5	
	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000
On and Off-Balance Sheet Exposures						
Banks, MDBs and DFIs	685,240	643,809	-	-	-	1,329,049

### On and Off-Balance Sheet Exposures Banks, MDBs and DFIs

	Ratings of Corporates				
	1	2	3	4	Total
	RM'000	RM'000	RM'000	RM'000	RM'000
On and Off-Balance Sheet Exposures					
Corporates	206,850	203,974	-	24,581	3,379,242
					2,943,837

## On and Off-Balance Sheet Exposures

### Corporates

	Ratings of Regulatory Retail				
	1	2	3	4	Total
	RM'000	RM'000	RM'000	RM'000	RM'000
On and Off-Balance Sheet Exposures					
Regulatory Retail	-	-	-	-	233,025
					233,025

### On and Off-Balance Sheet Exposures

	Ratings of Residential Mortgages				
	1	2	3	4	Total
	RM'000	RM'000	RM'000	RM'000	RM'000
On and Off-Balance Sheet Exposures					
Residential Mortgages	-	-	-	91,342	91,342

### On and Off-Balance Sheet Exposures Residential Mortgages

## 5.5 Assignment of Risk Weights for Portfolios Under The Standardised Approach (continued)

### (i) Rated Exposures As Per ECAs (continued)

The following tables present the credit exposures, categorised according to the credit quality rating as at 31 December 2018:

Ratings of Sovereigns / Central Banks						
1	2	3	4	5	Unrated	Total
RM'000	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000
-	-	-	-	-	909,239	909,239

#### On and Off-Balance Sheet Exposures Sovereigns / Central Banks

Ratings of Banking Institutions						
1	2	3	4	5	Unrated	Total
RM'000	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000
75,695	709,044	-	-	-	80,000	864,739

#### On and Off-Balance Sheet Exposures Banks, MDBs and DFIs

Ratings of Corporates					
1	2	3	4	Unrated	Total
RM'000	RM'000	RM'000	RM'000	RM'000	RM'000
211,908	234,928	-	174,363	3,095,083	3,716,282

On and Off-Balance Sheet Exposures

Corporates

#### On and Off-Balance Sheet Exposures Corporates

Ratings of Regulatory Retail					
1	2	3	4	Unrated	Total
RM'000	RM'000	RM'000	RM'000	RM'000	RM'000
-	1,209	11,745	-	133,339	146,293

On and Off-Balance Sheet Exposures

Regulatory Retail

#### On and Off-Balance Sheet Exposures Regulatory Retail

Ratings of Residential Mortgages					
	1	2	3	4	Total
	RM'000	RM'000	RM'000	RM'000	RM'000
On and Off-Balance Sheet Exposures	-	-	-	-	73,730
Residential Mortgages	-	-	-	-	73,730

#### On and Off-Balance Sheet Exposures Residential Mortgages

Note:

MDBs - Multilateral Development Banks  
DFIs - Development Financial Institutions

## 5.5 Assignment of Risk Weights for Portfolios Under The Standardised Approach (continued)

### (ii) Assignment of Risk Weights for Portfolios Under The Standardised Approach

The following tables present the breakdown of credit exposures by risk weights as at the respective reporting dates:

31 Dec 2019 Risk Weights	Exposures after Netting and Credit Risk Mitigation						Total Risk- Weighted Assets RM'000
	Sovereign / Central Banks RM'000	Banks, MDBs and DFIs RM'000	Corporates RM'000	Regulatory Retail RM'000	Residential Mortgages RM'000	Other Assets RM'000	
0%	729,916	-	264,922	7,217	570	8,436	-
20%	-	1,235,696	206,850	-	-	4,542	289,418
35%	-	-	-	-	73,703	-	25,796
50%	-	79,838	203,974	-	15,760	537	150,054
75%	-	-	-	17,686	-	-	13,265
100%	-	-	2,701,932	208,122	1,309	39,526	2,950,889
Total Exposures	729,916	1,315,534	3,377,678	233,025	91,342	53,041	3,429,422
Risk-Weighted Assets by Exposures	-	287,058	2,845,289	221,387	34,985	40,703	3,429,422
Average Risk Weight	0.0%	21.8%	84.2%	95.0%	38.3%	76.7%	59.1%
Deduction from Capital Base	-	-	-	-	-	-	-

31 Dec 2018 Risk Weights	Exposures after Netting and Credit Risk Mitigation						Total Risk- Weighted Assets RM'000
	Sovereign / Central Banks RM'000	Banks, MDBs and DFIs RM'000	Corporates RM'000	Regulatory Retail RM'000	Residential Mortgages RM'000	Other Assets RM'000	
0%	909,239	-	182,914	9,961	840	7,286	-
20%	-	727,938	215,936	-	-	8,185	190,412
35%	-	-	-	-	62,428	-	21,850
50%	-	100,898	234,928	12,954	9,857	20,432	189,535
75%	-	-	-	22,242	-	-	16,681
100%	-	-	3,081,484	101,136	605	24,550	3,207,775
Total Exposures	909,239	828,836	3,715,262	146,293	73,730	60,453	3,626,253
Risk-Weighted Assets by Exposures	-	196,037	3,242,135	124,295	27,383	36,403	3,626,253
Average Risk Weight	0.0%	23.7%	87.3%	85.0%	37.1%	60.2%	63.2%
Deduction from Capital Base	-	-	-	-	-	-	-

Note:

MDBs - Multilateral Development Banks

DFIs - Development Financial Institutions



## 6.0 Market Risk

Market risk is the risk of loss arising from movements in market variables, such as interest rates, foreign exchange rates or volatility risk in the prices of any form of instruments. The Bank has established governance process for market risk management that covers the activities of identifying, measuring, monitoring, controlling and reporting market risks on a timely basis. The objective of market risk management is to manage and control the market risk exposures within acceptable range according to the Bank's risk appetite.

The types of market risks mainly include interest rate risk and foreign exchange rate risk. For derivative contracts that the Bank enters into with its counterparties, the Bank will square its position by entering into offsetting trades with other financial institutions. The netting arrangements, if required, will be considered on a case-to-case basis to minimise the credit risk of its derivative counterparties as the cash flows are netted on the settlement date. For interest rate risk, the Bank conducts gap analysis through sensitivity testing and seeks to closely manage the interest rate sensitivity gap. The Asset and Liabilities Committee ("ALCO") plays a critical role in monitoring the Bank's overall interest rate risk profile and the Bank's earnings sensitivity in the changes in interest rate.

The Bank does not engage in any proprietary trading activities. Exposures arising from normal banking activities (deposits, loans, foreign exchange, etc) are managed accordingly to minimise and preferably eliminate exposure to market risk. All risks related to treasury activities will be managed according to, and within the authorised risk limits.

The minimum regulatory capital requirement for market risk exposures for the financial year is disclosed in note 2.0 (b).

### 6.1 Interest Rate Risk in the Banking Book ("IRRBB")

The projection, by using the repricing gap method, assumes that interest rate moves up and down parallelly by 100 basis points ("bps") across all maturities for all the interest bearing assets and liabilities. It is further assumed that all positions are repriced at the mid-point of each time band and will run to maturity. The repricing profile of loan that does not have maturity is based on the earliest possible repricing dates. The impact on earnings and economic value is measured on a monthly basis.

The table below illustrates the impact under a 100 bps parallel upward / downward interest rate shock on the Bank's earnings and economic value.

	31 Dec 2019		31 Dec 2018	
	-100 bps	+100 bps	-100 bps	+100 bps
	RM'000	RM'000	RM'000	RM'000
<b>Impact on net interest income</b>				
Ringgit Malaysia	(11,381)	11,381	(9,137)	9,137
United States Dollar	(1,340)	1,340	(2,478)	2,478
Chinese Renminbi	(441)	441	(107)	107
Others	(127)	127	(54)	54
<b>Total</b>	<b>(13,289)</b>	<b>13,289</b>	<b>(11,776)</b>	<b>11,776</b>
<b>Impact on economic value</b>				
Ringgit Malaysia	10,060	(10,060)	18,444	(18,444)
United States Dollar	(1,606)	1,606	(2,567)	2,567
Chinese Renminbi	(125)	125	(51)	51
Others	(170)	170	(167)	167
<b>Total</b>	<b>8,159</b>	<b>(8,159)</b>	<b>15,659</b>	<b>(15,659)</b>

## **7.0 Operational Risk**

Operational risk is the risk of direct or indirect loss arising from a wide variety of causes associated with the Bank's processes, personnel, technology and infrastructure, and from external factors other than credit, market and liquidity risk.

Every department is responsible for understanding the operational risks inherent in its material products, activities, processes and systems. They are responsible for the management of operational risk on a day-to-day basis. The Bank has adopted the following standards and management measures in managing operational risk:

- requirement for appropriate segregation of duties, including the independent authorisation of transactions
- requirement for the reconciliation and monitoring of transactions
- compliance with regulatory and other legal requirements
- documentation of controls and procedures
- development of contingency plans
- training and professional development
- ethical and business standards
- risk mitigation, including insurance where applicable

The minimum regulatory capital requirement on operational risk exposures for the financial period is disclosed in note 2.0 (b).

## **8.0 Liquidity Risk**

Liquidity risks are the risks when the Bank fails to raise funds to meet the present or future obligations due to customers or counterparties. The potential liquidity risks of the Bank mainly include customers' premature and collective withdrawal, overdue repayment from counterparties, mismatch gap in asset-liability maturity structure and difficulties in realisation of assets.

The management of liquidity and funding has been carried out in compliance with regulatory requirement as well as management requirement and limits set by the Assets and Liabilities Committee ("ALCO"). The Bank maintains a strong liquidity position and constantly manages the liquidity profile of its assets, liabilities and commitments to ensure that cash flow requirements are appropriately satisfied and all obligations are met accordingly.

The Bank has been continuously maintaining relationship with new and existing depositors and funding counterparties to grow the funding base in a diversified manner.