



ALLIANCE ISLAMIC BANK

**PILLAR 3 REPORT FOR  
THE FINANCIAL YEAR ENDED 31 MARCH 2023**

<b>CONTENTS</b>	<b>PAGE</b>
1.0 Overview	1 - 2
1.1 Medium and Location of Disclosure	1
1.2 Basis of Disclosure	1
1.3 Comparative Information	1
1.4 Scope of Application	2
2.0 Capital	2 - 6
2.1 Capital Adequacy Ratios	3
2.2 Capital Structure	4
2.3 Risk Weighted Assets ("RWA") and Capital Requirements	5 - 6
3.0 Risk Management	7
3.1 Risk Management Framework	7
3.2 Risk Governance and Organisation	7
3.3 Risk Strategy	7
3.4 Risk Appetite	7
3.5 Risk Culture	7
3.6 Risk Management Process	7
4.0 Credit Risk	8 - 23
4.1 Distribution of Credit Exposures	9 - 13
4.2 Impaired Financing and Advances Analysis and Allowance for Expected Credit Losses	14- 16
4.3 Assignment of Risk Weights for Portfolios Under the Standardised Approach	17 - 20
4.4 Credit Risk Mitigation ("CRM")	21 - 22
4.5 Off-Balance Sheet Exposures and Counterparty Credit Risk	23
5.0 Market Risk	24 - 27
5.1 Market Risk Management	24
5.2 Traded Market Risk	24 - 26
5.3 Non-Traded Market Risk	27 - 28
6.0 Operational Risk	29 - 30
7.0 Shariah Governance Disclosures	31

**BASEL II PILLAR 3 REPORT**  
**FOR THE FINANCIAL YEAR ENDED 31 MARCH 2023**

**1.0 Overview**

Bank Negara Malaysia ("BNM")'s Capital Adequacy Framework require Alliance Islamic Bank Berhad ("Bank") to maintain an adequate level of capital to withstand potential losses arising from its operations. BNM's Capital Adequacy Framework cover three main aspects:

- (a) Pillar 1 - covers the calculation of risk-weighted assets for credit risk, market risk and operational risk;
- (b) Pillar 2 - involves assessment of other risks (e.g. rate of return risk in the banking book, liquidity risk and concentration risk) not covered under Pillar 1. This promotes the adoption of forward-looking approaches to capital management and stress testing / risk simulation techniques; and
- (c) Pillar 3 - covers disclosure and external communication of risk and capital information by banks.

The Pillar 3 Disclosure for the financial year ended 31 March 2023 for the Bank is in accordance with BNM's Capital Adequacy Framework for Islamic Banks ("CAFIB") - Disclosures Requirements (Pillar 3).

Bank has adopted the Standardised Approach for credit risk and market risk; and the Basic Indicator Approach for operational risk in determining the capital requirements of Pillar 1.

**1.1 Medium and Location of Disclosure**

The Pillar 3 Disclosure will be made available under the Investor Relations section of the Group's website at [www.alliancebank.com.my/islamic/home](http://www.alliancebank.com.my/islamic/home) and as a separate report in the annual and half-yearly financial reports.

**1.2 Basis of Disclosure**

The Bank's Pillar 3 Disclosure is governed by the Bank's Pillar 3 Disclosure Policy. This policy outlines the minimum disclosure standards, the approach for determining the appropriateness of information disclosed and the internal controls over the disclosure process. Pillar 3 Disclosure is to be read in conjunction with the Bank's financial statements for the financial year ended 31 March 2023. Whilst this document discloses the Bank's assets both in terms of exposures and capital requirements, the information disclosed herein may not be directly comparable with the information in the financial statements for financial year ended 31 March 2023 published by the Bank.

These disclosures have been reviewed and verified by an independent internal party and approved by the Board of Directors ("Board").

**1.3 Comparative Information**

The corresponding Pillar 3 Disclosure in the preceding reporting period would be as at 31 March 2022.

**BASEL II PILLAR 3 REPORT**  
**FOR THE FINANCIAL YEAR ENDED 31 MARCH 2023**

**1.0 Overview (cont'd.)**

**1.4 Scope of Application**

The Pillar 3 Disclosure provided in this document is in respect of the Bank, which is involved in Islamic banking financial services.

There are no significant restrictions or other major impediments on transfer of funds or regulatory capital between the Bank and its holding company, Alliance Bank Malaysia Berhad ("ABMB").

The quantitative information as at 31 March 2023 also reflects the event where Alliance Investment Bank Berhad ("AIBB"), a related company of the Bank, had obtained a Vesting Order in the High Court of Malaya on 16 March 2022 and the transfer of the corporate finance, equity and debt capital markets business ('Capital Market Business') from AIBB to the Bank was completed on 31 March 2022.

There were no capital deficiencies in the Bank as at the end of financial period.

**2.0 Capital**

The Bank maintains a strong capital base to support its current activities and future growth, to meet regulatory capital requirements at all times and to buffer against potential losses.

The Bank's Internal Capital Adequacy Assessment Process ("ICAAP") covers the following:

- (a) Assesses inherent risks in the business against risk captured under Pillar 1, and risks not sufficiently or not captured under Pillar 1;
- (b) Estimates the potential impact of extreme but plausible events on the Group's earnings, balance sheet and capital via stress testing;
- (c) Sets internal capital targets which include buffers to cushion potential stress losses and contingency plan(s) where warranted; and
- (d) Regularly monitors and reports portfolio risk profiles, required capital and available capital.

ICAAP results are regularly reported to Group Risk Management Committee ("GRMC") and the Board to facilitate proactive capital management.

**2.0 Capital (cont'd.)**

**2.1 Capital Adequacy Ratios**

BNM's Transitional Arrangements for Regulatory Capital Treatment of Accounting Provisions took effect on 9 December 2020. This allows the Bank to add back a portion of Stage 1 ("S1") and Stage 2 ("S2") provisions with an "add-back factor", to the Common Equity Tier I ("CET I") capital from Financial Year 2021 to Financial Year 2024. The Group and the Bank have sufficient capital under both conditions with or without the Transitional Arrangement.

The capital adequacy ratios with and without transitional arrangements of the Bank are as follows:

	<b>2023</b>	<b>2022</b>
<u>(a) With Transitional Arrangements</u>		
<u>Before Deducting Proposed Dividends</u>		
CET I Capital Ratio	13.717%	14.904%
Tier I Capital Ratio	14.694%	15.966%
Total Capital Ratio	17.122%	18.510%
<u>After Deducting Proposed Dividends (Note 1)</u>		
CET I Capital Ratio	13.715%	14.463%
Tier I Capital Ratio	14.692%	15.525%
Total Capital Ratio	17.120%	18.069%
<u>(b) Without Transitional Arrangements</u>		
<u>Before Deducting Proposed Dividends</u>		
CET I Capital Ratio	12.401%	12.995%
Tier I Capital Ratio	13.377%	14.057%
Total Capital Ratio	15.806%	16.601%
<u>After Deducting Proposed Dividends (Note 1)</u>		
CET I Capital Ratio	12.399%	12.554%
Tier I Capital Ratio	13.375%	13.616%
Total Capital Ratio	15.804%	16.160%

Note 1: The capital adequacy ratios after deducting proposed dividends have included the Rights Issue as disclosed in the Note 44 of the audited financial statements.

The Bank's capital ratios comply with the prescribed capital adequacy ratios under BNM's Capital Adequacy Framework for Islamic Banks.

**2.0 Capital (cont'd.)**

**2.2 Capital Structure**

The following tables present the components of CET I, Tier I and Tier II capital under the Capital Adequacy Framework with transitional arrangements:

	<b>2023</b>	<b>2022</b>
	RM'000	RM'000
<b><u>CET I Capital/Tier I Capital</u></b>		
Paid-up Share Capital	600,000	600,000
Retained Profits	727,052	668,707
Regulatory Reserves (Note 1)	19,339	-
Financial Investments at Fair Value Through Other Comprehensive Income (FVOCI) Reserves	(13,817)	(7,509)
	<u>1,332,574</u>	<u>1,261,198</u>
(Less)/Add: Regulatory Adjustments		
- Intangible Assets	(2,045)	(1,444)
- Deferred Tax Assets	(44,039)	(41,558)
- Regulatory Reserves (Note 1)	(19,339)	-
- Transitional Arrangements	134,523	178,984
Total CET I Capital	<u>1,401,674</u>	<u>1,397,180</u>
Additional Tier 1 Sukuk Wakalah	99,801	99,613
Total Additional Tier 1 Capital	<u>99,801</u>	<u>99,613</u>
Total Tier I Capital	<u><u>1,501,475</u></u>	<u><u>1,496,793</u></u>
<b><u>Tier II Capital</u></b>		
Subordinated Sukuk Murabahah	130,000	129,943
Expected Credit Losses and Regulatory Reserves (Note 1 & Note 2)	118,121	108,506
Total Tier II Capital	<u>248,121</u>	<u>238,449</u>
<b>Total Capital</b>	<u><u>1,749,596</u></u>	<u><u>1,735,242</u></u>

Note 1: The Bank maintained its prudent stand in relation to maintaining the regulatory reserves to preserve the potential deterioration of credit quality.

Note 2: Expected credit losses ("ECL") for S1 and S2 only.

**2.0 Capital (cont'd.)**

**2.3 Risk Weighted Assets ("RWA") and Capital Requirements**

**Regulatory Capital Requirements**

The following table presents the minimum regulatory capital requirements of the Bank:

<b>2023 Exposure Class</b>	<b>Gross Exposures RM'000</b>	<b>Net Exposures RM'000</b>	<b>Risk- Weighted Assets RM'000</b>	<b>Capital Requirements RM'000</b>
<b>(a) Credit Risk</b>				
On-Balance Sheet Exposures:				
Sovereigns/Central Banks	2,614,371	2,614,371	-	-
Public Sector Entities Banks, Development Financial Institutions ("DFIs") and Multilateral Development Banks	260,982	260,982	2,224	178
Takaful Companies, Securities Firms and Fund Managers	25,225	25,225	4,047	324
Corporates	30,933	30,933	28,998	2,320
Regulatory Retail	5,220,093	5,095,478	3,918,376	313,470
Residential Real Estate ("RRE") Financing	3,648,157	3,549,979	2,800,762	224,061
Higher Risk Assets	4,362,811	4,362,302	1,747,871	139,830
Other Assets	894	894	1,341	107
Defaulted Exposures	78,894	78,894	78,894	6,312
Total On-Balance Sheet Exposures	16,464,354	16,241,052	8,761,562	700,926
Off-Balance Sheet Exposures:				
Credit-Related Off-Balance Sheet Exposures				
Derivative Financial Instruments	886,397	822,722	682,074	54,566
Defaulted Exposures	11,945	11,945	5,972	478
Total Off-Balance Sheet Exposures	898,410	834,735	688,114	55,049
Total On and Off-Balance Sheet Exposures	17,362,764	17,075,787	9,449,676	755,975
Market Risk (Section 5.0)				
	Long Position	Short Position		
<b>(b) Profit Rate Risk</b>	-	-	-	-
Foreign Exchange Risk	-	(123)	123	10
	-	(123)		
Option Risk			-	-
Total			123	10
<b>(c) Operational Risk</b>	-	-	768,617	61,489
Total	17,362,764	17,075,787	10,218,416	817,474

**2.0 Capital (cont'd.)**

**2.3 RWA and Capital Requirements (cont'd.)**

**Regulatory Capital Requirements (cont'd.)**

The following table presents the minimum regulatory capital requirements of the Bank (cont'd.):

<b>2022 Exposure Class</b>	<b>Gross Exposures RM'000</b>	<b>Net Exposures RM'000</b>	<b>Risk- Weighted Assets RM'000</b>	<b>Capital Requirements RM'000</b>
<b>(a) Credit Risk</b>				
On-balance sheet exposures:				
Sovereigns/Central Banks	2,165,544	2,165,544	-	-
Public Sector Entities	331,994	331,994	22,078	1,766
Banks, DFIs and Multilateral Development Banks	19,993	19,993	3,011	241
Takaful Companies, Securities Firms and Fund Managers	3,792	3,792	3,792	303
Corporates	4,730,262	4,604,480	3,575,607	286,049
Regulatory Retail	3,060,310	2,975,857	2,373,705	189,896
RRE Financing	4,578,969	4,578,720	1,985,194	158,816
Higher Risk Assets	875	875	1,313	105
Other Assets	71,170	71,170	71,170	5,694
Defaulted Exposures	154,969	154,436	137,861	11,029
<b>Total On-Balance Sheet Exposures</b>	<b>15,117,878</b>	<b>14,906,861</b>	<b>8,173,731</b>	<b>653,899</b>
Off-Balance Sheet Exposures:				
Credit-Related Off-Balance Sheet Exposures	647,049	601,699	506,688	40,535
Derivative Financial Instruments	-	-	-	-
Defaulted Exposures	55	55	76	6
<b>Total Off-Balance Sheet Exposures</b>	<b>647,104</b>	<b>601,754</b>	<b>506,764</b>	<b>40,541</b>
<b>Total On and Off-Balance Sheet Exposures</b>	<b>15,764,982</b>	<b>15,508,615</b>	<b>8,680,495</b>	<b>694,440</b>
<b>(b) Market Risk (Section 5.0)</b>				
	<b>Long Position</b>	<b>Short Position</b>		
Profit Rate Risk	-	-	-	-
Foreign Exchange Risk	-	(58)	58	5
Option Risk		(58)	-	-
<b>Total</b>			<b>58</b>	<b>5</b>
<b>(c) Operational Risk</b>				
	-	-	694,112	55,529
<b>Total</b>	<b>15,764,982</b>	<b>15,508,615</b>	<b>9,374,665</b>	<b>749,974</b>

Note: The Bank does not use Profit-sharing Investment Account ("PSIA") as a risk absorbent mechanism.

The Bank does not have exposure to any Large Exposure Risk for equity holdings specified in BNM's Guidelines on Investment in Shares, Interest-in-Shares and Collective Investment Schemes.



### **3.0 Risk Management**

The Board and the Management of the Bank are committed towards ensuring that the Bank's corporate objectives are supported by a sound risk strategy with an effective risk management framework that is appropriate to the nature, scale and complexity of the Bank's activities.

#### **3.1 Risk Management Framework**

The Bank's risk management framework recognises the diversity of the organisation's activities by balancing the Board's strong supervision with well-defined independent risk management functions within each business area. The Bank's Risk Management framework is embedded in our respective business activities in order to integrate risk-taking and decision-making with prudent risk management principles. It provides a structured approach for the Bank to form a consolidated and aggregated view of all risks identified at entity, business segment and product levels; and to manage these risks in a holistic manner alongside business objectives and compliance requirements.

#### **3.2 Risk Governance and Organisation**

The Bank adopts the Three Lines of Defence model in managing risks collectively. The Three Lines of Defence comprises the following:

- (a) 1<sup>st</sup> Line of Defence, whereby the risk taking role is played by Business Units and aided by Business Support functions;
- (b) 2<sup>nd</sup> Line of Defence, whereby the independent risk control role is played by Group Risk Management and Group Compliance (inclusive of the Shariah Review Team); and
- (c) 3<sup>rd</sup> Line of Defence, whereby the independent risk assurance role is played by Group Internal Audit.

The governance structure adopted within the Group provides a transparent and effective system that promotes active involvement from the Board and Senior Management in the risk management process to ensure a uniform view of risk across the Group.

The Board established the GRMC to assist the Board to oversee risk-related and compliance-related frameworks, strategies, policies and methodologies.

The Executive Risk Management Committee ("ERMC") and other Management Committees oversee and advise the Management on risk-related matters including risk policies, to support the sustainability of the Bank.

#### **3.3 Risk Strategy**

The Bank establishes appropriate risk governance, processes and controls in order to pursue its strategic business objectives with confidence, to protect its balance sheet and stakeholders' interest, and to deliver sustainable profitability. While it may not be possible or feasible to eliminate all inherent risks within the Bank, a set of risk mitigation techniques has been established to reduce the impact of these risks.

#### **3.4 Risk Appetite**

Risk Appetite describes the high-level risk parameters and thresholds the Bank is willing to assume in pursuit of its strategic business objectives. These high-level thresholds are then cascaded, where appropriate, into more granular limits and targets across the various portfolios and business units.

#### **3.5 Risk Culture**

Our Board members, Senior Management and staff are all ambassadors of the Bank's risk culture. Hence, the Bank employs the key elements of leadership, supervision, guidance, counselling and communication to shape and cultivate a desirable risk culture.

#### **3.6 Risk Management Process**

The Bank's risk management process embeds the Bank's culture and practices. It starts with risk identification, followed by risk assessment, risk mitigation and control, risk monitoring, risk reporting, escalation and disclosure. The risk management processes of different types of risk are explained in the following sections.

#### **4.0 Credit Risk**

Credit risk is the risk of financial loss resulting from the failure of the Bank's customers or counterparties to fulfil their contractual obligations to pay their financing or to settle financial commitments. Credit risk arises mainly from financing and advances activities and holding of debt securities.

##### ***Credit Risk Management***

The Board, via the GRMC, established a Credit Risk Management Framework ("CRMF") which outlines the broad principles for managing credit risk of the Group.

Credit approval is under the purview of the Executive Committee, Group Management Credit Committee and Credit Underwriters, depending on the size and complexity of the financing.

Retail financing are subject to portfolio reviews and corporate financing are subject to periodic individual borrower or group reviews. The Portfolio Review Committee for the respective lines of business, assisted by embedded risk units, helps to manage the portfolio quality, and formulates action plans to manage identified risks. The process also ensures alignment of business strategy with the Bank's risk appetite.

Potential problem financing or issues related to portfolios are identified through our Early Warning Framework and thematic reviews, where applicable. Impaired loans are recovered internally or through authorised agents.

In the aspect of credit risk measurement, quantitative tools such as application and behavioural scorecards (for retail financing) and credit rating model (for corporate financing) play an integral role in supporting risk informed pricing, underwriting and portfolio management strategies. In order to manage model risk and ensure that the models remain fit-for-purpose, periodic model validations of all credit models are carried out by an independent validation team within Group Risk Management. The broad principles and framework governing the validation of credit models are set out in the Independent Model Validation Framework. Validation covers both quantitative and qualitative aspects of the model, such as back-testing to assess model performance and accuracy, as well as qualitative evaluation of rating system operations, model design, governance and data quality.

Entity-level Risk Dashboards are escalated to the ERM (Senior Management Level), GRMC (Board Level) and the Board for deliberation and strategic direction.

Group Risk Management is responsible for assessing the adequacy and effectiveness of the risk management framework, policies and guidelines. Embedded risk units are responsible for monitoring business activities and ensuring that they are carried out within the approved policies and business models.

Group Risk Management also performs periodic post approval credit reviews on a sampling basis covering the Consumer, Small and Medium Enterprises ("SME"), Corporate and Commercial portfolios to independently assess the quality of credit practices across the Group. The review reports are presented to the GRMC and Group Audit Committee for their notation. Status of all outstanding issues are tracked until closure.

Stress testing is used to identify potential vulnerable risk areas of the Bank's portfolios to stress events and assess the impact to earnings and capital. Stress tests are performed using a variety of market and economic assumptions to assess possible vulnerability and to formulate effective mitigation actions when required. Sensitivity analyses are conducted to assess the potential effect of individual risk factors.

Group Internal Audit reviews the Bank's credit processes regularly and recommends corrective measures or enhancements. These reviews provide Senior Management with the assurance that the policies, processes and guidelines are adhered to.

##### ***Impaired Financing and Provisions***

Past due accounts are loan accounts with any payment of principal and/or profit due and not paid, but are not classified as impaired. Financing are classified as impaired if the mandatory impairment thresholds are exceeded or judgmentally impaired when there are reasonable grounds to believe that the borrower may not be able to repay the entire financing amount.

Provisions for expected credit losses are carried out based on the MFRS 9 approach, financing with defined risk characteristics are transferred to Stage 2 and provisions are estimated based on potential losses for the remaining lifetime of the exposures. Impaired loans are classified as Stage 3 under MFRS 9. Financing that are not classified as Stage 2 or 3 will remain in Stage 1 where provisions will be estimated based on the probability of default over the next 12 months.

Please refer to Note 2(h)(i) of the audited financial statements for accounting policies on impairment of financial assets.

**4.0 Credit Risk (cont'd.)**

**4.1 Distribution of Credit Exposures**

**(a) Geographical Distribution**

The following tables represent the Group's and the Bank's major types of gross credit exposure by geographical distribution. Exposures are allocated to the region in which the branch is located and are disclosed before taking into account any collateral held or other credit enhancements and after allowance for impairment, where appropriate.

2023	Geographical region					
	Northern RM'000	Central RM'000	Southern RM'000	Sabah RM'000	Sarawak RM'000	Total RM'000
<b>Exposure Class</b>						
On-Balance Sheet Exposures:						
Sovereigns/Central Banks	-	2,614,371	-	-	-	2,614,371
Public Sector Entities	-	250,955	-	10,027	-	260,982
Banks, DFIs and Multilateral Development Banks	-	20,211	-	-	5,014	25,225
Takaful Companies, Securities Firms and Fund Managers	9,008	21,925	-	-	-	30,933
Corporates	707,992	3,484,644	373,225	479,262	174,970	5,220,093
Regulatory Retail	569,769	2,149,261	504,531	322,594	102,002	3,648,157
RRE Financing	141,756	3,513,185	412,192	261,674	34,004	4,362,811
Higher Risk Assets	163	552	179	-	-	894
Other Assets	-	78,894	-	-	-	78,894
Defaulted exposures	17,176	167,193	25,375	11,900	350	221,994
<b>Total On-Balance Sheet Exposures</b>	<b>1,445,864</b>	<b>12,301,191</b>	<b>1,315,502</b>	<b>1,085,457</b>	<b>316,340</b>	<b>16,464,354</b>
Off-Balance Sheet Exposures:						
Credit-Related Off-Balance Sheet Exposures	139,765	506,465	91,809	99,718	48,640	886,397
Derivative Financial Instruments	-	11,945	-	-	-	11,945
Defaulted Exposures	1	67	-	-	-	68
<b>Total Off-Balance Sheet Exposures</b>	<b>139,766</b>	<b>518,477</b>	<b>91,809</b>	<b>99,718</b>	<b>48,640</b>	<b>898,410</b>
<b>Total Credit Exposures</b>	<b>1,585,630</b>	<b>12,819,668</b>	<b>1,407,311</b>	<b>1,185,175</b>	<b>364,980</b>	<b>17,362,764</b>

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**4.0 Credit Risk (cont'd.)**

**4.1 Distribution of Credit Exposures (cont'd.)**

**(a) Geographical Distribution (cont'd.)**

The following tables represent the Group's and the Bank's major types of gross credit exposure by geographical distribution. Exposures are allocated to the region in which the branch is located and are disclosed before taking into account any collateral held or other credit enhancements and after allowance for impairment, where appropriate. (cont'd.)

2022	Geographical region					
	Northern RM'000	Central RM'000	Southern RM'000	Sabah RM'000	Sarawak RM'000	Total RM'000
<b>Exposure Class</b>						
On-Balance Sheet Exposures:						
Sovereigns/Central Banks	-	2,165,544	-	-	-	2,165,544
Public Sector Entities	-	241,831	-	90,163	-	331,994
Banks, DFIs and Multilateral Development Banks	-	14,985	-	-	5,008	19,993
Takaful Companies, Securities Firms and Fund Managers	-	3,792	-	-	-	3,792
Corporates	524,901	3,180,794	313,732	451,752	259,083	4,730,262
Regulatory Retail	460,765	1,774,466	474,100	257,861	93,118	3,060,310
RRE Financing	156,867	3,668,016	449,461	267,853	36,772	4,578,969
Higher Risk Assets	159	555	161	-	-	875
Other Assets	-	71,170	-	-	-	71,170
Defaulted Exposures	14,430	106,032	22,186	11,384	937	154,969
<b>Total On-Balance Sheet Exposures</b>	<b>1,157,122</b>	<b>11,227,185</b>	<b>1,259,640</b>	<b>1,079,013</b>	<b>394,918</b>	<b>15,117,878</b>
Off-Balance Sheet Exposures:						
Credit-Related Off-Balance Sheet Exposures	99,341	357,535	85,304	83,359	21,510	647,049
Derivative Financial Instruments	-	-	-	-	-	-
Defaulted Exposures	-	35	20	-	-	55
<b>Total Off-Balance Sheet Exposures</b>	<b>99,341</b>	<b>357,570</b>	<b>85,324</b>	<b>83,359</b>	<b>21,510</b>	<b>647,104</b>
<b>Total Credit Exposures</b>	<b>1,256,463</b>	<b>11,584,755</b>	<b>1,344,964</b>	<b>1,162,372</b>	<b>416,428</b>	<b>15,764,982</b>

4.0 Credit Risk (cont'd.)

4.1 Distribution of Credit Exposures (cont'd.)

(b) Industry Distribution

The following table represents the Bank's major types of gross credit exposure by sector. The analysis is based on the sector in which the customers are engaged.

2023	Government & Central Bank RM'000	Financial, Takaful & Business Services RM'000	Transport, Storage & Communication RM'000	Agriculture, Manufacturing, Wholesale & Retail Trade RM'000	Construction RM'000	Household RM'000	Others RM'000	Total RM'000
<b>Exposure Class</b>								
Sovereigns/Central Banks	2,614,371	-	-	-	-	-	-	2,614,371
Public Sector Entities	-	260,982	-	-	-	-	-	260,982
Banks, DFIs and Multilateral Development Banks	-	25,225	-	-	-	-	-	25,225
Takaful Companies, Securities Firms Firms and Fund Managers	-	25,593	-	5,340	-	-	-	30,933
Corporates	-	1,683,767	537,565	2,595,851	324,719	5,636	72,555	5,220,093
Regulatory Retail	-	287,771	30,106	1,446,244	140,018	1,707,332	36,686	3,648,157
RRE Financing	-	-	-	-	-	4,362,811	-	4,362,811
Higher Risk Assets	-	-	-	-	-	894	-	894
Other Assets	-	-	-	-	-	-	78,894	78,894
Defaulted Exposures	-	84	451	13,397	1,226	203,604	3,232	221,994
<b>Total On-Balance Sheet Exposures</b>	<b>2,614,371</b>	<b>2,283,422</b>	<b>568,122</b>	<b>4,060,832</b>	<b>465,963</b>	<b>6,280,277</b>	<b>191,367</b>	<b>16,464,354</b>
Credit-Related Off-Balance Sheet Exposures	-	128,922	18,453	478,693	71,998	179,220	9,111	886,397
Derivative Financial Instruments	-	11,945	-	-	-	-	-	11,945
Defaulted Exposures	-	-	-	1	-	67	-	68
<b>Total Off-Balance Sheet Exposures</b>	<b>-</b>	<b>140,867</b>	<b>18,453</b>	<b>478,694</b>	<b>71,998</b>	<b>179,287</b>	<b>9,111</b>	<b>898,410</b>
<b>Total Credit Exposures</b>	<b>2,614,371</b>	<b>2,424,289</b>	<b>586,575</b>	<b>4,539,526</b>	<b>537,961</b>	<b>6,459,564</b>	<b>200,478</b>	<b>17,362,764</b>

**ALLIANCE ISLAMIC BANK BERHAD**  
**200701018870 (776882-V)**

**4.0 Credit Risk (cont'd.)**

**4.1 Distribution of Credit Exposures (cont'd.)**

**(b) Industry Distribution (cont'd.)**

The following table represents the Bank's major types of gross credit exposure by sector. The analysis is based on the sector in which the customers are engaged. (cont'd.)

<b>2022</b>	<b>Government &amp; Central Bank</b>	<b>Financial, Takaful &amp; Business Services</b>	<b>Transport, Storage &amp; Communication</b>	<b>Agriculture, Manufacturing, Wholesale &amp; Retail Trade</b>	<b>Construction</b>	<b>Household</b>	<b>Others</b>	<b>Total</b>
	<u>RM'000</u>	<u>RM'000</u>	<u>RM'000</u>	<u>RM'000</u>	<u>RM'000</u>	<u>RM'000</u>	<u>RM'000</u>	<u>RM'000</u>
<b>Exposure Class</b>								
Sovereigns/Central Banks	2,165,544	-	-	-	-	-	-	2,165,544
Public Sector Entities	-	322,265	9,729	-	-	-	-	331,994
Banks, DFIs and Multilateral Development Banks	-	19,993	-	-	-	-	-	19,993
Takaful Companies, Securities Firms Firms and Fund Managers	-	3,792	-	-	-	-	-	3,792
Corporates	-	1,464,258	460,513	2,421,144	318,864	5,080	60,403	4,730,262
Regulatory Retail	-	242,261	37,040	1,204,441	89,531	1,465,241	21,796	3,060,310
RRE Financing	-	-	-	-	-	4,578,969	-	4,578,969
Higher Risk Assets	-	-	-	-	-	875	-	875
Other Assets	-	-	-	-	-	-	71,170	71,170
Defaulted Exposures	-	119	243	13,427	1,101	136,955	3,124	154,969
<b>Total On-Balance Sheet Exposures</b>	<b>2,165,544</b>	<b>2,052,688</b>	<b>507,525</b>	<b>3,639,012</b>	<b>409,496</b>	<b>6,187,120</b>	<b>156,493</b>	<b>15,117,878</b>
Credit-Related Off-Balance Sheet Exposures								
Derivative Financial Instruments	-	61,613	8,494	385,340	51,777	138,092	1,733	647,049
Defaulted Exposures	-	-	-	-	22	33	-	55
<b>Total Off-Balance Sheet Exposures</b>	<b>-</b>	<b>61,613</b>	<b>8,494</b>	<b>385,340</b>	<b>51,799</b>	<b>138,125</b>	<b>1,733</b>	<b>647,104</b>
<b>Total Credit Exposures</b>	<b>2,165,544</b>	<b>2,114,301</b>	<b>516,019</b>	<b>4,024,352</b>	<b>461,295</b>	<b>6,325,245</b>	<b>158,226</b>	<b>15,764,982</b>

4.0 Credit Risk (cont'd.)

4.1 Distribution of Credit Exposures (cont'd.)

(c) Residual Contractual Maturity

The following table represents the residual contractual maturity for major types of gross credit exposure for on-balance sheet financial assets of the Bank.

	<u>Up to 1 month</u>	<u>&gt;1-3 months</u>	<u>&gt;3-6 months</u>	<u>&gt;6-12 months</u>	<u>&gt;1 year</u>	<u>Total</u>
<b>2023</b>	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000
<b>Exposure Class</b>						
Sovereigns/Central Banks	1,474,713	30,383	20,291	20,416	1,068,568	2,614,371
Public Sector Entities	10,026	-	100,709	1,094	149,153	260,982
Banks, DFIs and Multilateral						
Development Banks	5,014	-	-	-	20,211	25,225
Takaful Companies, Securities						
Firms and Fund Managers	22,499	3,800	-	-	4,634	30,933
Corporates	998,770	449,022	208,277	24,353	3,539,671	5,220,093
Regulatory Retail	461,828	93,153	45,590	24,324	3,023,262	3,648,157
RRE Financing	477,298	9	57	267	3,885,180	4,362,811
Higher Risk Assets	-	-	-	-	894	894
Other Assets	3,186	1,505	1,833	2,462	69,908	78,894
Defaulted Exposures	14,524	63	81	632	206,694	221,994
<b>Total On-Balance Sheet Exposures</b>	<b>3,467,858</b>	<b>577,935</b>	<b>376,838</b>	<b>73,548</b>	<b>11,968,175</b>	<b>16,464,354</b>
<b>2022</b>						
<b>Exposure Class</b>	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000
Sovereigns/Central Banks	1,417,800	-	-	-	747,744	2,165,544
Public Sector Entities	90,163	5,088	-	15,139	221,604	331,994
Banks, DFIs and Multilateral						
Development Banks	5,011	-	-	-	14,982	19,993
Takaful Companies, Securities						
Firms and Fund Managers	-	-	-	-	3,792	3,792
Corporates	1,008,300	533,115	210,917	107,794	2,870,136	4,730,262
Regulatory Retail	408,400	72,358	29,935	24,882	2,524,735	3,060,310
RRE Financing	567,071	121	147	452	4,011,178	4,578,969
Higher Risk Assets	-	-	-	-	875	875
Other Assets	14,518	539	773	603	54,737	71,170
Defaulted Exposures	20,217	12	70	126	134,544	154,969
<b>Total On-Balance Sheet Exposures</b>	<b>3,531,480</b>	<b>611,233</b>	<b>241,842</b>	<b>148,996</b>	<b>10,584,327</b>	<b>15,117,878</b>

4.0 Credit Risk (cont'd.)

4.2 Impaired Financing and Advances and Allowance for ECL Analysis

Impaired financing and advances are exposures where the customers have failed to make a principal and/or profit payment for more than three months. In addition, where customers are deemed incapable of continuing repayment obligations, the exposures will be judgmentally impaired. Where exposures are restructured or rescheduled due to increase in credit risk, the exposures are also classified as impaired.

Past Due but Not Impaired Financing and Advances Analysis

Past due but not impaired financing and advances are exposures where the customers have failed to make a principal and/or profit payment when contractually due, and include exposures which are due one or more days after the contractual due date but not more than three months. Under MFRS 9, exposures more than 30 days past due are transferred to Stage 2. For exposures that are structured to pay principal and/or profit at quarterly intervals or longer, a default of payment will trigger an impairment.

Impaired and Past Due Financing and Advances and Allowance for ECL - Industry Analysis

	Impaired Financing, Advances and Financing RM'000	Past Due Financing RM'000	12 months ECL (Stage 1) RM'000	Lifetime ECL Not-credit Impaired (Stage 2) RM'000	Lifetime ECL Credit Impaired (Stage 3) RM'000	Stage 3 ECL Charge/ (Write Back) (net) RM'000	Stage 3 write-off for the year RM'000
<b>2023</b>							
Financial, Takaful & Business							
Services and Real Estate	829	9,921	1,951	2,662	745	309	-
Transport, Storage & Communication	1,139	2,862	241	344	665	365	-
Agriculture, Manufacturing, Wholesale & Retail Trade	39,263	73,489	5,552	13,299	25,877	10,549	(4,108)
Construction	13,229	39,087	486	13,290	12,003	1,133	(40,476)
Household	293,782	445,770	57,736	186,762	90,108	77,035	(37,522)
Others	4,592	5,611	76	3,266	1,348	739	-
<b>Total</b>	<b>352,834</b>	<b>576,740</b>	<b>66,042</b>	<b>219,623</b>	<b>130,746</b>	<b>90,130</b>	<b>(82,106)</b>
<b>2022</b>							
Financial, Takaful & Business							
Services and Real Estate	556	10,990	2,748	5,869	435	180	-
Transport, Storage & Communication	553	2,317	394	299	311	(76)	-
Agriculture, Manufacturing, Wholesale & Retail Trade	32,998	27,985	10,201	10,667	19,572	13,046	(1,088)
Construction	51,691	15,245	987	2,863	51,376	38,400	-
Household	188,652	294,692	81,604	166,314	51,653	16,342	(23,130)
Others	3,884	-	141	2,663	759	825	-
<b>Total</b>	<b>278,334</b>	<b>351,229</b>	<b>96,075</b>	<b>188,675</b>	<b>124,106</b>	<b>68,717</b>	<b>(24,218)</b>



4.0 Credit Risk (cont'd.)

4.2 Impaired Financing and Advances and Allowance for ECL Analysis (cont'd.)

Impaired and Past Due Financing and Advances and Allowance for ECL - Geographical

	Impaired Financing, Advances and Financing RM'000	Past Due Financing RM'000	12 months ECL (Stage 1) RM'000	Lifetime ECL Not-credit Impaired (Stage 2) RM'000	Lifetime ECL Credit Impaired (Stage 3) RM'000	Stage 3 ECL Charge/ (Write Back) (net) RM'000	Stage 3 write-off for the year RM'000
<b>2023</b>							
Northern region	34,375	51,553	5,302	13,643	17,187	7,331	(2,387)
Central region	249,617	431,986	51,747	181,102	82,277	72,938	(73,457)
Southern region	50,769	60,605	5,814	16,808	25,460	6,326	(4,017)
Sabah region	17,481	26,128	2,607	6,630	5,580	3,618	(2,096)
Sarawak region	592	6,468	572	1,440	242	(83)	(149)
<b>Total</b>	<b>352,834</b>	<b>576,740</b>	<b>66,042</b>	<b>219,623</b>	<b>130,746</b>	<b>90,130</b>	<b>(82,106)</b>
<b>2022</b>							
Northern region	26,958	17,963	7,338	9,867	12,527	3,618	(1,789)
Central region	189,154	250,046	73,676	151,645	83,880	47,500	(19,672)
Southern region	45,620	37,726	9,244	15,811	23,419	15,355	(2,414)
Sabah region	15,249	38,862	4,687	10,286	3,864	2,141	(258)
Sarawak region	1,353	6,632	1,130	1,066	416	103	(85)
<b>Total</b>	<b>278,334</b>	<b>351,229</b>	<b>96,075</b>	<b>188,675</b>	<b>124,106</b>	<b>68,717</b>	<b>(24,218)</b>

4.0 Credit Risk (cont'd.)

4.2 Impaired Financing and Advances and Allowance for ECL Analysis (cont'd.)

Movements in allowance for ECL on financing and advances are as follows:

	12 months ECL (Stage 1) RM'000	Lifetime ECL Not-credit impaired (Stage 2) RM'000	Lifetime ECL Credit Impaired (Stage 3) RM'000	Total RM'000
At 1 April 2022	96,075	188,675	124,106	408,856
Transfer to Stage 1	70,822	(113,379)	(144)	(42,701)
Transfer to Stage 2	(90,241)	212,062	(47,216)	74,605
Transfer to Stage 3	(1,210)	(107,216)	119,127	10,701
New financial assets originated or purchased	23,193	23,457	4,813	51,463
Financial assets derecognised other than write-off	(16,177)	(26,284)	(7,304)	(49,765)
Changes due to change in credit risk	(16,420)	43,953	(2,604)	24,929
	(30,033)	32,593	66,672	69,232
Unwinding of discount	-	-	(1,384)	(1,384)
Total charge to income statement	(30,033)	32,593	65,288	67,848
Other movements	-	-	23,458	23,458
Write-off	-	(1,645)	(82,106)	(83,751)
At 31 March 2023	<b>66,042</b>	<b>219,623</b>	<b>130,746</b>	<b>416,411</b>
At 1 April 2021	76,562	183,648	79,716	339,926
Transfer to Stage 1	52,439	(185,682)	(18)	(133,261)
Transfer to Stage 2	(33,096)	287,650	(81,477)	173,077
Transfer to Stage 3	(181)	(150,739)	132,225	(18,695)
New financial assets originated or purchased	31,490	62,388	5,659	99,537
Financial assets derecognised other than write-off	(22,993)	(60,265)	(10,007)	(93,265)
Changes due to change in credit risk	(8,146)	52,609	22,335	66,798
	19,513	5,961	68,717	94,191
Unwinding of discount	-	-	(109)	(109)
Total charge to income statement	19,513	5,961	68,608	94,082
Other movements	-	-	-	-
Write-off	-	(934)	(24,218)	(25,152)
At 31 March 2022	<b>96,075</b>	<b>188,675</b>	<b>124,106</b>	<b>408,856</b>

Note: The transfer between stages are inclusive of net remeasurement of allowances.

4.0 Credit Risk (cont'd.)

4.3 Assignment of Risk-Weights for Portfolios Under the Standardised Approach

The following tables represent the credit exposures by risk-weights and after credit risk mitigation:

2023 Risk- Weights	Exposures after netting and credit risk mitigation									Total Exposures after Netting and Credit Risk Mitigation RM'000	Total Risk- Weighted Assets RM'000
	Sovereigns /Central Banks RM'000	Public Sector Entities RM'000	Banks, DFIs and Multilateral Development Banks RM'000	Takaful Companies, Securities Firms and Fund Managers RM'000	Corporates RM'000	Regulatory Retail RM'000	RRE Financing RM'000	Higher Risk Assets RM'000	Other Assets RM'000		
0%	2,614,371	249,862	4,989	1,935	641,255	61,440	-	-	-	3,573,852	-
20%	-	43,120	20,236	-	691,700	197,968	1,068	-	-	954,092	190,818
35%	-	-	-	-	-	-	3,492,063	-	-	3,492,063	1,222,222
50%	-	-	12,945	-	5,480	20,493	829,263	-	-	868,181	434,091
75%	-	-	-	-	-	2,346,053	1,228	-	-	2,347,281	1,760,461
100%	-	-	-	38,896	4,265,994	1,187,720	265,283	-	78,894	5,836,787	5,836,787
150%	-	-	-	-	89	2,457	-	985	-	3,531	5,297
<b>Total Exposures</b>	<b>2,614,371</b>	<b>292,982</b>	<b>38,170</b>	<b>40,831</b>	<b>5,604,518</b>	<b>3,816,131</b>	<b>4,588,905</b>	<b>985</b>	<b>78,894</b>	<b>17,075,787</b>	<b>9,449,676</b>
Risk-Weighted Assets by Exposures	-	8,624	10,520	38,896	4,407,208	3,000,785	1,903,271	1,478	78,894	9,449,676	
Average Risk Weight	0%	3%	28%	95%	79%	79%	41%	150%	100%	55%	
Deduction from Capital Base	-	-	-	-	-	-	-	-	-	-	-

4.0 Credit Risk (cont'd.)

4.3 Assignment of Risk-Weights for Portfolios Under the Standardised Approach (cont'd.)

The following tables represent the credit exposures by risk-weights and after credit risk mitigation (cont'd.):

2022 Risk- Weights	Exposures after netting and credit risk mitigation									Total Exposures after Netting and Credit Risk Mitigation RM'000	Total Risk- Weighted Assets RM'000
	Sovereigns /Central Banks RM'000	Public Sector Entities RM'000	Banks, DFIs and Multilateral Development Banks RM'000	Companies, Securities Firms and Fund Managers RM'000	Corporates RM'000	Regulatory Retail RM'000	RRE Financing RM'000	Higher Risk Assets RM'000	Other Assets RM'000		
0%	2,165,544	221,604	4,938	-	489,683	31,919	-	-	-	2,913,688	-
20%	-	126,390	15,055	-	679,177	143,944	517	-	-	965,083	193,016
35%	-	-	-	-	-	-	3,334,143	-	-	3,334,143	1,166,950
50%	-	-	1,000	-	1,618	4,932	978,223	-	-	985,773	492,887
75%	-	-	-	-	-	1,937,216	3,203	-	-	1,940,419	1,455,314
100%	-	-	-	7,812	3,831,588	1,005,127	448,176	-	71,170	5,363,873	5,363,874
150%	-	-	-	-	125	4,560	-	951	-	5,636	8,454
<b>Total Exposures</b>	<b>2,165,544</b>	<b>347,994</b>	<b>20,993</b>	<b>7,812</b>	<b>5,002,191</b>	<b>3,127,698</b>	<b>4,764,262</b>	<b>951</b>	<b>71,170</b>	<b>15,508,615</b>	<b>8,680,495</b>
Risk-Weighted Assets by Exposures	-	25,278	3,511	7,812	3,968,420	2,496,134	2,106,743	1,427	71,170	8,680,495	
Average Risk Weight	0%	7%	17%	100%	79%	80%	44%	150%	100%	56%	
Deduction from Capital Base	-	-	-	-	-	-	-	-	-	-	-

4.0 Credit Risk (cont'd.)

4.3 Assignment of Risk-Weights for Portfolios Under the Standardised Approach (cont'd.)

For the purpose of determining counterparty risk-weights, the Bank uses external credit assessments from Rating Agency Malaysia ("RAM"), Malaysian Rating Corporation Berhad ("MARC"), Standard and Poor's ("S&P"), Moody's, Fitch Ratings, and Rating and Investment Information, Inc ("R&I" [See Note 1]). In the context of the Bank's portfolio, external credit assessments are mainly applicable to banks/financial institutions and rated corporations. The Bank follows the process prescribed under BNM Capital Adequacy Framework for Islamic Banks (CAFIB)-Basel II to map the ratings to the relevant risk weights. The ratings are monitored and updated regularly to ensure that the latest and most appropriate risk-weights are applied in the capital computation.

The following tables show the rated credit exposures according to ratings by approved External Credit Assessment Institutions ("ECAIs"), or as prescribed under the CAFIB:

Long-Term Rating

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

Short-Term Rating

Rating Category	S&P	Moody's	Fitch	RAM	MARC	R&I*
1	A-1	P-1	F1+, F1	P-1	MARC-1	a-1+, a-1
2	A-2	P-2	F2	P-2	MARC-2	a-2
3	A-3	P-3	F3	P-3	MARC-3	a-3
4	Others	Others	B to D	NP	MARC-4	b, c
5	Unrated					

\* Note 1: R&I rating is not recognised for Islamic debt securities.

2023

Exposure Class	Rating Categories					Total
	1	2	3	4	5	
	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000
<b>On and Off-Balance Sheet Exposures</b>						
<b>(i) Exposures risk-weighted using Sovereigns and Central Banks rating</b>						
Sovereigns and Central Banks (See Note 2)	-	2,614,371	-	-	-	2,614,371
Public Sector Entities	-	249,862	-	-	-	249,862
Corporates	-	554,854	-	-	-	554,854
Banks, DFIs and Multilateral Development Banks	-	4,989	-	-	-	4,989
<b>Total</b>	-	3,424,076	-	-	-	3,424,076
<b>(ii) Exposures risk-weighted using Banking Institutions long-term rating</b>						
Banks, DFIs and Multilateral Development Banks	15,221	11,945	-	-	6,014	33,180
<b>Exposures risk-weighted using Banking Institutions short-term rating</b>						
Banks, DFIs and Multilateral Development Banks	-	-	-	-	-	-
<b>Total</b>	15,221	11,945	-	-	6,014	33,180
<b>(iii) Exposures risk-weighted using Corporate long-term rating</b>						
Public Sector Entities	-	-	-	-	43,120	43,120
Corporates	644,482	-	-	-	4,583,496	5,227,978
Takaful Companies, Securities Firms & Fund Managers	-	-	-	-	40,831	40,831
<b>Exposures risk-weighted using Corporate short-term rating</b>						
Public Sector Entities	-	-	-	-	-	-
Corporates	-	-	-	-	-	-
Takaful Companies, Securities Firms & Fund Managers	-	-	-	-	-	-
<b>Total</b>	644,482	-	-	-	4,667,447	5,311,929

Note 2: The Federal Government and Central Bank of Malaysia are accorded 0% risk weight as provided under the Capital Adequacy Framework.

Note: There is no outstanding securitisation contract in the Bank that requires disclosure of ratings and short term rating of securitisation by approved ECAIs.

**4.0 Credit Risk (cont'd.)**

**4.3 Assignment of Risk-Weights for Portfolios Under the Standardised Approach (cont'd.)**

The following tables show the rated credit exposures according to ratings by approved ECAIs (contd.):

**2022**

Exposure Class	Rating Categories					Total
	1	2	3	4	5	
	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000
<b>On and Off-Balance Sheet Exposures</b>						
<b>(i) Exposures risk-weighted using Sovereigns and Central Banks rating</b>						
Sovereigns and Central Banks (See Note 2)	-	2,165,544	-	-	-	2,165,544
Public Sector Entities	-	221,604	-	-	-	221,604
Corporates	-	455,592	-	-	-	455,592
Banks, DFIs and Multilateral Development Banks	-	4,938	-	-	-	4,938
<b>Total</b>	-	<b>2,847,678</b>	-	-	-	<b>2,847,678</b>
<b>(ii) Exposures risk-weighted using Banking Institutions long-term rating</b>						
Banks, DFIs and Multilateral Development Banks	10,043	3	-	-	6,008	16,054
<b>Exposures risk-weighted using Banking Institutions short-term rating</b>						
Banks, DFIs and Multilateral Development Banks	-	-	-	-	-	-
<b>Total</b>	<b>10,043</b>	<b>3</b>	-	-	<b>6,008</b>	<b>16,054</b>
<b>(iii) Exposures risk-weighted using Corporate long-term rating</b>						
Public Sector Entities	20,227	-	-	-	106,163	126,390
Corporates	649,167	-	-	-	4,060,167	4,709,334
Takaful Companies, Securities Firms & Fund Managers	-	-	-	-	7,812	7,812
<b>Exposures risk-weighted using Corporate short-term rating</b>						
Public Sector Entities	-	-	-	-	-	-
Corporates	-	-	-	-	-	-
Takaful Companies, Securities Firms & Fund Managers	-	-	-	-	-	-
<b>Total</b>	<b>669,394</b>	-	-	-	<b>4,174,142</b>	<b>4,843,536</b>

Note 2: The Federal Government and Central Bank of Malaysia are accorded 0% risk weight as provided under the Capital Adequacy Framework.

Note: There is no outstanding securitisation contract in the Bank that requires disclosure of ratings and short term rating of securitisation by approved ECAIs.

**4.0 Credit Risk (cont'd.)**

**4.4 Credit Risk Mitigation ("CRM")**

As a practical approach towards mitigating credit risk, the Bank accepts a wide range of collaterals. The main types of collateral acceptable to the Bank include cash, guarantees, commercial and residential real estates, and physical collateral/ financial collateral, e.g. motor vehicles or shares. Guarantees are accepted only when the financial standing of the guarantors have been ascertained.

However, for capital computation purposes, the BNM's Capital Adequacy Framework apply more restrictive rules on collaterals that qualify as credit risk mitigants. As a result, not all of the collaterals accepted by the Bank can be used to reduce the Bank's capital adequacy requirement.

The following tables represent the Bank's credit exposure including off-balance sheet items under the standardised approach, the total exposure (after, where applicable, eligible netting benefits) that is covered by eligible guarantees and credit derivatives; and eligible collateral after haircuts, allowed under the Capital Adequacy Framework for Islamic Banks.

2023 Exposure Class	Exposures	Exposures	Exposures	Exposures
	before CRM RM'000	covered by guarantees/ credit derivatives (Note 1) RM'000	covered by eligible financial collateral RM'000	covered by other eligible collateral RM'000
<b><u>Credit Risk</u></b>				
On-Balance Sheet Exposures:				
Sovereigns/Central Banks	2,614,371	-	-	-
Public Sector Entities	260,982	-	-	-
Banks, DFIs and Multilateral Development Banks	25,225	-	-	-
Takaful Companies, Securities Firms and Fund Managers	30,933	1,935	-	-
Corporates	5,220,093	128,107	124,615	-
Regulatory Retail	3,648,157	255,473	98,178	-
RRE Financing	4,362,811	1,068	509	-
Higher Risk Assets	894	-	-	-
Other Assets	78,894	-	-	-
Defaulted Exposures	221,994	520	-	-
Total On-Balance Sheet Exposures	<u>16,464,354</u>	<u>387,103</u>	<u>223,302</u>	<u>-</u>
Off-Balance Sheet Exposures:				
Off-Balance Sheet Exposures Other than Over The Counter ("OTC")				
Derivatives or Credit Derivatives	898,342	8,928	63,675	-
Defaulted Exposures	68	-	-	-
Total Off-Balance Sheet Exposures	<u>898,410</u>	<u>8,928</u>	<u>63,675</u>	<u>-</u>
Total On and Off-Balance Sheet Exposures	<u>17,362,764</u>	<u>396,031</u>	<u>286,977</u>	<u>-</u>

Note 1: The exposures covered by guarantees/credit derivative refer to the exposures guaranteed by eligible guarantors.

4.0 Credit Risk (cont'd.)

4.4 Credit Risk Mitigation ("CRM") (cont'd.)

2022 Exposure Class	<u>Exposures before CRM</u> RM'000	<u>Exposures covered by guarantees/ credit derivatives (Note 1)</u> RM'000	<u>Exposures covered by eligible financial collateral</u> RM'000	<u>Exposures covered by other eligible collateral</u> RM'000
<b><u>Credit Risk</u></b>				
On-Balance Sheet Exposures:				
Sovereigns/Central Banks	2,165,544	-	-	-
Public Sector Entities	331,994	-	-	-
Banks, DFIs and Multilateral Development Banks	19,993	-	-	-
Takaful Companies, Securities Firms and Fund Managers	3,792	-	-	-
Corporates	4,730,262	59,948	125,782	-
Regulatory Retail	3,060,310	175,044	84,453	-
RRE Financing	4,578,969	517	249	-
Higher Risk Assets	875	-	-	-
Other Assets	71,170	-	-	-
Defaulted Exposures	154,969	-	533	-
Total On-Balance Sheet Exposures	<u>15,117,878</u>	<u>235,509</u>	<u>211,017</u>	<u>-</u>
Off-Balance Sheet Exposures:				
Off-Balance Sheet Exposures Other than Over The Counter ("OTC")				
Derivatives	647,049	4,971	45,350	-
Defaulted Exposures	55	-	-	-
Total Off-Balance Sheet Exposures	<u>647,104</u>	<u>4,971</u>	<u>45,350</u>	<u>-</u>
Total On and Off-Balance Sheet Exposures	<u>15,764,982</u>	<u>240,480</u>	<u>256,367</u>	<u>-</u>

Note 1: The exposures covered by guarantees/credit derivative refer to the exposures guaranteed by eligible guarantors.



**4.0 Credit Risk (cont'd.)**

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

Off-balance sheet exposures of the Bank are mainly from the commitments to extend credit including the unutilised or undrawn portions of credit facilities.

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

	<b>Principal Amount RM'000</b>	<b>Credit Equivalent Amount RM'000</b>	<b>Risk- Weighted Assets RM'000</b>
<b>2023</b>			
<u>Credit-Related Exposures</u>			
Direct Credit Substitutes	81,609	81,609	66,961
Transaction-Related Contingent Items	72,678	36,339	23,042
Short-Term Self-Liquidating Trade- Related Contingencies	17,760	3,552	2,939
Forward Assets Purchase	15,000	15,000	3,000
Irrevocable Commitments to Extend Credit:			
- Maturity exceeding one year	495,519	247,539	188,580
- Maturity not exceeding one year	2,512,133	502,426	397,620
	<u>3,194,699</u>	<u>886,465</u>	<u>682,142</u>
<u>Derivative Financial Instrument</u>			
Profit Rate Related Contracts:			
- One year or less	-	-	-
- Over one year to three years	-	-	-
- Over three years	298,000	11,945	5,972
	<u>298,000</u>	<u>11,945</u>	<u>5,972</u>
	<u>3,492,699</u>	<u>898,410</u>	<u>688,114</u>
<b>2022</b>			
<u>Credit-Related Exposures</u>			
Direct Credit Substitutes	70,235	70,235	61,022
Transaction-Related Contingent Items	61,208	30,604	20,085
Short-Term Self-Liquidating Trade- Related Contingencies	19,250	3,850	2,463
Forward Assets Purchase	-	-	-
Irrevocable Commitments to Extend Credit:			
- Maturity exceeding one year	283,555	141,774	102,418
- Maturity not exceeding one year	2,003,204	400,641	320,776
	<u>2,437,452</u>	<u>647,104</u>	<u>506,764</u>
<u>Derivative Financial Instrument</u>			
Profit Rate Related Contracts:			
- One year or less	-	-	-
- Over one year to three years	-	-	-
- Over three years	-	-	-
	<u>-</u>	<u>-</u>	<u>-</u>
	<u>2,437,452</u>	<u>647,104</u>	<u>506,764</u>

## **5.0 Market Risk**

For Islamic banking, market risk refers to fluctuations in values of tradable, marketable or leaseable assets (including sukuk) and in off-balance sheet individual portfolios such as restricted investment accounts. This risk relates to the current and future volatility of market values of specific assets, e.g. the market value of a Sukuk or Murabahah assets purchased to be delivered over a specific period; and of foreign exchange rates.

### **5.1 Market Risk Management**

The Board, via the GRMC provides oversight on market risk management activities. Its responsibilities include reviewing and approving risk management policies, risk exposures and limits whilst ensuring the necessary infrastructure and resources are in place.

At Senior Management level, the Group Assets and Liabilities Management Committee ("GALCO") manages the Group's market risk by reviewing and recommending market risk frameworks and policies; ensuring that market risk limits and parameters are within the approved thresholds; and aligning market risk management with business strategy and planning.

Organisationally, market risks are managed collectively via the Three Lines of Defence concept. Group Financial Markets, as the risk taking unit assumes ownership of the risk and manages the risk within the approved policies, risk limits and parameters as set by the GRMC or GALCO. The risk control function is undertaken by Group Risk Management which provides independent monitoring, valuation and reporting of the market exposures. This is supplemented by periodic review by Group Internal Audit.

### **5.2 Traded Market Risk**

For the Bank, market risk is managed using an integrated approach which involves the following processes:

- (a) Identification of market risk in new products and changes in risk profiles of existing exposures;
- (b) Assessment of the type and magnitude of market risks which takes into account the activity and market role undertaken;
- (c) Adoption of various market risk measurement tools and techniques to quantify market risk exposures; and
- (d) Scheduled and exception reporting on market risk exposures.

Market risk exists in the Group's activities in fixed income securities, foreign exchange and financial derivatives, which are transacted primarily by Group Financial Markets (treasury) department. Trading positions are held intentionally for short-term resale and with the intent of benefiting from actual or expected short-term price movements while banking book positions are held until maturity or as available-for-sale. Hence, these positions are susceptible to market movements.

These exposures are governed by approved policies, risk limits and parameters which are set vis-à-vis the Group's risk appetite and strategy. Besides that, treasury activities are monitored and reported independently by Group Market Risk on a daily basis. Market risk limits, exposures as well as any limit breaches or exceptions are reported to GALCO, ERM, and GRMC. The risk measures are outlined below:

- (a) Value-at-Risk ("VaR"): The Group has adopted the historical simulation approach where historical scenarios are generated based on actual past market movements. A snapshot of the end-of-day's positions is taken and full revaluation of the treasury positions is performed for each day's historical scenario versus the previous day's position. The VaR estimate is derived from the value of the 99th percentile of the loss distribution curve level and computed on a one-day holding period, i.e. the model is attempting to estimate the potential loss over the next 24 hours, based on historical market volatility. The Group currently adopts the hypothetical profit and loss ("P&L") approach for back testing purposes. Hypothetical P&L for back testing purposes refers to the simulated P&L that is generated by applying the day's price movements to the previous day's end-of-day portfolio.
- (b) Price Value of a Basis Point ("PV01") Limit: PV01 measures the sensitivity of the portfolio to adverse movements in profit rates. This limit is expressed in terms of potential losses to the entire portfolio for an adverse one basis point movement in profit rates.
- (c) The Total Net Open Position ("NOP"): The NOP limits represent the maximum permissible amount of net open position that the FX Spot & Swap Trading Desk dealers can maintain at any point in time.

**5.0 Market Risk (cont'd.)**

**5.2 Traded Market Risk (cont'd.)**

- (d) Gamma and Vega Limits for FX and Profit Options: Gamma value parameter of an option is a risk parameter that measures the changes of the portfolio Delta due to changes in the underlying Spot value. Vega risk of an option measures and computes the changes in portfolio value due to parallel shift in volatility surface.
- (e) Others: Other limits include Stop Loss Limits, Tenure Limits and Transaction Limits. These limits provide additional control on the trading portfolio. In addition, stress testing is conducted to gauge and identify potential vulnerability risk areas of a bank's portfolio in accordance with a range of stressed scenarios or sensitivity analyses. It provides a forward looking assessment of risk exposures under stressed conditions which enables the Bank to assess potential worst case scenarios and develop appropriate management actions and contingency plans.

***Hedging Policies and Strategies***

The Bank had established a policy which outlines the broad principles and policies governing hedging activities by the Bank. Generally, the Bank enters into hedges to manage or reduce risk exposures. All hedging strategies in the trading and banking book are approved by the GALCO and monitored independently by Group Market Risk Management. Further, all hedging strategies are designated upfront and recorded separately under the hedging portfolios. Hedging positions and effectiveness, if any, are monitored and reported monthly to Senior Management.

The following actions describe the financial hedges that may be entered into to mitigate the profit rate risk exposures of the Bank.

- (a) Fair value hedge  
The Bank use profit rate swaps to hedge its exposure to changes in the fair value of bonds.
- (b) Cash flow hedge  
The Bank use foreign currency swaps (hedging instrument) to hedge the foreign exchange risks (USD) arising from the foreign currency interbank borrowing (hedged item) denominated in USD.

***Market risk capital charge***

For the Bank, the market risk charge is computed on the standardised approach and the capital charges are mainly on the Islamic bonds/ sukuk, if any.

**5.0 Market Risk (cont'd.)**

**5.2 Traded Market Risk (cont'd.)**

**Regulatory capital requirements**

The risk-weighted assets and capital requirements for the various categories of risk under market risk are as follows:

	<b>Risk- Weighted Assets</b>	<b>Capital Requirements</b>
	RM'000	RM'000
<b>2023</b>		
Profit Rate Risk		
- General Profit Rate Risk	-	-
- Specific Profit Rate Risk	-	-
	<u>-</u>	<u>-</u>
Foreign Exchange Risk	123	10
Option Risk	-	-
	<u>123</u>	<u>10</u>
	<u><u>123</u></u>	<u><u>10</u></u>
<b>2022</b>		
Profit Rate Risk		
- General Profit Rate Risk	-	-
- Specific Profit Rate Risk	-	-
	<u>-</u>	<u>-</u>
Foreign Exchange Risk	58	5
Option Risk	-	-
	<u>58</u>	<u>5</u>
	<u><u>58</u></u>	<u><u>5</u></u>

## **5.0 Market Risk (cont'd.)**

### **5.3 Non-Traded Market Risk**

Non-traded market risk is the inherent risks arising from banking book activities. The primary risk factors include rate of return risk in the banking book.

#### **5.3.1 Rate of Return Risk in the Banking Book**

Rate of Return Risk in the Banking Book ("RORBB") is the risk that occurs when movements in profit rates affect a banking organisation's earnings or economic value. Profit rate changes affect the Bank's earnings by altering profit rate-sensitive income and expenses, affecting its Net Profit Income ("NPI"). It also affects the underlying value of banking assets, liabilities and off-balance sheet instruments as the present value of future cash flows changes when there are changes in profit rate.

##### ***Risk Governance***

RORBB is managed collectively by GALCO, Group Financial Markets, Group Finance and Group Risk Management. Each of these parties has defined roles and responsibilities to provide oversight and manage RORBB within the defined framework and structure as approved by the GRMC/Board. GALCO assumes the overall responsibility in managing RORBB by setting the directions, strategy and risk limits/parameters for the Bank. Group Financial Markets is tasked to execute the strategies as approved by GALCO to manage the assets/liabilities as well as the funding and liquidity needs of the Bank/Group where the Group and its entities have operated above the minimum regulatory requirement for Liquidity Coverage Ratio ("LCR") and Net Stable Funding Ratio ("NSFR"). Group Finance and Group Risk Management provide support in respect of risk monitoring and reporting of the banking book exposures; and ensuring regulatory as well as accounting requirements are met.

##### ***RORBB Management***

The guiding principles in managing RORBB include:

- (a) Adopting a prudent approach to manage RORBB in ways that commensurate with the Group's size and business activities. This is achieved via establishing robust RORBB policies, measures and strategies, and complemented by regular monitoring and reporting;
- (b) Checking to ensure that RORBB is accurately measured and any mismatches identified, reviewed and reported monthly to GALCO;
- (c) Setting proper gapping limits and the limits monitored closely; and
- (d) Practising comprehensive RORBB reporting and review process, with aggregated information and supporting details to facilitate the assessment of the Group's sensitivity to changes in market conditions.

The Bank uses a range of tools, including the following primary measures to quantify and monitor RORBB:

- (a) Repricing gap analysis to measure profit rate from the earnings perspective, i.e. impact of profit rate changes to earnings in the short term;
- (b) Net profit income simulations to assess the impact of profit rate changes on short term earnings volatility;
- (c) Economic value ("EV") simulations that measure the asset-liability impact of adverse profit rate movements on the economic value of the Bank's capital; and
- (d) Product behavioural testing is applied regularly to ensure the risk assessment is able to withstand any market profit rate changes within the risk tolerance of the Bank.

Group Risk Management performs independent monitoring of the profit rate benchmarks to ensure compliance. Any exceptions are reported and appropriate remedial actions are taken, where necessary. Schedule reporting via risk dashboards are provided to Senior Management, GRMC and the Board. The risk dashboards provide a visual gauge ("dashboard view") on the RORBB of the Bank.

The Bank is guided by BNM's guidelines and Basel standards on management of RORBB.

## 5.0 Market Risk (cont'd.)

### 5.3 Non-Traded Market Risk (cont'd.)

#### 5.3.1 Rate of Return Risk in the Banking Book (cont'd.)

The following tables present the Bank's projected sensitivity shock based on standard scenario as outlined in BNM's Reporting Requirements for Rate of Return Risk in the Banking Book Policy Document issued on 30 June 2020 across all maturities applied on the Bank's rate of return sensitivity gap as at reporting date.

	MYR RM'000	USD RM'000	SGD RM'000	Other Foreign Currencies ("FCY") RM'000	Total RM'000
<b>2023</b>					
<b>Impact on NPI</b>					
Parallel 200 bps up	62,525	-	-	-	62,525
Parallel 200 bps down	(62,525)	-	-	-	(62,525)
<b>Impact on EV</b>					
Parallel 200 bps up	(84,119)	-	-	-	(84,119)
Parallel 200 bps down	84,119	-	-	-	84,119
Steeper	(141,204)	-	-	-	(141,204)
Flattener	120,857	-	-	-	120,857
Short Rate Up	3,318	-	-	-	3,318
Short Rate Down	(3,318)	-	-	-	(3,318)
	MYR RM'000	USD RM'000	SGD RM'000	Other FCY RM'000	Total RM'000
<b>2022</b>					
<b>Impact on NPI</b>					
Parallel 200 bps up	45,761	-	-	-	45,761
Parallel 200 bps down	(45,761)	-	-	-	(45,761)
<b>Impact on EV</b>					
Parallel 200 bps up	(105,809)	-	-	-	(105,809)
Parallel 200 bps down	105,809	-	-	-	105,809
Steeper	(117,607)	-	-	-	(117,607)
Flattener	95,859	-	-	-	95,859
Short Rate Up	(20,991)	-	-	-	(20,991)
Short Rate Down	20,991	-	-	-	20,991

The reported amounts do not capture the impact of business growth or of management actions as the impact is based on the balance sheet as at reporting date. In reality, GALCO seeks to proactively change the profit attributable to rate of return risk to minimise losses and maximise revenue.

Actual dates may differ from contractual dates for both financing and deposit owing to prepayments/premature withdrawals. When possible and material, financing prepayments and deposit premature withdrawals are generally estimated based on past statistics and trends. The impact on NPI and EV are measured on a monthly basis for the Bank and quarterly for the Group, both of which are reported to GALCO and the Group Risk Management Committee.

#### 5.3.2 Liquidity Risk

Liquidity risk can be defined as the risk where an entity is unable to fund increases in assets and meet financial obligations as they come due without incurring unacceptable losses. Liquidity risk measures are usually expressed in the form of various liquidity risk measurement ratios and triggers.

It is essential to adopt a conservative and prudent approach in the measurement of liquidity risk. This is achieved by the establishment of robust liquidity risk management policies, measures and strategies that are complemented by regular monitoring and reporting process.

The liquidity risk management references BNM's LCR to gauge its liquidity exposure, complemented with BNM's Net Stable Funding Ratio ("NSFR") which requires the Group to maintain sufficient liquidity, including a cushion of unencumbered, High Quality Liquid Assets ("HQLA") to withstand a range of stress events.

The Group is in compliance with the minimum regulatory requirements ratio to LCR and NSFR within the period from April 2022 to March 2023.

**6.0 Operational Risk**

Operational risk is the risk of direct or indirect financial loss resulting from inadequate or failed internal processes, people and systems or from external events. It includes legal risk but excludes strategic and reputational risks.

**Operational Risk Management**

Management, escalation and reporting of operational risks are instituted through the Group Operational and Technology Risk Management Committee ("GOTRC"), ERM, and GRMC as well as the Board.

The Board, via GRMC provides oversight on operational risk management activities.

At Senior Management level, GOTRC manages the day-to-day operational risk exposures. The roles and responsibilities of GOTRC include:

- (a) Providing strategic guidance on operational issues and monitoring the implementation of Operational Risk Management ("ORM") Framework;
- (b) Reviewing and monitoring operational risk issues, reports and action plans;
- (c) Evaluating and agreeing on initiatives to strengthen operational processes or infrastructure; and
- (d) Promoting risk awareness and operational risk management culture.

The Group practises operational risk management as outlined in the ORM Framework, in accordance with Basel and regulatory guidelines. The Group applies operational risk tools and methodologies in the identification, assessment, measurement, control and monitoring of operational risks. Other efforts by the Group include the ORM awareness training which is given to all staff, and regular business continuity and disaster recovery plans.

The Group's operational risk management process is depicted in the table below:

<b>Identification</b>	Identify the various risks inherent to each product, process and activity, as well as adverse trends of risk parameters
<b>Assessment</b>	<ul style="list-style-type: none"> <li>- Risk Control Self-Assessment ("RCSA")</li> <li>- Controls Self-Assessment ("CSA")</li> <li>- Key Risk Indicators ("KRI")</li> <li>- Loss Event Data ("LED")</li> <li>- Stress Testing and Scenario Analysis ("SA")</li> </ul>
<b>Mitigation &amp; Control</b>	<ul style="list-style-type: none"> <li>- Set risk mitigation measures and controls</li> <li>- Insurance/takaful</li> <li>- Outsourcing</li> <li>- Business Continuity Management</li> </ul>
<b>Reporting</b>	<ul style="list-style-type: none"> <li>- Escalate and highlight regular operational risk reports to Senior Management and the Board</li> <li>- Highlight new/emerging risk areas and the controls in place</li> </ul>
<b>Disclosure</b>	Provide regular risk disclosure to regulators through the Pillar 3 disclosure report and regulatory reports on operational risk, e.g. ORION/FIBOX reporting

**6.0 Operational Risk (cont'd.)**

***Operational Risk Management (cont'd.)***

The customary tools employed by the Group for the management of operational risk are:

- (a) **RCSA** - An operational risk tool that is used to identify and assess risks inherent in the Group's operations and to evaluate the overall effectiveness of the internal controls in mitigating the identified risks;
- (b) **CSA** - Complements the RCSA process by validating the effectiveness of the controls measures identified and highlight control lapses;
- (c) **KRI** - A quantitative and statistical parameter, often financial in nature and focuses on business processes and activities to identify emerging risks and potential changes in operational risk profiles;
- (d) **LED** - The process of collecting, evaluating, monitoring and reporting operational risk events, loss amount and irregularities; and
- (e) **Stress Testing and SA** - Assessment made to identify potential operational risk events and potential outcomes including identifying potential significant operational risks and the need for additional risk management, controls or mitigation solutions.

The Bank adopts Basic Indicator Approach for computation of operational Risk-Weighted Assets ("RWA").



## **7.0 Shariah Governance Disclosures**

Shariah Non-Compliance Risk is the risk of loss that arise from the risk of failure to comply with Shariah rules and principles as determined by the Shariah Advisory Council of BNM and the Bank's Shariah Committee. To manage the risks, the Bank has adopted the following guiding principles:

- (a) A sound Shariah Compliance Framework which governs the operations of the Bank and outlines the roles of key functionalities within the Bank, including but not limited to the Shariah risk management process. This is in line with the Shariah governance policy document issued by BNM;
- (b) The Board of Directors, assisted by the Shariah Committee and Senior Management, provides oversight on Shariah compliance aspects of the Bank's overall operations. This, amongst others, includes:
  - Oversight and implementation of the Shariah Compliance Framework;
  - Regular review of Shariah non-compliant income and issues;
  - Addressing Shariah non-compliance findings; and
  - Ensuring compliance with regulatory and internal requirements including disclosures.
- (c) Appointment of a qualified Shariah Committee member who also serves as Board member; serving as a 'bridge' between the Board and the Shariah Committee;
- (d) Ongoing Shariah reviews and training to raise risk awareness and ensure compliance to Shariah rules and principles. This includes:
  - Regular assessment on Shariah compliance in the activities and operations of the Bank. The findings of the review are reported to the Shariah Committee for deliberation and decision;
  - Performing research and studies on Shariah issues, including providing day-to-day Shariah advice and consultancy to relevant parties; and
  - Conducting Shariah-related training and ongoing engagement with relevant parties to raise awareness on Shariah non-compliance risk.
- (e) Escalation and reporting processes of Shariah non-compliant income and issues governed through designated escalation channels, which include the Board and Shariah Committee; and
- (f) Periodic engagement between the Board and the Shariah Committee to discuss Shariah research, Shariah compliance and the views of scholars on Islamic banking activities.

### ***Shariah Non-Compliant Income and Events***

During the financial period, there were two instances of Shariah non-compliance were detected from the ongoing reviews of the Bank's operational processes. The Shariah non-compliance events had been tracked and escalated to the Shariah Committee and the Board, and immediate actions were taken to rectify the events. The Shariah non-compliant income of RM100.54 has been donated to charity and/or refunded to the affected customers in accordance with the Shariah Committee's decision.