**Mizuho Bank (Malaysia) Berhad** Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

Pillar 3 disclosure for the financial year ended 31 March 2021

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

#### 1.0 Overview

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

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

The approaches adopted by Mizuho Bank (Malaysia) Berhad ("the Bank") are shown in the table below:

Risk Type	Approach Adopted	Capital Requirement Assessment
Credit	Standardised Approach	Standard risk-weights
Market	Standardised Approach	Standard risk-weights
Operational	Basic Indicator Approach	Fixed percentage over average gross income for a fixed number of years

#### 2.0 Capital management and capital adequacy

The objective of the Bank's capital management policy is to maintain an adequate level of capital to support business growth strategies under an acceptable risk framework, and to meet its regulatory minimum capital requirements. 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.

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

#### 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 actual results of the preceding financial year (as the base case). 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 for 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.

The Bank undertakes stress test exercise on a half yearly basis to assess the Bank's capability to withstand any adverse environment that may arise. The stress test will at least cover the exceptional but plausible event and the worst case scenario. For the Bank, the stress test is conducted either based on the parameters applied to the current position or using the 3 year business plan projection. The three key segments namely loan growth, deposit growth and profit growth are focused in the 3 year business plan. Impacts on the Bank's potential losses, impairments, liquidity position, earnings and capital ratio is projected based on the selected parameters. With the stress test results that will be communicated to the Board and Board Risk Management Committee ("BRMC"), the Bank shall identify the key strategies to mitigate the effects of stress events and conserve the capital.

Capital adequacy ratios of the Bank are computed in accordance with BNM's Capital Adequacy Framework. For the year 2020, the minimum regulatory CETI capital ratio, Tier 1 capital ratio and total capital ratio requirement including the capital conservation buffer are 7.0%, 8.5% and 10.5% respectively. The following information presents the capital adequacy ratios of the Bank and the breakdown of RWA:

### (a) Capital adequacy ratio

	2021	2020
CET1 Capital Ratio	30.176%	27.076%
Tier 1 Capital Ratio	30.176%	27.076%
Total Capital Ratio	31.145%	28.162%

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

## 2.0 Capital management and capital adequacy (continued)

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

Exposure Class	Gross Exposures RM'000	Net Exposures RM'000	Risk- Weighted Assets RM'000	Minimum Capital Requirement at 8% RM'000
2021				
Credit Risk				
On-balance sheet exposures:				
Sovereigns/central banks	1,298,696	1,298,696	-	-
Banks, development financial Institutions and Multilateral				
Development Banks ("MDBs")	2,670,849	1,057,571	230,187	18,415
Corporates	7,399,258	4,661,823	3,350,181	268,014
Other assets	27,935	27,935	27,894	2,232
Total on-balance sheet exposures	11,396,738	7,046,025	3,608,262	288,661
Off-balance sheet exposures:				
Over-the-counter ("OTC") derivatives	764,029	764,029	529,725	42,378
Off-balance sheet exposures other than				
OTC derivatives or credit derivatives	198,465	198,465	185,933	14,875
Total off-balance sheet exposures	962,494	962,494	715,658	57,253
Total on and off-balance sheet exposures	12,359,232	8,008,519	4,323,920	345,914
	Long Position	Short Position	Assets	Minimum Capital Requirement at 8%
No alas Andala	RM'000	RM'000	RM'000	RM'000
Market risk Interest rate risk	7,871,687	7,849,570	89,956	7,196
Foreign currency risk	21,389	7,049,370	267,363	21,389
i oreign currency risk	21,309	-	201,303	21,369
Operational risk			300,152	24,012
Total RWA and capital requirements			4,981,391	398,511

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

## 2.0 Capital management and capital adequacy (continued)

(b) The breakdown of RWA by exposures in each major risk category under standardised approach is as follow (continued):

Exposure Class	Gross Exposures RM'000	Net Exposures RM'000	Risk- Weighted Assets RM'000	Minimum Capital Requirement at 8% RM'000
2020				
Credit Risk				
On-balance sheet exposures:				
Sovereigns/central banks	1,338,653	1,338,653	-	-
Banks, development financial Institutions and Multilateral				
Development Banks ("MDBs")	4,083,445	2,006,839	580,785	46,463
Corporates	7,755,711	2,329,314	1,670,903	133,672
Other assets	24,511	24,511	24,482	1,959
Total on-balance sheet exposures	13,202,320	5,699,317	2,276,170	182,094
Off-balance sheet exposures:				
Over-the-counter ("OTC") derivatives	820,867	820,867	535,915	42,873
Off-balance sheet exposures other than				
OTC derivatives or credit derivatives	95,905	95,905	84,678	6,774
Total off-balance sheet exposures	916,772	916,772	620,593	49,647
Total on and off-balance sheet exposures	14,119,092	6,616,089	2,896,763	231,741
•				
	Long	Short	Risk- Weighted	Minimum Capital Requirement
	Position RM'000	Position RM'000	Assets RM'000	at 8% RM'000
Market risk				
Interest rate risk	8,532,490	8,508,314	103,238	8,259
Foreign currency risk	1,714	-	21,425	1,714
Operational risk			314,087	25,127
Total RWA and capital requirements			3,335,513	266,841

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

#### 3.0 Capital structure

The components of Tier I and Tier II capital of the Bank are as follows:

	2021	2020
	RM'000	RM'000
CET 1 Capital		
Paid-up share capital	1,200,000	700,000
Retained profits	311,805	210,550
Other reserves	(8,645)	(7,415)
Total Tier 1 Capital	1,503,160	903,135
Tier 2 Capital		
General provisions and regulatory reserve	48,313	36,210
Total Capital	1,551,473	939,345

#### 4.0 Stress test

The Bank conducts a robust and dynamic exercise on semi-annually basis. The stress test exercise is part of risk and management process in capital and business planning.

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

The assumptions used for stress test are regularly reviewed by the Stress Test Working Group. The assumptions used in the past include global economic turmoil, cyber attack, weakening of Malaysian Ringgit, crude oil price hike, higher bond yield, rising of inflation rate, amongst others.

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

#### 5.0 Risk management framework

The Board of Directors establishes the Bank's risk appetite and risk principles. The BRMC, Management Credit Committee ("MCC") and Asset-Liability Management Committee ("ALMC") have been established by the Board to assume responsibilities for the risk oversight and any approved policies and frameworks formulated on credit, market, liquidity and operational risk.

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

#### **5.0** Risk management framework (continued)

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

RMD is responsible for identifying, monitoring, analysing and reporting the principal risks to which the Bank is exposed. In facilitating the Bank's achievement of its objectives whilst operating in a sound business environment, teams from RMD are engaged from an early stage in the risk process for independent inputs and risk assessments. Complementing this is internal audit, which provides independent assurance of the effectiveness of the risk management approach.

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

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

#### 6.0 Credit risk

Credit risk is defined as risk of loss arising from the failure of a counterparty to perform their contractual obligations in accordance with the agreed terms and conditions. Corporate and institutional credits are assessed by business units and ratings were assigned based on quantitative and qualitative factors. These credits are subsequently evaluated and approved by independent parties.

Apart from credit risk, credit concentration risks and large exposure risks are managed by setting limits for single counterparty, connected parties, market sectors, etc. These limits are monitored to control and prevent excessive concentration of risk exposure. In addition, reviews of the limits are conducted on a periodic basis.

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

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

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

### 6.0 Credit risk (continued)

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

The credit rating models for corporate customers are designed to assess the credit worthiness in paying their obligations, derived from risk factors such as financial position, conduct of account and market conditions.

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

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

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

Finance

## **6.1 Distribution of credit exposures**

## (i) Industry analysis

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

							Finance,			
					Wholesale &		Insurance,			
			Electricity,		Retail Trade &	Transport,	Real Estate &	Education,		
	Mining &		Gas &		Restaurants &	Storage &	Business	Health		
	Quarrying	Manufacturing	Water Supply	Construction	Hotels	Communication	Activities	and Others	Others	Total
2021	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000
On-Balance Sheet Exposures										
Cash and short-term funds	-	-	-	-	-	-	1,068,070	-	-	1,068,070
Deposits and placements with										
financial institutions ("FIs")	-	-	-	-	-	-	282,343	-	-	282,343
Financial assets at fair value										
through other comprehensive										
income ("FVOCI")	-	-	-	-	-	-	1,903,042	-	-	1,903,042
Loans, advances and financing	15,326	1,699,812	796	648,822	49,699	16,274	5,525,613	55,069	-	8,011,411
Derivative financial assets	-	12,462	-	310	157	4	143,592	-	-	156,525
Other financial assets	-	36	-	-	2	476	98,550	-	1,106	100,170
	15,326	1,712,310	796	649,132	49,858	16,754	9,021,210	55,069	1,106	11,521,561
Commitment and Contingencies	110,580	2,064,449	700	784,288	461,849	1,478,855	10,386,044	41,112		15,327,877
Total Credit Exposures	125,906	3,776,759	1,496	1,433,420	511,707	1,495,609	19,407,254	96,181	1,106	26,849,438

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

# PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

## **6.1** Distribution of credit exposures (continued)

## (i) Industry analysis (continued)

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

							Finance,			
					Wholesale &		Insurance,			
			Electricity,		Retail Trade &	Transport,	Real Estate &	Education,		
	Mining &		Gas &		Restaurants &	Storage &	Business	Health		
	Quarrying	Manufacturing	Water Supply	Construction	Hotels	Communication	Activities	and Others	Others	Total
2020	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000
On-Balance Sheet Exposures										
Cash and short-term funds	-	-	-	-	-	-	1,556,301	-	-	1,556,301
Deposits and placements with FIs	-	-	-	-	-	-	1,420,480	-	-	1,420,480
Financial assets at FVOCI	-	-	-	-	-	-	1,134,913	-	-	1,134,913
Loans, advances and financing	46,686	2,246,767	111,873	572,808	166,980	18,452	5,778,195	25,135	-	8,966,896
Derivative financial assets	-	8,099	-	89	74	-	191,310	-	-	199,572
Other financial assets		22			1		30,534		1,077	31,634
	46,686	2,254,888	111,873	572,897	167,055	18,452	10,111,733	25,135	1,077	13,309,796
Commitment and Contingencies	118,244	1,908,265	700	678,922	503,835	239,222	10,289,055	61,242	-	13,799,485
							·			
Total Credit Exposures	164,930	4,163,153	112,573	1,251,819	670,890	257,674	20,400,788	86,377	1,077	27,109,281

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

### **6.1 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.

	Within Malaysia RM'000	Outside Malaysia RM'000	Total RM'000
2021			
<b>On-Balance Sheet Exposures</b>			
Cash and short-term funds	890,061	178,009	1,068,070
Deposits and placements with FIs	282,343	-	282,343
Financial assets at FVOCI	1,903,042	-	1,903,042
Loans, advances and financing	6,083,794	1,927,617	8,011,411
Derivative financial assets	155,152	1,373	156,525
Other financial assets	99,383	787	100,170
	9,413,775	2,107,786	11,521,561
Commitment and Contingencies	14,687,633	640,244	15,327,877
Commitment and Contingencies	14,067,033	040,244	13,327,677
Total Credit Exposures	24,101,408	2,748,030	26,849,438
2020			
On-Balance Sheet Exposures			
Cash and short-term funds	1,418,660	137,641	1,556,301
Deposits and placements with FIs	1,420,480	-	1,420,480
Financial assets at FVOCI	1,134,913	-	1,134,913
Loans, advances and financing	7,024,889	1,942,007	8,966,896
Derivative financial assets	198,817	755	199,572
Other financial assets	30,794	840	31,634
	11,228,553	2,081,243	13,309,796
<b>Commitment and Contingencies</b>	13,552,252	247,233	13,799,485
Total Credit Exposures	24,780,805	2,328,476	27,109,281

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

## **6.1 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.

2021 On-Balance Sheet Exposures	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	No specific maturity RM'000	Total RM'000
Cash and short-term funds	1,068,070	-	-	-	-	-	1,068,070
Deposits and placements with FIs	-	-	282,343	-	-	-	282,343
Financial assets at FVOCI	275,425	135,551	238,952	1,253,114	-	-	1,903,042
Loans, advances and financing	2,462,472	1,039,134	1,017,099	3,474,083	18,623	-	8,011,411
Derivative financial assets	11,476	8,941	40,944	95,164	-	-	156,525
Other financial assets	14,123	8,341	3,069	-	-	74,637	100,170
	3,831,566	1,191,967	1,582,407	4,822,361	18,623	74,637	11,521,561
<b>Commitment and Contingencies</b>	5,188,011	2,278,406	2,620,629	5,204,540	36,291		15,327,877
Total Credit Exposures	9,019,577	3,470,373	4,203,036	10,026,901	54,914	74,637	26,849,438

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

## **6.1 Distribution of credit exposures (continued)**

### (iii) Maturity analysis (continued)

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 (continued).

2020 On-Balance Sheet Exposures	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	No specific maturity RM'000	Total RM'000
Cash and short-term funds	1,556,301	<u>-</u>	-	-	-	-	1,556,301
Deposits and placements with FIs	-	955,259	465,221	-	-	-	1,420,480
Financial assets at FVOCI	150,043	95,179	217,348	672,343	-	-	1,134,913
Loans, advances and financing	2,489,462	1,050,775	1,650,758	3,561,176	214,725	-	8,966,896
Derivative financial assets	25,122	13,842	53,078	107,418	112	-	199,572
Other financial assets	10,265	11,455	3,403	-	-	6,511	31,634
	4,231,193	2,126,510	2,389,808	4,340,937	214,837	6,511	13,309,796
<b>Commitment and Contingencies</b>	4,614,405	589,741	3,438,163	5,111,076	46,100		13,799,485
Total Credit Exposures	8,845,598	2,716,251	5,827,971	9,452,013	260,937	6,511	27,109,281

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

### PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

#### 6.2 Credit quality of loans, advances and financing

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 and corporate loans. The credit exposures are to be segregated to its three stages, as described below:

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

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

Stage 3: Impaired Credit Exposure. (Lifetime ECL)

The three main components to measure ECL are as follows:

#### Probability of Default ("PD")

The PD of the Bank is derived based on modelling approach of which statistical analysis and expert judgement was performed to derive the PD estimates given the historical zero-default observation in the Bank. The model relies on the credit quality in the Bank's asset portfolio to predict the 12-month PD. The Lifetime PD is developed using the Bank's year-on-year relative change approach with the application of forecasted macroeconomic variable ("MEV").

#### Loss Given Default ("LGD")

The Bank applies LGD based on rating classification of counterparty, seniority of claim, availability of collateral and other credit support. With zero defaults to-date, the Bank refers on the regulatory standards on the assigned LGD for unsecured senior claims and subordinated claims.

#### Exposure at Default ("EAD")

The 12-month and lifetime EADs are determined based on the expected payment profile, which varies by product type. In the EAD model, the Bank applies the regulator's Credit Conservation Factor ("CCF") on the on-and off-balance sheet exposures. The CCF ratios varies depending on the product type.

#### Forecast of key macroeconomic variables

Based on MFRS 9, the Bank shall hold provision against potential future credit risk losses which depend not only on the present economy but also on the potential changes to the economic environment in the future.

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

#### 6.2 Credit quality of loans, advances and financing (continued)

Forecast of key macroeconomic variables (continued)

The Bank captures the effect of changes to the economic environment in the future in the computation of PD. Hence, ECL incorporates forward looking information, assumptions on economic variables that are likely to have an effect on the repayment capabilities of the Bank's customers and counterparties.

The Bank incorporates the forward looking adjustments in the credit risk parameter used in ECL calculation, where Gross Domestic Product ("GDP") growth is the main economic input used in the computation of forward looking scalar. The Bank applies three scenarios which include "Baseline", "Favourable" and "Downturn" scenarios, taking into account the probability weighted range of possible future outcomes in estimating ECL.

The general provision / impairment for the credit exposures of the Bank will be equivalent to 12-Month ECL or Lifetime ECL, depending on the stage of credit exposures befitting each financial asset.

All gross loans, advances and financing at amortised cost are neither past due nor impaired as at the following reporting dates:

	2021	2020
	RM'000	RM'000
At amortised cost:		
Term loans	5,225,246	6,240,295
Revolving credits	1,560,748	1,404,350
Bills receivable	20,310	33,946
	6,806,304	7,678,591
Less: Unearned interest	(36)	(107)
Gross loans, advances and financing at amortised cost	6,806,268	7,678,484
Less: Allowance for expected credit losses	(41,551)	(54,608)
Net loans, advances and financing at amortised cost	6,764,717	7,623,876

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

### **6.2** Credit quality of loans, advances and financing (continued)

(i) The following table presents the impairment allowances on loans, advances and financing of the Bank analysed by economic sector:

						Finance,			
				Wholesale &		Insurance,			
		Electricity,		Retail Trade &	Transport,	Real Estate &	Education,		
Minir	ıg &	Gas &		Restaurants &	Storage &	Business	Health		
Quarr	ying Manufacturing	Water Supply	Construction	Hotels	Communication	Activities	and Others	Others	Total
RM	'000 RM'000	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000
2021									
Expected Credit Loss									
Loans, advances and financing	- 21,522	13	1,714	1,980	377	15,802	143	-	41,551
2020									
Expected Credit Loss									
Loans, advances and financing	- 43,169	1,209	2,520	1,910	505	5,195	100	<u>-</u>	54,608

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

### **6.2** Credit quality of loans, advances and financing (continued)

(ii) The following table presents the impairment allowances on loans, advances and financing of the Bank analysed by geographical location based on where the credit risk resides:

	Within Malaysia RM'000	Outside Malaysia RM'000	Total RM'000
2021			
<b>Expected Credit Loss</b>			
Loans, advances and financing	39,122	2,429	41,551
2020 Expected Credit Loss	54.570	26	54.600
Loans, advances and financing	54,572	36	54,608

(iii) Movements in impairment allowance on loans, advances and financing:

	2021 RM'000	2020 RM'000
At 1 April (Writeback)/allowance made during the financial year At 31 March	54,608 (13,057) 41,551	28,632 25,976 54,608
As percentage of total loans, advances and financing	0.52%	0.61%

The Bank has no impaired loans, advances and financing and no individual impairment allowance was deemed required as at 31 March 2021.

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

## **6.2** Credit quality of loans, advances and financing (continued)

(iv) Movement in impairment allowances on loans, advances and financing which reflects the ECL model on impairment are as follows:

	12-Month	Lifetime	e ECL	
	ECL	Not credit-	Credit-	
		<b>Impaired</b>	<b>Impaired</b>	
	Stage 1	Stage 2	Stage 3	Total
	RM'000	RM'000	RM'000	RM'000
At 1 April 2020	19,215	35,393	-	54,608
New financial assets originated	22,540	5,297	-	27,837
Financial assets derecognised	(17,963)	(35,393)	-	(53,356)
Net remeasurement during the				
financial year	10,607	1,855	-	12,462
At 31 March 2021	34,399	7,152	-	41,551
At 1 April 2019	3,039	25,593	-	28,632
New financial assets originated	17,491	35,393	-	52,884
Financial assets derecognised	(2,735)	(25,593)	-	(28,328)
Net remeasurement during the				
financial year	1,420	-	-	1,420
At 31 March 2020	19,215	35,393	-	54,608

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

#### 6.3 Off-balance sheet exposures and counterparty credit risk

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

	Principal amount	Credit equivalent amount*	Risk- weighted amount*
2021	RM'000	RM'000	RM'000
Direct credit substitutes	35,117	35,117	34,665
Transaction related contingent items	105,819	52,910	40,830
Short-term self-liquidating trade related contingencies	11,543	2,309	2,309
Foreign exchange related contracts			
- One year or less	1,838,982	44,107	24,931
- Over one year to five years	349,366	27,719	20,481
Interest related contracts			
- One year or less	3,231,541	134,203	90,198
- Over one year to five years	4,720,190	551,365	389,242
- Over five years	36,291	6,635	4,873
Other commitments, such as formal standby facilities and			
credit lines, with an original maturity of over one year	100,000	50,000	50,000
Other commitments, such as formal standby facilities and			
credit lines, with an original maturity of up to one year	1,245,630	58,129	58,129
Any commitments that are unconditionally cancelled at any			
time without prior notice	3,653,398		_
Total	15,327,877	962,494	715,658
	_		_
2020			
Direct credit substitutes	36,157	36,157	29,766
Transaction related contingent items	80,667	40,333	35,497
Short-term self-liquidating trade related contingencies	9,574	1,915	1,915
Foreign exchange related contracts			
- One year or less	2,004,631	48,357	20,557
- Over one year to five years	144,555	11,902	9,876
Interest related contracts			
- One year or less	3,630,854	165,621	92,151
- Over one year to five years	4,894,057	586,088	407,071
- Over five years	46,100	8,899	6,260
Other commitments, such as formal standby facilities and			
credit lines, with an original maturity of over one year	35,000	17,500	17,500
Any commitments that are unconditionally cancelled at any			
time without prior notice	2,917,890		
Total	13,799,485	916,772	620,593
•			

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

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

## 6.4 Credit risk mitigation ("CRM")

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

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

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

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

	Total exposures before CRM RM'000	Total exposures covered by guarantees RM'000	Total exposures covered by financial collaterals RM'000	Total exposures covered by other eligible collaterals RM'000
2021				
Credit risk				
On-balance sheet exposures:				
Sovereigns/central banks	1,298,696	-	-	-
Banks, development financial				
Institutions and MDBs	2,670,849	-	1,613,278	-
Corporates	7,399,258	-	2,737,435	-
Other assets	27,935			
Total on-balance sheet exposures	11,396,738		4,350,713	
Off-Balance Sheet Exposures: Over-the-counter ("OTC") derivatives Off balance sheet exposures other than	764,029	-	190,997	-
OTC derivatives or credit derivatives	198,465	-	-	-
Total off-balance sheet exposures	962,494		190,997	
Total on and off balance sheet exposures	12,359,232	-	4,541,710	

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

## 6.4 Credit risk mitigation ("CRM") (continued)

	Total exposures before CRM RM'000	Total exposures covered by guarantees RM'000	Total exposures covered by financial collaterals RM'000	Total exposures covered by other eligible collaterals RM'000
2020				
Credit risk				
On-balance sheet exposures:				
Sovereigns/central banks	1,338,653	-	-	-
Banks, development financial				
Institutions and MDBs	4,083,445	-	1,937,590	-
Corporates	7,755,711	-	5,426,397	-
Other assets	24,511			
Total on-balance sheet exposures	13,202,320		7,363,987	
Off-Balance Sheet Exposures: Over-the-counter ("OTC") derivatives	820,867	-	139,016	-
Off balance sheet exposures other than OTC derivatives or credit derivatives	95,905	_	_	-
Total off-balance sheet exposures	916,772		139,016	
Total on and off balance sheet exposures	14,119,092		7,503,003	

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

#### 6.5 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:

- (a) Standard & Poor's Rating Services ("S&P")
- (b) Moody's Investors Service ("Moody's")
- (c) Fitch Ratings ("Fitch")
- (d) RAM Rating Services Berhad ("RAM")
- (e) Malaysian Rating Corporation Berhad ("MARC")
- (f) 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:

- (a) Sovereigns and Central Bank
- (b) Banking Institutions
- (c) Corporates

#### Rated and Unrated Counterparties

In general, the issue rating i.e. the rating specific to the credit exposure is used. When there is no specific rating available, the credit rating assigned to the issuer or counterparty of the particular credit exposure is used. In cases where an exposure has neither an issue or issuer rating, it is deemed as unrated.

Where a counterparty or an exposure is rated by more than one ECAI, all available external ratings of the counterparty will be captured and the following rules will 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 the capital adequacy calculation purposes.

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

### 6.5 Assignment of risk weights for portfolios under the standardised approach (continued)

## (i) Credit risk disclosures on risk weights

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

Risk weights	Sovereigns/ central banks	xposures after N  Banks,  Development  Financial  Institutions &  MDBs  RM'000	Corporates RM'000	Other Assets RM'000	Total Exposures after Netting and Credit Risk Mitigation RM'000	Total Risk- Weighted Assets RM'000
2021						
0%	1,298,696	331,798	1,311,643	41	2,942,178	-
20%	-	616,834	-	-	616,834	123,366
50%	-	497,907	-	-	497,907	248,954
100%		_	3,923,706	27,894	3,951,600	3,951,600
	1,298,696	1,446,539	5,235,349	27,935	8,008,519	4,323,920
2020						
0%	1,338,653	1,589	658,411	29	1,998,682	_
20%	-	1,618,047	-	-	1,618,047	323,609
50%	-	852,413	-	-	852,413	426,207
100%			2,122,465	24,482	2,146,947	2,146,947
	1,338,653	2,472,049	2,780,876	24,511	6,616,089	2,896,763

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

### 6.5 Assignment of risk weights for portfolios under the standardised approach (continued)

(ii) Rated exposures by External Credit Assessment Institutions ("ECAI")

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

## On and off-balance sheet exposures

		Ratings of Sovereigns and Central Banks by Approved ECAIs						
Evmoguno	Moody's	Aaa to Aa3	A1 to A3	Baa1 to Baa3	Ba1 to B3	Caa1 to C	Unrated	
Exposure Class	S&P	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	CCC+ to D	Unrated	
Class	Fitch	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	CCC+ to D	Unrated	
	R&I	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	CCC+ to C	Unrated	

	RM'000	RM'000	RM'000	RM'000	RM'000	RM'000
2021 Sovereigns and						
central banks	1,298,696	-	-	-	-	
Total	1,298,696	-	-	-	-	-
2020 Sovereigns and central banks	1,338,653	-	-	-	-	<u>-</u>
Total	1,338,653	-	-	-	-	

	Ratings of Banking Institutions by Approved ECAIs							
	Moody's	Aaa to Aa3	A1 to A3	Baa1 to Baa3	Ba1 to B3	Caa1 to C	Unrated	
Ermoguno	S&P	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	CCC+ to D	Unrated	
Exposure Class	Fitch	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	CCC+ to D	Unrated	
Class	RAM	AAA to AA3	A1 to A3	BBB1 to BBB3	BB1 to B3	C1 to D	Unrated	
	MARC	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	C+ to D	Unrated	
	R&I	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	CCC+ to C	Unrated	

RM'000	RM'000	RM'000	RM'000	RM'000	RM'000
948,632	497,907	-	-	-	-
948,632	497,907	-	-	-	-
1,619,636	852,413	-	-	-	-
1,619,636	852,413		-	-	-
	948,632 948,632 1,619,636	948,632 497,907 948,632 497,907 1,619,636 852,413	948,632 497,907 - 948,632 497,907 - 1,619,636 852,413 -	948,632 497,907	948,632 497,907 1,619,636 852,413

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

## 6.5 Assignment of risk weights for portfolios under the standardised approach (continued)

(ii) Rated exposures by External Credit Assessment Institutions ("ECAI") (continued)

On and off-balance sheet exposures (continued)

		Ratings of Corporate by Approved ECAIs							
	Moody's	Aaa to Aa3	A1 to A3	Baa1 to Ba3	B1 to C	Unrated			
Evnoguno	S&P	AAA to AA-	A+ to A-	BBB+ to BB-	B+ to D	Unrated			
Exposure Class	Fitch	AAA to AA-	A+ to A-	BBB+ to BB-	B+ to D	Unrated			
Class	RAM	AAA to AA3	A1 to A3	BBB1 to BB3	B1 to D	Unrated			
	MARC	AAA to AA-	A+ to A-	BBB+ to BB-	B+ to D	Unrated			
	R&I	AAA to AA-	A+ to A-	BBB+ to BB-	B+ to D	Unrated			

	RM'000	RM'000	RM'000	RM'000	RM'000
2021					
Corporates	1,311,643	-	-	-	3,923,706
Total	1,311,643	-	-	-	3,923,706
2020					
Corporates	658,411	-	-	-	2,122,465
Total	658,411	-	-	-	2,122,465

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

#### 7.0 Market risk

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

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

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

RMD controls the exposure by setting the limits which is in accordance to Parent Bank. RMD monitors the exposures through Interest Rate 10 Basic Point Value ("BPV"), Foreign Exchange Position Limit, Foreign Exchange Positions 1BPV and Loss Cut Limit.

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

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

#### Interest/Profit Rate Risk

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

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

#### 7.0 Market risk (continued)

#### Foreign Exchange Risk

Foreign exchange risk arises as a result of the movements in currencies, which affects the Bank's profit and capital from the open position in foreign currencies. Currently the Bank is allowed to take position in its foreign exchange ("FX") activity. The Bank employs a robust foreign exchange risk measure as below:

- FX BOE: to monitor the open position for each currency and overall position using Bank of England method.
- FX1BPV: to measure the change in present value with a rise of 1 basis points in FX yield. It is monitored by currency and tenor.
- FX MTM P/L (Loss Cut): to calculate MTM profit/loss within a specified period, i.e. daily, monthly and termly, and confirm not to breach the loss cut limits.

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

## 7.0 Market risk (continued)

The following tables present the minimum disclosure on regulatory capital requirements on market risk:

2021	Long Position RM'000	Short Position RM'000	Risk- Weighted Assets RM'000	Minimum Capital Requirements at 8% RM'000
Interest rate risk	7,871,687	7,849,570	89,956	7,196
Foreign currency risk	21,389	-	267,363	21,389
	7,893,076	7,849,570	357,319	28,585
	Long	Short	Risk- Weighted	Minimum Capital Requirements
2020	Position RM'000	Position RM'000	Assets RM'000	at 8% RM'000
2020				
2020 Interest rate risk				
	RM'000	RM'000	RM'000	RM'000

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

### 8.0 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 any 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 and downward interest rate shock on the Bank's earnings and economic value.

	2021		202	0
	- 100 bps	+ 100 bps	- 100 bps	+ 100 bps
	RM'000	RM'000	RM'000	RM'000
Impact on net interest income				
Ringgit Malaysia	(5,219)	5,219	(6,378)	6,378
United States Dollar	1,479	(1,479)	228	(228)
Japanese Yen	97	(97)	(19)	19
Others	53	(53)	139	(139)
Total	(3,590)	3,590	(6,030)	6,030
Impact on economic value				
Ringgit Malaysia	(20,063)	20,063	(6,308)	6,308
United States Dollar	560	(560)	1,926	(1,926)
Japanese Yen	1,142	(1,142)	1,274	(1,274)
Others	245	(245)	252	(252)
Total	(18,116)	18,116	(2,856)	2,856

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

### 9.0 Liquidity Risk

Liquidity risk is the risk that the Bank will be unable to secure necessary funding due to deteriorating financial condition or a similar reason, and will therefore be unable to meet cash flow requirements, or that it will suffer a loss because it is compelled to pay interest/profit rates significantly higher than normal rates to secure funding. The Bank employs a robust liquidity risk measurement as follows:

- Maturity Ladder/Funding Gap: used to measure the maximum amount in funding gap between assets and liabilities for overnight, 1 week and 1 month tenure.
- Liquidity Coverage Ratio ("LCR"): to ensure that the Bank holds sufficient high-quality liquid assets ("HQLA") to withstand an acute liquidity stress scenario over a 30-day horizon.
- Net Stable Funding Ratio ("NSFR"): the ratio between the amount of stable funding available and the amount of stable funding required, to ensure the bank maintains a stable funding profile to support its assets and off-balance sheet activities.
- Parent Bank Liquidity Stress Test: used to measure and analyse the impact of cashflows on a Group combined basis under liquidity stress conditions.

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

#### 10.0 Operational Risk

The Bank defines operational risk as the risk of loss that it may incur resulting from inadequate or failed internal processes, people and systems, or from external events.

#### (i) Internal Process

resulting from inadequate/failure of business processes or transactions process flows. Well-controlled and organised processes are essential.

#### (ii) People

resulting from staff defaulting in expected behaviour or the Bank being ineffective/inefficient in the management of its human capital.

#### (iii) Systems

which arising from system downtime or delays in available data, inadequate integrity between old and new software, and incapability of hardware to fulfil business requirements.

#### (iv) External Events

risk of events and actions from outside (beyond organisation's immediate control) which bring negative impact on the Bank.

As part of initiatives to improve operational risk management, "Control Self-Assessments" ("CSAs"), is implemented every six months to all departments to identify inherent risks and control gaps in the operations within the department. Key Risk Indicator ("KRI") is a statistics or metrics that provide insight into Bank's risk position and reflects the potential sources of Operational Risk from a forward looking perspective, monitored on monthly basis.

Company No. 201001039768 (923693-H) (Incorporated in Malaysia)

## PILLAR 3 DISCLOSURE FOR THE FINANCIAL YEAR ENDED 31 MARCH 2021

#### CHIEF EXECUTIVE OFFICER ATTESTATION

In accordance with Bank Negara Malaysia's Risk Weighted Capital Adequacy Framework (Basel II) – Disclosure Requirements (Pillar 3), I hereby attest that to the best of my knowledge, the disclosures contained in Mizuho Bank (Malaysia) Berhad's Pillar 3 Disclosure report for the financial year ended 31 March 2021 are consistent with the manner the Bank assesses and manages its risk, accurate, complete and not misleading in any particular way.

Katsutoshi Toba Chief Executive Officer

Date: 29 June 2021