

# **BANGKOK BANK BERHAD**

(Company No. 299740-W)

Risk Weighted Capital Adequacy
Framework (BASEL II)
- Pillar 3 Disclosure
As at 30 June 2011



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#### 1. Introduction

Bangkok Bank Berhad (The Bank) realizes that effective risk management and good corporate governance are essential to the Bank's stability and sustainable credibility. The Bank therefore places great emphasis on continually improving its risk management processes to ensure that at all times its capital reserves are sufficient to support its operations and absorb potential losses from the risks it is taking.

Recognizing that the effectiveness of the Bank's risk management can be improved and further enhanced through improved market discipline, the Bank discloses information on its capital, risk exposures, risk assessment processes, and capital adequacy, consistent with international standards and in accordance with the Bank Negara Malaysia's (BNM's) disclosure requirements.

The Bank believes that transparent disclosure will not only serve the market participants to assess the Bank's risks but also demonstrate the Bank's commitment to its stakeholders by continuously promoting safety and soundness of the Bank's operations.

The Bank shall make full disclosure as per BNM's requirements on an annual and semi-annual basis except for certain disclosures which are allowed to be excluded, all qualitative disclosures shall be made on an annual basis except there are material changes in the interim reporting period.

This is the Bank's first disclosure, in accordance with market discipline, includes both qualitative and quantitative information, and are available on the Bank's website under <a href="www.bangkokbank.com.my">www.bangkokbank.com.my</a>

## 2. Scope of Application

Bangkok Bank Berhad, a locally-incorporated foreign bank wholly owned by Bangkok Bank Public Company Limited, discloses its capital information on a solo basis. The Bank does not offer Islamic financial services nor is involved in Islamic banking operations.

The Bank's subsidiary, BBL Nominees (Tempatan) Sdn Bhd is not involved in banking operations and is of an immaterial size relative to the Bank. Therefore, no separate Group capital adequacy ratios for the purpose of consolidation is prepared for regulatory reporting.

# 3. Capital

## 3.1 Capital Structure

The Bank's capital structure, according to the BNM's Basel II guidelines, consists of Tier 1 and Tier 2 capital. Tier 1 capital comprises paid-up share capital, statutory reserves, retained profits, and other amounts deducted from Tier 1 capital. The Bank's Tier 2 capital consists of collective assessment allowance.



As at 30 June 2011 and 31 December 2010, the Bank's capital funds according to the BNM's Risk Weighted Capital Adequacy Framework (RWCAF) Basel II are as follows:

Table 1: The Bank's Capital Funds under RWCAF Basel II

		RM'000
	30 June 2011	31 December 2010
1. Tier 1 Capital		
1.1 Paid-up share capital	265,000	265,000
1.2 Statutory reserve	123,962	123,962
1.3 Retained profits	18,737	10,420
1.4 Deferred tax assets	(6,682)	(6,274)
Total Tier 1 Capital	401,017	393,108
2. Tier 2 Capital		
2.1 General allowance for bad and doubtful debts and financing	26,248	24,208
Total Tier 2 Capital	26,248	24,208
3. Total Capital	427,265	417,316
3.1 Investment in subsidiary	(10)	(10)
Capital Fund	427,255	417,306

# 3.2 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 regulatory requirements and market expectations.

The Bank's capital management process involves a careful analysis of the capital requirement to support business growth and the source of capital, both from financial performance as well as external funding sources, if necessary. The Bank regularly assesses its capital adequacy for the purpose of capital planning and management to ensure that the capital is at the level suitable for the prevailing business conditions.

Following the Basel II guidelines on minimum capital requirement, the Bank adopts the Standardized Approach (SA) in computing credit risk and market risk, while adopting Basic Indicator Approach (BIA) for operational risk.



As at 30 June 2011 and 31 December 2010, the Bank's capital requirements for each type of risks and capital adequacy ratios, in accordance with the BNM's Basel II guidelines, are as follows:

Table 2: Capital requirements for each type of risks classified by asset types under Basel II

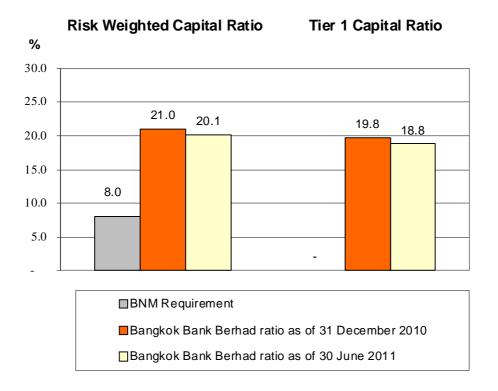
					RM'000
<b>Exposure Class</b>		Gross Exposures	Net Exposures	Risk Weighted Assets	Capital Requirement
30 June 2011					
Credit Risk					
On-Balance Sheet Exposures					
- Sovereigns/Central Banks		691,608	691,608	-	-
- Banks, Development Financial Institutions & MDBs		82,741	82,741	17,810	1,425
- Corporates,		1,823,876	1,823,876	1,687,796	135,024
- Regulatory Retail		581	581	389	31
- Residential Mortgages		5,859	5,859	2,452	196
- Higher Risk Assets		-	-	-	-
- Other Assets		73,701	73,701	68,671	5,494
- Equity Exposures		872	872	341	27
- Defaulted Exposures	_	12,866	12,866	12,355	988
Total for On-Balance Sheet Exposures	_	2,692,104	2,692,104	1,789,814	143,185
- OTC Derivatives		6,770	6,770	3,939	315
- Credit Derivatives		-	-	-	-
- Off-Balance Sheet Exposures other than OTC or Credit Derivatives		231,373	231,373	226,290	18,103
- Defaulted Exposures		2,738	2,738	4,106	328
Total for Off-Balance Sheet Exposures	_	240,881	240,881	234,335	18,747
Total for On & Off-Balance Sheet Exposures	_	2,932,985	2,932,985	2,024,149	161,932
	Long Position	Short Position			
Market Risk					
Interest Rate Risk	433,120	433,519	-399	9,804	784
Foreign Currency Risk	9,481	5,018	4,463	4,463	357
Operational Risk				92,386	7,391
<b>Total Risk Weighted Assets</b>				2,130,802	170,464



					RM'000
Exposure Class		Gross Exposures	Net Exposures	Risk Weighted Assets	Capital Requirement
31 December 2010					
Credit Risk					
On-Balance Sheet Exposures					
- Sovereigns/Central Banks		584,935	584,935	-	-
- Banks, Development Financial Institutions & MDBs		188,851	188,851	38,862	3,109
- Corporates,		1,678,042	1,678,042	1,544,262	123,541
- Regulatory Retail		736	736	502	40
- Residential Mortgages		5,964	5,964	2,510	201
- Higher Risk Assets		-	-	-	-
- Other Assets		26,915	26,915	23,974	1,918
- Equity Exposures		872	872	341	27
- Defaulted Exposures	_	15,545	15,545	18,277	1,462
Total for On-Balance Sheet Exposures	_	2,501,860	2,501,860	1,628,728	130,298
- OTC Derivatives		-	-	-	-
- Credit Derivatives		-	-	-	-
<ul> <li>Off-Balance Sheet Exposures other than OTC or Credit Derivatives</li> </ul>		269,099	269,099	261,993	20,959
- Defaulted Exposures	_	2,735	2,735	4,103	328
Total for Off-Balance Sheet Exposures	_	271,834	271,834	266,096	21,288
Total for On & Off-Balance Sheet Exposures	_	2,773,694	2,773,694	1,894,824	151,586
	Long Position	Short Position			
Market Risk					
Interest Rate Risk	197,787	197,033	754	1,073	86
Foreign Currency Risk	39,026	35,946	3,080	3,080	246
Operational Risk				90,854	7,268
<b>Total Risk Weighted Assets</b>				1,989,831	159,186



The Bank complies with BNM's Risk Weighted Capital Ratio (RWCR) requirement of 8%. As at 30 June 2011, the Bank's RWCR was 20.1%. This ratio decreased from 31 December 2010 – 21.0% and exceeded the BNM's minimum requirements. Tier 1 capital ratio was 18.8% at end June 2011 compared to 19.8% at end December 2010.



# 4. Information Related to the Bank's Risks

Bangkok Bank Berhad recognizes that the operations of the Bank could be affected by certain risk factors. The Bank has continuously analyzed major risk factors which could affect its financial operations and reshaped its organizational structure and risk management processes. This is to ensure that its risk management system is in line with international standards and is in accordance with the guidelines under the principles of Basel II.

The Bank's Risk Management Committee plays a significant role in prescribing the risk management policy, reviewing the sufficiency of the risk management policy and system, defining the strategy for risk management, and monitoring the Bank's risk to an appropriate level, in compliance with the Bank's risk management policy which has been approved by the Board of Directors based on the Risk Management Committee's recommendation. The objectives are to manage the relevant risks within designated boundaries, in particular the maintenance of capital in accordance with the revised capital adequacy requirements under the Basel II guidelines which have been in effect since the end of 2008, and to achieve an appropriate rate of return.

Important processes in the risk management system comprise the identification of significant risks which may potentially impact the Bank's business operations, the assessment of each type of risk, the monitoring of risks to an appropriate level under the Bank's policy, and the reporting of the status of each type of risk to relevant parties so as to enable them to manage and/or handle the risks in a timely manner.



A key principle of the risk management system is that business units shall be responsible for continuously managing their risk exposures in order to ensure that the risk is within the specified limits and in compliance with the overall risk management policy approved by the Board of Directors, while the Risk Management Department is responsible for monitoring and controlling the risks on a regular basis. The Bank's Audit and Control Department is responsible for auditing the operation of Risk Management Department as well as any other departments related to particular risk types to assess the effectiveness, sufficiency, and appropriateness of the internal control systems.

Preparatory work is in progress with regards to internal capital adequacy assessment process.

The Bank's guidelines for the management of credit risk, market risk and operational risk are as follows:

#### 4.1 Credit Risk

Credit Risk is the risk that arises from the inability of the borrowers or counterparties to perform their obligations under contractual agreements in relation to the Bank's lending, investment and other contractual commitments, for example, the borrowers' failure to repay principal and/or interest as agreed with the Bank, etc.

#### 4.1.1 Credit Risk (General Disclosures)

## **Credit Risk Management**

The Bank has specified the processes for credit approval which include the formulation of credit policy, the credit risk rating for customers, and the establishment of different levels of delegation of authority for credit approval depending upon the type of business and/or the size of the credit line. In considering the approval of loans in general, the Bank considers the purpose of the loan and assesses the repayment ability of the applicant; taking into account the applicant's operating cash flows, business feasibility and the capability of management, as well as collateral coverage. The Bank also performs credit reviews which include reviewing credit risk rating levels on a regular basis. The Bank has therefore set up the following units to monitor and manage the relevant risks.

- Credit Policy Function/Unit oversees the credit policy framework and coordinates the
  improvement and adjustment of the credit policy. It is also responsible for disseminating the
  credit policy, credit standards and credit processes; for monitoring and overseeing exceptional
  cases which are inconsistent with the credit policy; and for gathering various inputs which may be
  used for improving the credit policy.
- Credit Acceptance Function/Unit oversees the quality of credit extensions to ensure they are in line with the credit policy and credit underwriting standards, reviews the appropriateness of loan structures as well as the results of customers' credit risk ratings, promotes the development of a good credit culture, and maintains a systematic and reliable credit extension process.



- Portfolio Management Function/Unit is responsible for analyzing and making recommendations
  for adjustments to the portfolio structure, recommending the appropriate portfolio composition
  and the provision of reserves for losses at the portfolio level, developing and overseeing credit
  risk management tools and methodologies, constructing credit databases and overseeing related
  management standards.
- Special Asset Management Function/Unit is responsible for managing non-performing loans, and for determining and executing strategies for the resolution and restructuring of troubled loans.

All the functions/units specified are responsible for monitoring, reporting and ensuring that they operate in accordance with the Bank's risk management policy. Normally a credit application is submitted to the Credit Acceptance Function/Unit to analyze and ensure that the proposals comply with the Bank's credit policies in areas such as credit underwriting standards, credit risk rating, and collateral evaluation, in order to manage credit risk. In handling non-performing loans, the Bank has established a specific unit to monitor and resolve such loans. The Bank also has an independent function/unit to review credit quality and credit management processes; assess the adequacy of reserves to absorb loan losses for non-performing loans; evaluate effectiveness in complying with credit policy, regulations and credit underwriting standards; and assess the appropriateness of portfolio composition, the adequacy of capital and the effectiveness in stress testing as specified by the BNM. All the functions/units involved in the procedures mentioned are responsible for reporting the operating results to the Board of Directors and the Risk Management Committee on a regular basis.

In addition, the Bank imposes limits to control credit risk. The Bank's limit is determined by the sum of the total amount of credits granted, investments, and contingent liabilities undertaken with borrowers or groups of debtors. The limit specified is to limit the loss of the Bank's capital when the economic recession or other factors impact negatively on a business or a group of businesses. For risk control purposes, the Bank has specified limits in various areas such as large borrower concentrations and country concentrations. With such limits, the Bank can be certain that it will have adequate capital to ensure the continuity of its business operations even in difficult times.

#### **Classification and Impairment of Assets**

The Bank's classification of impairment of assets is in line with BNM's Guidelines on Classification and Impairment Provisions for Loans/Financing:

- i. Where the principal or interest or both is past due for more than 90 days or 3 months;
- ii. In the case of revolving facilities, the facility shall be classified as impaired where the outstanding amount has remained in excess of the approved limit of more than 90 days or 3 months;
- iii. Where repayments are scheduled on intervals of 3 months or longer, as soon as a default occurs;
- iv. For rescheduled and restructured facilities, the account shall be classified as impaired in accordance with paragraph i, ii, and iii above based on the rescheduled and restructured terms;



v. Subject to Loan Committee, a loan is classified as impaired if review on the said loan, triggered by credit event or detection of weaknesses, warrants classification of such, for example, breach of loan covenants, cross default, etc.

Notwithstanding the strong loan growth, the Bank asset quality continued to improve in 2011 reflecting the Bank's prudent credit policies, practices and proactive credit risk management. The Bank net NPL ratio was 0.8% as at 30 June 2011 (31 December 2010: 1.0%) and against banking industry net NPL ratio of 2.1% as at 31 May 2011.

Special attention is paid to problem exposures, which are subject to more frequent and intensive review and reporting, in order to accelerate remedial action. The Bank has established a specialist unit to provide support to customers to help them to avoid loan default wherever possible.

The following tables present the Bank's quantitative information related to credit risk:

Table 3: Geographic Distribution of Gross Credit Exposures

					RM'000
<b>Exposure Class</b>	Malaysia	Thailand	USA	Others	Total
30 June 2011					
Sovereigns/Central Banks	691,608	-	-	-	691,608
Banks, Development Financial Institutions & MDBs	77,667	2,177	3,211	7,036	90,091
Corporates	2,050,779	1,886	-	260	2,052,925
Regulatory Retail	2,325	-	-	-	2,325
Residential Mortgages	5,859	-	-	-	5,859
Higher Risk Assets	-	-	-	-	-
Other Assets	73,701	-	-	-	73,701
Equity Exposures	872	-	-	-	872
Defaulted Exposures	15,604	-	-	-	15,604
<b>Total Credit Exposures</b>	2,918,415	4,063	3,211	7,296	2,932,985



					RM'000
Exposure Class	Malaysia	Thailand	USA	Others	Total
31 December 2010					
Sovereigns/Central Banks	584,935	-	-	-	584,935
Banks, Development Financial Institutions & MDBs	178,411	1,882	7,245	6,398	193,936
Corporates	1,936,687	2,528	-	339	1,939,554
Regulatory Retail	3,236	-	-	-	3,236
Residential Mortgages	5,964	-	-	-	5,964
Higher Risk Assets	-	-	-	-	-
Other Assets	26,915	-	-	-	26,915
Equity Exposures	872	-	-	-	872
Defaulted Exposures	18,282	-	-	-	18,282
Total Credit Exposures	2,755,302	4,410	7,245	6,737	2,773,694

 $<sup>^{\</sup>ast}$  The Bank's country risk management based on customer's country of residence



 Table 4: Distribution of Gross Credit Exposures by Sector

												RM'000
Exposure Class	Government	Individuals	Primary Agriculture	Manufacturing	Electricity, Gas and Water Supply	Construction	Wholesale & Retails	Real Estate	Finance, Insurance & Business Services	Transport , Storage & Telecomm	Others	Total
As at 30 June 2011												
Sovereigns/Central Banks	691,608	-	-	-	-	-	-	-	-	-	-	691,608
Banks, Development Financial Institutions & MDBs	-	-	-	-	-	-	-	-	90,091	-	-	90,091
Corporates	-	5,126	212,313	743,354	55,696	157,332	369,105	181,404	298,806	26,537	3,252	2,052,925
Regulatory Retail	-	333	-	-	-	-	1,364	515	-	-	113	2,325
Residential Mortgages	-	5,859	-	-	-	-	-	-	-	-	-	5,859
Higher Risk Assets	-	-	-	-	-	-	-	-	-	-	-	-
Other Assets	-	-	-	-	-	-	-	-	16,272	-	57,429	73,701
Equity Exposures	-	-	-	-	-	-	-	-	872	-	-	872
Defaulted Exposures	-	2,350	-	7,935	-	-	-	-	5,319	-	-	15,604
<b>Total Credit Exposures</b>	691,608	13,668	212,313	751,289	55,696	157,332	370,469	181,919	411,360	26,537	60,794	2,932,985



												RM'000
Exposure Class	Government	Individuals	Primary Agriculture	Manufacturing	Electricity, Gas and Water Supply	Construction	Wholesale & Retails	Real Estate	Finance, Insurance & Business Services	Transport , Storage & Telecomm	Others	Total
As at 31 December 2010												
Sovereigns/Central Banks	584,935	-	-	-	-	-	-	-	-	-	-	584,935
Banks, Development Financial Institutions & MDBs	-	-	-	-	-	-	-	-	193,936	-	-	193,936
Corporates	-	1,732	160,782	748,174	56,040	186,828	370,584	119,198	267,580	26,235	2,401	1,939,554
Regulatory Retail	-	1,011	-	890	-	-	1,197	28	-	-	110	3,236
Residential Mortgages	-	5,964	-	-	-	-	-	-	-	-	-	5,964
Higher Risk Assets	-	-	-	-	-	-	-	-	-	-	-	-
Other Assets	-	-	-	-	-	-	-	-	5,768	-	21,147	26,915
Equity Exposures	-	-	-	-	-	-	-	-	872	-	-	872
Defaulted Exposures	-	2,792	-	8,355	-	-	1,788	-	5,347	-	-	18,282
<b>Total Credit Exposures</b>	584,935	11,499	160,782	757,419	56,040	186,828	373,569	119,226	473,503	26,235	23,658	2,773,694



Table 5: Residual Contractual Maturity of Gross Credit Exposures

				RM'000
<b>Exposure Class</b>	One year or less	One to five years	More than five years	Total
30 June 2011				
Sovereigns/Central Banks	635,022	56,586	-	691,608
Banks, Development Financial Institutions & MDBs	89,315	776	-	90,091
Corporates	1,630,602	333,574	88,749	2,052,925
Regulatory Retail	2,150	-	175	2,325
Residential Mortgages	5,212	33	614	5,859
Higher Risk Assets	-	-	-	-
Other Assets	16,272	-	57,429	73,701
Equity Exposures	872	-	-	872
Defaulted Exposures	15,604	-	-	15,604
<b>Total Credit Exposures</b>	2,395,049	390,969	146,967	2,932,985

				RM'000
Exposure Class	One year or less	One to five years	More than five years	Total
31 December 2010				
Sovereigns/Central Banks	427,135	157,800	-	584,935
Banks, Development Financial Institutions & MDBs	193,897	39	-	193,936
Corporates	1,514,696	342,832	82,026	1,939,554
Regulatory Retail	3,039	28	169	3,236
Residential Mortgages	5,041	39	884	5,964
Higher Risk Assets	-	-	-	-
Other Assets	5,768	-	21,147	26,915
Equity Exposures	872	-	-	872
Defaulted Exposures	18,282	-	<u>-</u>	18,282
<b>Total Credit Exposures</b>	2,168,730	500,738	104,226	2,773,694



Table 6: Impaired Loans, Collective Impairment Allowance, Individual Impairment Allowance and Write Offs Classified by Economic Purpose.

				RM'000				
	30 June 2011							
Economic Purpose	Impaired Loans	Collective Impairment	Individual Impairment	Bad debt				
- Purchase of Securities	-	60	-	- written on				
- Purchase of Transport Vehicles	-	6	-	-				
- Purchase of Residential Properties	3,066	137	716	-				
- Purchase of Non-Residential Properties	-	1,083	-	-				
- Purchased of Fixed Assets Other Than Land and Building	-	417	-	-				
- Personal Use	-	55	-	-				
- Construction	-	784	-	-				
- Working Capital	50,950	23,330	39,606	-				
- Others	2,997	560	3,824	-				
Total	57,013	26,432	44,146	-				

				RM'000				
	31 December 2010							
Economic Purpose	Impaired Loans	Collective Impairment	Individual Impairment	Bad debt written off				
- Purchase of Securities	-	170	-	-				
- Purchase of Transport Vehicles	-	21	-	-				
- Purchase of Residential Properties	3,504	148	714	7				
- Purchase of Non-Residential Properties	-	1,242	-	-				
- Purchased of Fixed Assets Other Than Land and Building	-	532	-	-				
- Personal Use	-	12	-	-				
- Construction	-	882	-	-				
- Working Capital	51,797	20,918	39,050	21,827				
- Others	3,822	507	3,814	-				
Total	59,123	24,432	43,578	21,834				



Table 7: Reconciliation of Changes in the Impairment Allowance

			RM'000
Item	Collective Impairment	Individual Impairment	Total
Balance as at 1 January 2011	24,432	43,578	68,010
Impairment during the period/year	2,000	1,234	3,234
Recovered and written back	-	(666)	(666)
Written off	-	-	-
Balance as at 30 June 2011	26,432	44,146	70,578

All impaired loans, collective impairment allowance, individual impairment allowance and bad debt written off of the Bank are attributable to customers in Malaysia.

# 4.1.2 Credit Rating

Where available, the Bank uses external ratings issued by recognized external credit assessment institutions (ECAIs) such as Standard & Poor, Moody's, Fitch, RAM and MARC to determine the risk weights of its credit exposure as per the Standardised Approach.



Table 8: Disclosure on Credit Risk: Disclosure on Risk Weights under Standardised Approach

		E	xposures after N	etting and Credit Ri	sk Mitigation			Total Exposures	RM'000
Risk Weights	Sovereign / Central Bank	Banks, MDBs and FDIs	Corporates	Regulatory Retail	Residential Mortgages	Other Assets	Equity	after Netting & Credit Risk Mitigation	Total Risk Weighted Assets
As at 30 June									
2011									
0%	691,608	-	34,519	112	-	5,029	-	731,268	-
20%	-	82,073	120,792	-	-	-	664	203,529	40,706
35%	-	-	-	-	3,185	-	-	3,185	1,115
50%	-	8,018	20,887	-	3,135	-	-	32,040	16,020
75%	-	-	-	2,213	-	-	-	2,213	1,660
100%	-	-	1,882,348	-	1,726	68,672	208	1,952,954	1,952,954
150%	-	-	7,633	163	-	-	-	7,796	11,694
Average Risk Weight								2,932,985	2,024,149
Deduction from Capital Base	-	-	-	-	-	-	-	-	



									RM'000
		E	xposures after Ne	etting and Credit Ris	sk Mitigation			Total Exposures	
Risk Weights	Sovereign / Central Bank	Banks, MDBs and FDIs	Corporates	Regulatory Retail	Residential Mortgages	Other Assets	Equity	after Netting & Credit Risk Mitigation	Total Risk Weighted Assets
As at 31									
December 2010									
0%	584,935	-	30,458	117	-	2,940	-	618,450	-
20%	-	186,657	120,752	-	-	-	664	308,073	61,615
35%	-	-	-	-	3,144	-	-	3,144	1,100
50%	-	7,279	21,625	-	2,820	-	-	31,724	15,862
75%	-	-	-	3,119	-	-	-	3,119	2,339
100%	-	-	1,772,922	-	2,631	23,975	208	1,799,736	1,799,736
150%	-	-	9,448	-	-	-	-	9,448	14,172
Average Risk Weight								2,773,694	1,894,824
Deduction from Capital Base	-	-	-	-	-	-	-	-	



Table 9: Disclosure on Rated and Unrated Exposures according to Ratings by ECAIs

Position as at 30 June 2011

			Ratings of Corpo	orate by Approved ECA	AIs	
	Moodys	Aaa to Aa3	A1 to A3	Baa1to Ba3	B1 to C	Unrated
Exposure Class	S&P	AAA to AA-	A+ to A-	BBB+ to BB-	B+ to D	Unrated
	Fitch	AAA to AA-	A+ to A-	BBB+ to BB-	B+ to D	Unrated
	RAM	AAA to AA3	A to A3	BBB1 to BB3	B to D	Unrated
	MARC	AAA to AA-	A+ to A-	BBB+ to BB-	B+ to D	Unrated
On and Off Balance Sheet Exposures						
Credit Exposure (using Corporate Risk Weights)						
Corporate		120,792	15,266	1,885	-	1,928,236
Equity		123	-	-	-	749
Total		120,915	15,266	1,885	-	1,928,985

	Ratings of Sovereigns and Central Banks by Approved ECAIs								
Exposure Class	Moodys	Aaa to Aa3	A1 to A3	Baa1to Baa3	Ba1 to B3	Caa1 to C	Unrated		
	S&P	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	CCC+ to D	Unrated		
	Fitch	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	CCC+ to D	Unrated		
On and Off Balance Sheet Exposures									
Sovereigns / Central Banks		-	691,608	-	-	-	-		
Total		-	691,608	-	-	=	-		

	Ratings of Banking Institutions by Approved ECAIs								
	Moodys	Aaa to Aa3	A1 to A3	Baa1to 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		
	Fitch	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	CCC+ to D	Unrated		
	RAM	AAA to	A1 to A3	BBB+ to BBB-	BB1 to B3	C1 to D	Unrated		
		AA3							
	MARC	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	C+ to D	Unrated		
On and Off Balance Sheet Exposures									
Banks, MDBs and FDIs		19,492	62,041	8,558	-	-	-		
Total		19,492	62,041	8,558	-	-	-		



Position as at 31 December 2010

			Ratings of Corpo	orate by Approved ECA	AIs	
	Moodys	Aaa to Aa3	A1 to A3	Baa1to Ba3	B1 to C	Unrated
Exposure Class	S&P	AAA to AA-	A+ to A-	BBB+ to BB-	B+ to D	Unrated
	Fitch	AAA to AA-	A+ to A-	BBB+ to BB-	B+ to D	Unrated
	RAM	AAA to AA3	A to A3	BBB1 to BB3	B to D	Unrated
	MARC	AAA to AA-	A+ to A-	BBB+ to BB-	B+ to D	Unrated
On and Off Balance Sheet Exposures						
Credit Exposure (using Corporate Risk Weights)						
Corporate		120,752	20,372	2,528	-	1,811,553
Equity		123	-	-	-	749
Total		120,875	20,372	2,528	-	1,812,302

	Ratings of Sovereigns and Central Banks by Approved ECAIs								
Exposure Class	Moodys	Aaa to Aa3	A1 to A3	Baa1to Baa3	Ba1 to B3	Caa1 to C	Unrated		
	S&P	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	CCC+ to D	Unrated		
	Fitch	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	CCC+ to D	Unrated		
On and Off Balance Sheet Exposures									
Sovereigns / Central Banks		-	584,935	-	-	-	-		
Total		-	584,935	-	-	-	-		

			Ratings of Bar	nking Institutions by A	pproved ECAIs		
	Moodys	Aaa to Aa3	A1 to A3	Baa1to 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
	Fitch	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	CCC+ to D	Unrated
	RAM	AAA to	A1 to A3	BBB+ to BBB-	BB1 to B3	C1 to D	Unrated
		AA3					
	MARC	AAA to AA-	A+ to A-	BBB+ to BBB-	BB+ to B-	C+ to D	Unrated
On and Off Balance Sheet Exposures							
Banks, MDBs and FDIs		7,360	145,214	22,769	-	-	18,593
Total		7,360	145,214	22,769	-	-	18,593



# 4.1.3 Credit Risk Mitigation (Disclosures under the Standardised Approach)

The Bank's policy is to mitigate credit risk which may arise when borrowers are unable or unwilling to repay loans. Prior to granting credits, the Bank shall request collateral to mitigate against potential losses. Accordingly, the Bank has set up units to verify the correctness and completeness of collateral before drawdown as well as to monitor that the conditions of the agreement are strictly complied with. Specific unit has to ensure that all documentation used in collateralized transactions and for documenting on and off-balance sheet netting must be binding on all parties and legally enforceable in all relevant jurisdictions.

As for financial collaterals such as cash, deposits, and equity securities, the Bank currently adopts the Simple Approach for credit risk mitigation specified by the BNM.



Table 10: Disclosure on Credit Risk Mitigation under Standardised Approach

			11	DM:000
Exposure Class	Exposures before CRM	Exposures Covered by Guarantees/ Credit Derivatives	Exposure Covered by Eligible Financial Collateral	RM'000  Exposure Covered by Other Eligible Collateral
30 June 2011				
Credit Risk				
On-Balance Sheet Exposures				
- Sovereigns/Central Banks	691,608			-
- Banks, Development Financial Institutions & MDBs	82,741			
- Corporates	1,823,876		- 31,813	-
- Regulatory Retail	581		- 63	-
- Residential Mortgages	5,859			-
- Higher Risk Assets	-			-
- Other Assets	73,701			-
- Equity Exposures	872			-
- Defaulted Exposures	12,866			-
Total for On-Balance Sheet Exposures	2,692,104		- 31,876	i -
Off-Balance Sheet Exposures				
- OTC Derivatives	6,770		-	
- Credit Derivatives	-			
- Off-Balance Sheet Exposures other than OTC or Credit Derivatives	231,373		- 2,755	-
- Defaulted Exposures	2,738		<u> </u>	-
Total for Off-Balance Sheet Exposures	240,881		- 2,755	-
Total for On & Off-Balance Sheet Exposures	2,932,985		- 34,631	<u>-</u>



				RM'000
Exposure Class	Exposures before CRM	Exposures Covered by Guarantees/ Credit Derivatives	Exposure Covered by Eligible Financial Collateral	Exposure Covered by Other Eligible Collateral
31 December 2010				
Credit Risk				
On-Balance Sheet Exposures				
- Sovereigns/Central Banks	584,935			-
- Banks, Development Financial Institutions & MDBs	188,851			-
- Corporates	1,674,474		- 30,458	-
- Regulatory Retail	736		- 117	-
- Residential Mortgages	8,699			-
- Higher Risk Assets	-			-
- Other Assets	26,915			-
- Equity Exposures	872			-
- Defaulted Exposures	16,378			-
Total for On-Balance Sheet Exposures	2,501,860		- 30,575	-
Off-Balance Sheet Exposures				
- OTC Derivatives	-			-
- Credit Derivatives	-			-
<ul> <li>Off-Balance Sheet Exposures other than OTC or Credit Derivatives</li> </ul>	269,099			_
- Defaulted Exposures	2,735		<u>-</u> -	-
Total for Off-Balance Sheet Exposures	271,834			-
Total for On & Off-Balance Sheet Exposures	2,773,694		- 30,575	<u> </u>



# 4.1.4 Off-Balance Sheet Exposures and Counterparty Credit Risk (CCR)

Table 11: Disclosure on Off-Balance Sheet and Counterparty Credit Risk

				RM'000
Description	Principal  Amount	Positive Fair Value of Derivative Contracts	Credit Equivalent	Risk Weighted Assets
30 June 2011				
Direct credit substitutes	668		668	173
Transaction-related contingent items	102,296		51,148	47,186
Short-term self-liquidating trade-related contingencies	35,295		7,059	6,838
Forward foreign exchange				
- less than one year	487,680	1,833	6,181	3,821
Interest/Profit Rate Contracts				
- less than one year	20,000	8	58	12
- One to five years	50,000	31	531	106
Other commitments, such as formal standby facilities and credit lines, with original				
- maturity more than one year	89		45	35
- maturity less than one year	875,959		175,192	176,164
Any commitment that are unconditionally cancelled at any time without prior notice	14,561		-	-
Total	1,586,548	1,872	240,882	234,335



				RM'000
Description	Principal Amount	Positive Fair Value of Derivative Contracts	Credit Equivalent	Risk Weighted Assets
31 December 2010				
Direct credit substitutes	15,946		15,946	15,431
Transaction-related contingent items	94,510		47,255	43,334
Short-term self-liquidating trade-related contingencies	69,056		13,811	13,627
Forward foreign exchange				
- less than one year	286,912	2,352	4,480	3,324
Other commitments, such as formal standby facilities and credit lines, with original				
- maturity more than one year	159		80	60
- maturity less than one year	951,313		190,263	191,037
Any commitment that are unconditionally cancelled at any time without prior notice	13,922		-	-
Total	1,431,818	2,352	271,835	266,813

# 4.1.5 Securitisation Disclosures under Standardised Approach

Currently, the Bank does not have any securitisation transaction.



#### 4.2 Market Risk

Market risk is the risk of losses in on- and off-balance sheet positions arising from movements in market prices such as interest rates, foreign exchange, equity prices, and commodity prices. The Bank does not take positions in equity and commodities.

#### 4.2.1 Market Risk Management

The Bank aims to manage market risk to be in line with the overall risk management policy of the Bank. In general, the Bank's policy is to manage assets and liabilities denominated in both Ringgit Malaysia and foreign currencies through the use of risk measurement and limits to optimize interest rate risk and foreign exchange risk. If the risk increases significantly, the Bank may use derivative instruments such as foreign exchange forward, foreign exchange swap or reduce the mismatches of assets and liabilities besides restructuring its assets and liabilities profile, to mitigate the risk. The Asset and Liability Management Committee (ALCO), Treasury Department and Market Risk Unit are responsible for managing and monitoring the risk, as well as proposing the enhancement of the risk management policy and/or the risk measurement and limits appropriate for the prevailing market conditions.

ALCO is responsible for establishing guidelines for the management of assets and liabilities as well as monitoring and managing interest rate risk and liquidity risk to be at an acceptable level with minimal fluctuations and in compliance with the policies set by the Risk Management Committee and the Board of Directors. ALCO operates with support mainly from the Market Risk Unit, which is responsible for identifying, assessing, monitoring, reporting and controlling the Bank's market risk.

Treasury Department manages and controls day-to-day trading of foreign currencies and manages the Bank's liquidity portfolio in line with the Bank's policy. The Treasury Department's activities are monitored by the Market Risk Unit to ensure that the risks taken are in line with the relevant monitoring references. The Market Risk Unit will report to ALCO which in turn reviews the appropriateness of risk exposures and the monitoring references on a regular basis.



#### 4.2.2 Traded Market Risk

The Bank's Traded Market Risk mainly comprises interest rate risk and foreign exchange risk.

# Risk Assessment and Monitoring for Traded Market Risk

The Bank uses a set of tools/measurements to assess market risk exposures in the trading book, including:

1. Present Value of a Basis Point (PV01)

The Present Value of a Basis Point (PV01) measures the change in value of interest rate sensitive exposures resulting from one basis point increase in interest rate.

# 2. Marked-to-Market (MTM)

Apart from the PV01 measurement, the Bank also conduct daily portfolio marked-to-market profit and loss, and monitor the portfolio size with approved limits to assess market risk exposures in the trading book.

# **Risk Control for Traded Market Risk**

Traded market risk is controlled primarily through a series of limits, which are regularly reviewed and updated by ALCO, such as PV01 Limit, Cut-Loss Limits and Portfolio Limits.

The Board of Directors approves limits at least once a year or as appropriate.

# **Capital Treatment for Traded Market Risk**

The Bank currently adopts the SA approach for the calculation of regulatory market risk capital and internally uses PV01 method to measure, monitor and control traded market risks, as mentioned in the risk assessment and monitoring.



#### 4.2.3 Equity Exposure in the Banking Book

The Bank does not take proprietary position in equity. The equity positions that the Bank has are related to equity holdings held in organizations which are set up for specific socio-economic reasons (e.g. Cagamas) and received as a result of loan restructuring or loan conversion.

Table 12: Equity Exposures in the Banking Book

		RM'000
Equity exposures	30 June 2011	31 December 2010
Equity exposures		
• Equity securities - unquoted		
- Cost value *	872	872
- Market value	-	-
Realised gains (losses) on sales of equity securities for the period/ year	-	-
Unrealized gains (losses) on revaluation from available-for- sale equity securities	-	-
Minimum capital for equity exposures under SA approach	70	70

<sup>\*</sup> Net of the impairment charges for the investment in equity securities, if any

# 4.2.4 Interest Rate Risk in the Banking Book (IRRBB)

Interest rate risk in the banking business normally arises when the repricing and/or maturity schedule of assets, liabilities, and off-balance sheet positions are not matched, and negatively affects the Bank's net interest income (NII) and/or economic value of equity (EVE).

Sources of Interest Rate Risk can be classified as follows:

- Re-pricing Risk arises from timing differences in the maturity (for fixed rate) and re-pricing period (for floating rate) of the Bank's assets, liabilities, and off-balance sheet positions. Re-pricing Risk is the primary and most material form of interest rate risk.
- Yield Curve Risk arises from changes in the shape and slope of the yield curves. In other words, it
  arises from the unparallel shift of the yield curves, including yield curve twist.
- Basis Risk arises from imperfect correlation of the reference interest rates applicable to the Bank's assets, liabilities and off-balance sheet positions.
- Embedded Option Risk arises from changes in interest rate, causing uncertainty of cash flows due to the options embedded in assets, liabilities and off-balance sheet positions, such as non-maturity deposits and prepayment of loans without penalty.



#### Risk Assessment and Monitoring for IRRBB

The Bank measures interest rate risk in the banking book by assessing the potential impact of interest rate change on NII. The NII impact is used to determine alternative balance sheet strategies that the Bank may undertake to achieve its business return targets. The Bank also assesses the potential impact on EVE which reflects the change in present value of its asset, liabilities and off-balance sheet positions when interest rates change.

The Bank employs static analysis tools to assess interest rate risk in banking book, including:

#### 1. Re-pricing Gap Analysis and Sensitivity Analysis

Re-pricing Gap Analysis is a traditional method widely used to assess the interest rate risk of current balance sheet positions. It captures re-pricing risk which is a primary form of interest rate risk, but does not capture yield curve risk, basis risk and embedded option risk.

The Bank uses re-pricing gap analysis to assess NII impact in the year ahead assuming assets, liabilities and off-balance sheet positions are static and interest rates change immediately across the curves. Re-pricing gap analysis is also used in conjunction with duration-based weights to estimate the potential impact of interest rate change on EVE.

The Bank assesses and monitors interest rate risk in its banking book through NII impact and EVE impact on a monthly basis. These impact is computed based on consolidate currency due to insignificant exposure in all foreign currencies which is less than 5% of the total exposure.

#### 2. Stress Testing

The Bank performs stress testing for interest rate risk in the banking book on a half yearly basis using static NII and EVE simulation, which takes into account only the current position, to reflect the potential impact to NII and EVE under various stress scenarios. The results of stress testing are analyzed and used by ALCO to improve the Bank's asset and liability management in order to achieve the business return target and review the change in present value of its assets, liabilities and off-balance sheet positions under the acceptable level of risk.

As at 30 June 2011 and 31 December 2010, the impact of interest rate change to NII and EVE using repricing gap analysis is as follows:

Table 13: Interest Rate Risk Impact if the yield curves parallel shift-up by 100 bps

RM'000

Interest Rate Risk Impact	30 June 2011	31 December 2010
Net Interest Income (NII)	+/-3,444	+/-3,304
Economic Value of Equity (EVE)	+/-3,063	+/-5,493



#### **Risk Control for IRRBB**

The Bank establishes a series of gapping limits by re-pricing maturity tenors for each currency to control interest rate risk. These limits are proposed by Treasury Department to ALCO for approval annually or as appropriate.

Treasury Department is responsible to manage these risks to be within the risk tolerance limit, based on Assets and Liabilities Management (ALM) policy and guidelines.

#### 4.3 Operational Risk

Operational Risk is the risk of loss from failed or inadequate internal processes, people and systems, or from external events. This includes legal risks, but does not include strategic risks and reputational risks.

The Bank understands that good operational risk management is vital to sustainable business success, particularly in the current environment of uncertainty, both domestic and international. The Bank therefore places great importance on effective operational risk management with sufficient coverage of all aspects of operations, and is well-prepared to deal promptly with any unpredictable event.

## **Operational Risk Management**

The Bank has imposed the operational risk management policy which determines the operational risk management framework consisting of risk identification, risk assessment by considering both the likelihood and the impact of such risk and the efficiency of existing risk control, risk monitoring and reporting, and risk mitigation.

The Bank's operational risk management includes defining, assessing, monitoring, mitigating and controlling risk. Every unit in the Bank is directly responsible for managing its operational risk and for establishing measures to mitigate and control risk to the designated level by allocating appropriate resources and establishing an organizational culture for managing operational risk.

The Bank has a dedicated unit for operational risk management under its Risk Management Unit which has taken steps to enhance its operational risk management system to be in line with international standards. The enhancements include monitoring and supporting every unit in implementing the operational risk management framework at the unit level, managing operational risk at the organization level, reviewing operational risk management in product and service development, calculating the capital required for operational risk in line with the Basel II framework, and maintaining and analyzing data of the operational risk loss data system.



#### **Operational Risk Assessment and Monitoring**

A key principle underlying the Bank's operational risk management is to educate staff throughout the Bank by providing them with a consistent understanding of operational risk, so that they are able to accurately and completely identify the operational risks, assess the significance of each potential risk, analyze details to find appropriate solutions to mitigate risks, and implement the selected solutions to minimize risks. This is followed by the systematic monitoring of progress, the measurement of potential risk, as well as regular reviews of the entire process.

In monitoring operational risk, the Bank will collect the operational risk loss data and a reporting procedure regarding operational risk level monitoring and operational risk management.

#### **Operational Risk Control**

An important mechanism in controlling, preventing, and mitigating operational risk is the Bank's cautious internal control which includes participation of its management, operational control in each business unit, operational control in compliance with regulations, operation in accordance with anti-money laundering measures, availability of approval process as well as the indication of operating limits appropriate to business size, business type and level of staff, verification and reconciliation, duty segregation, and reliability and security maintenance of the information technological system.

The Bank has implemented business continuity management to help minimize the impact of operational risk loss events from external factors. The Bank has adopted the business continuity management policy which was approved by the Board of Directors and has developed the business continuity plan which has been tested on a regular basis.

# The Calculation of Value Equivalent to Operational Risk-weighted Asset

The Bank currently uses Basic Indicator Approach (BIA) to calculate its value equivalent to operational risk-weighted asset. The Bank must hold capital for operational risk equal to the average over the previous three years of a fixed percentage (denoted alpha) of positive annual gross income as prescribed by the BNM.