



**PILLAR 3 – MARKET DISCLOSURE**

**BNP PARIBAS BANGKOK BRANCH**

**31 December 2021**

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**REGULATOR : Bank of Thailand**

**VALIDATION DATE : 20 Apr 2022**

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## BNP PARIBAS BANGKOK BRANCH market disclosure

### A. Scope of application

BNP Paribas considers its Group Pillar 3 communication to fully satisfy any disclosure to the Markets, especially for branches. The Group consolidated level is the most accurate one to perform analysis and should prevail to any other sub-consolidated/individual basis. Please refer to the BNP Paribas Group Pillar 3 information, under part 5 within the 2021 Registration Document <https://invest.bnpparibas/en/search/reports/documents/financial-reports>

BNP Paribas considers this chart to cover any extra disclosure that can be requested to one of its entities.

Risk-weighted assets and capital requirement of BNP Paribas Bangkok Branch as of 31 December 2021.

<i>In millions of THB</i>	RWAs		Capital requirements	
	31 December 2021	31 December 2020	31 December 2021	31 December 2020
<b>1 Credit risk</b>	38,904	33,633	4,279	3,700
2 Of which standardised approach	38,904	33,633	4,279	3,700
4 Of which advanced IRB approach				
5 Of which equity positions under the simple risk-weighted approach				
<b>6 Counterparty Credit Risk</b>	-	-	-	-
7 Of which mark-to-market				
10 Of which internal model method (IMM)				
11 Of which CCP - default fund contributions				
12 Of which CVA				
<b>14 Securitisation exposures in the banking book</b>	-	-	-	-
15 Of which IRB approach (IRB)				
16 Of which IRB supervisory formula approach (SFA)				
17 Of which internal assessment approach (IAA)				
18 Of which standardised approach				
<b>19 Market risk</b>	21,232	18,616	2,336	2,048
20 Of which standardised approach	21,232	18,616	2,336	2,048
21 Of which IMA				
<b>23 Operational risk</b>	1,978	1,976	218	217
24 Of which basic indicator approach				
25 Of which standardised approach	1,978	1,976	218	217
26 Of which advanced measurement approach (AMA)				
<b>27 Amounts below the thresholds for deduction (subject to 250% risk weight)</b>	-	-	-	-
<b>29 TOTAL</b>	<b>62,114</b>	<b>54,225</b>	<b>6,833</b>	<b>5,965</b>

This document contain Pillar 3 Disclosures of BNP Paribas Bangkok Branch ('the Branch') at 31 December 2021. The only purpose of what follows in the next pages is to meet the requirement under the Bank of Thailand ('BoT') Notifications No. SorNorSor. 14/2562 Capital disclosure for the Commercial Banks.

The BOT requires Pillar III disclosure to be reported as of 31 December 2021 and 2020 and made available to market participants within four months of the report dates. The report is published on the Bank's website <http://www.bnpparibas.co.th/en/news/financial-statements/>.

## Key prudential metrics

The disclosure of Key prudential metrics of BNP Paribas Bangkok branch is to meet requirement under the Bank of Thailand's Notification no. SorNorSor. 14/2562 Capital disclosure for the Commercial Banks (volume 2), with effective on 1 January 2020. It includes the "fully loaded" impact of ECL transitional arrangements under Thai Financial Reporting Standard No.9 : Financial Instrument (TFRS9) , effective on 1 January 2020.

**Table 1 : Key Prudential Metrics**

Unit : THB '000

Capital fund (amount)	Key prudential metrics	31 December 2021	30 June 2021	31 December 2020
1	CET 1 capital	-	-	-
1A	Fully loaded ECL CET 1 capital	-	-	-
2	Tier 1 capital	-	-	-
2A	Fully loaded ECL Tier 1 capital	-	-	-
3	Total Capital	9,372,791	9,243,400	8,894,112
3A	Fully loaded ECL <sup>1/</sup> total capital	9,372,791	9,243,400	8,894,112
<b>Risk-weighted assets (amount)</b>				
4	Total Risk-weighted assets (RWA)	62,113,681	69,738,756	54,225,267
<b>Total Capital to Risk-weighted assets ratio (%)</b>				
5	CET 1 capital ratio (%)	-	-	-
5A	Fully loaded ECL CET 1 capital ratio (%)	-	-	-
6	Tier 1 capital ratio (%)	-	-	-
6A	Fully loaded ECL Tier 1 capital ratio (%)	-	-	-
7	Total Capital ratio (%)	15.09	13.25	16.40
7A	Fully loaded ECL total capital ratio (%) <sup>1/</sup>	15.09	13.25	16.40
<b>Additional Capital buffers ratio (%)</b>				
8	Capital conservation buffer requirement (%)	2.50	2.50	2.50
9	Capital countercyclical buffer requirement (%)	-	-	-
10	Higher loss absorbency ratio (%)	-	-	-
11	Total of bank capital specific buffer requirements (%) (row 8+9+10)	2.50	2.50	2.50
12	Total capital ratio available after meeting the bank's minimum capital	-	-	-
<b>Liquidity Coverage Ratio (LCR)<sup>2/</sup></b>				
13	Average Total High-quality liquid assets (HQLA)	12,397,093	11,582,114	11,880,030
14	Average Estimated total Net Cash Outflows over 30 days (Net COF)	4,863,710	7,506,216	7,334,097
15	Average LCR (%) <sup>3/</sup>	265%	154%	160%

<sup>1/</sup> Expected Credit Loss (ECL) : ECL according to Thai Financial Reporting Standard No.9 : Financial Instrument (TFRS9). The first time adoption is 1 January 2020.

<sup>2/</sup> Value calculated by simple average of the ending balance of Apr, May, Jun (for Jun) and Oct, Nov, Dec (for Dec)

<sup>3/</sup> The LCR is computed as an average of the observations of LCR during the quarter. This may not be equal to an LCR computed with the average values of HQLA and Net COF disclosed in the table.

The Branch disclosed the Liquidity coverage ratio as at 31 December 2021 and 2020 on its website at <http://www.bnpparibas.co.th/en/news/financial-statements/>. This is in accordance with the Notification of the Bank of Thailand Sor Nor Sor 2/2561 "The Disclosure of Liquidity coverage ratio disclosure standards" dated 25 January 2018.

For group level, please refer to the BNP Paribas Group Pillar 3 information, which can be found under part 5 within the 2021 part 5 within the 2021 Registration Document <https://invest.bnpparibas/en/search/reports/documents/financial-reports> (see TABLE 1 : KEY INDICATORS (EU KM1) on page 302

## B. Capital

### (1) Capital Structure

The Capital of BNP Paribas Bangkok Branch (“the Branch”) is made of assets maintained in accordance with the Section 32 of the Financial Institutions Businesses Act B.E. 2551 minus deductible items as prescribed in the notification No. SorNorSor. 8/2562 Re: Components of Capital of Branches of Foreign Commercial Banks.

The Branch maintains assets in accordance with Section 32 of the Financial Institutions Business Act B.E. 2551. They are made of Bonds issued by the Bank of Thailand and the Ministry of Finance or guaranteed by the Ministry of Finance and debt instruments issued by state organizations or state enterprises established under specific laws.

The minimum level of assets required to be maintained as capital is the lower amount between the assets maintained under Section 32 and the result of the following:

3.1. Aggregated amounts of money brought in by the head office or any other branches abroad, the reserves and the net profits transferred to the head office account but still maintained in Thailand, minus net losses not yet compensated by the head office, or

3.2. Aggregated amounts of money brought in by the head office or any other branches abroad, the reserves and the net profits transferred to the head office account but still maintained in Thailand, minus net losses not yet compensated by the head office and net balances of inter office accounts when the Branch is a creditor of the head office or any other branches, parent or subsidiary companies.

*Table 2 : Capital Structure of Foreign Bank Branches*

Unit : THB '000

Capital Structure	31 December 2021	30 June 2021	31 December 2020
<b>1. Assets required to be maintained under Section 32</b>	9,628,972	9,337,647	9,355,224
<b>2. Sum of net capital for maintenance of assets under Section 32 and net balance of inter-office accounts (2.1+2.2)</b>	11,315,549	12,085,805	9,873,588
2.1 Capital for maintenance of assets under Section 32	9,376,584	9,247,666	8,898,981
2.2 Net balance of inter-office accounts which the branch is the debtor (the creditor) to the head office and	1,938,965	2,838,139	974,607
<b>3. Total regulatory capital (3.1-3.2)</b>	9,372,791	9,243,400	8,894,112
3.1 Total regulatory capital before deductions (The lowest amount among item 1 item 2 and item 2.1)	9,376,584	9,247,666	8,898,981
3.2 Deductions	3,793	4,266	4,869
<b>4. Capital after deducting capital add-on arising from Single Lending Limit*</b>	9,372,791	9,243,400	8,894,112

(\*) Effective in January 2015

Please refer to the BNP Paribas Group Pillar 3 information, which can be found under part 5 within the 2021 Registration Document <https://invest.bnpparibas/en/search/reports/documents/financial-reports> (see TABLE 13: REGULATORY CAPITAL on page 337)

## (2) Capital adequacy

For local regulatory reporting, the Capital Adequacy Ratios as at 31 December 2021 and 2020 have been calculated using the Standardised approach for credit, market and operational risk. The Bank of Thailand issued the Notification No. FPG.12/2555 Re: Supervisory Guidelines on Capital Provision for Commercial Banks, to comply with global regulatory framework (Basel III) of Basel Committee on Banking Supervision (BCBS). During the period from 1 January, 2013 to 31 December 2015, the minimum capital requirement ratio is 8.5% of total risk assets and will be increasing to 9.125% (effective 1 January 2016), 9.75% (effective 1 January 2017), 10.375% (effective 1 January 2018) and 11.00%(effective 1 January 2019), respectively.

The ratio is computed locally on a monthly basis to satisfy the Bank of Thailand requirements. The capital adequacy of the Branch covers the needs of activities under normal and stressed conditions. The capital is in line with the strategy, the business plans and the risk management. Please refer the Risk-weighted assets and capital requirement of BNP Paribas Bangkok Branch as of 31 December 2021 presented on Table 3.

According to the Bank of Thailand Notification No. SorNorSor 22/2555 Single Lending Limit guideline, the Bank is required to disclose Capital- Net Add-on Deductions and Capital to Risk-weighted assets - Net Add-on Deductions, effective 1 January 2015 onwards.

*Table 3 : Total Capital to Risk-weighted assets*

	unit : %		
Ratio (%)	31 December 2021	30 June 2021	31 December 2020
Total Capital to Risk-weighted assets	15.09	13.25	16.40
Total Capital to Risk-weighted assets - Net Add-On Deduction*	15.09	13.25	16.40

(\*) Effective in January 2015

Please refer to the BNP Paribas Group Pillar 3 information, which can be found under part 5 within the 2021 Registration Document <https://invest.bnpparibas/en/search/reports/documents/financial-reports> (see TABLE 1 : KEY INDICATOR on page 302 and TABLE 14: REGULATORY CAPITAL on page 337)

## C. Risk exposure and assessment

Risk management process of BNP Paribas Bangkok Branch follows risk management process of BNP Paribas Group. BNP Paribas Group Risk management is presented in the 5.3 Risk management, under part 5 within the 2021 Registration Document <https://invest.bnpparibas/en/search/reports/documents/financial-reports>

### (1) Credit risk disclosures

The Credit risk management policy is presented in the registration document and the financial report - BNP Paribas, Pillar 3 disclosure. Please refer to the BNP Paribas Group Pillar 3 information, which can be found under part 5 within the 2021 Registration Document <https://invest.bnpparibas/en/search/reports/documents/financial-reports> (see 5.4 CREDIT RISK on page 365-434)

Under the Standardised Approach, the Branch has decided to use the following External credit assessment institution (ECAIs) notations to risk weight its exposures;

- Sovereign Exposures : Standard and Poor's
- Corporate Exposures : TRIS Rating and Fitch Ratings (Thailand)

The Procedures for Use of ECAI Credit Ratings are in line with Bank of Thailand's regulation No. SorNorSor. 9/2562 Re: Regulations for Credit Risk Asset Calculations for Commercial Banks Using the Standardised Approach

#### General information on credit risk exposure

*Table 4: Credit risk exposure of significant on-balance sheet and off-balance sheet items before credit risk mitigation*

Unit : THB '000

Item	31 December 2021	31 December 2020
<b>1. On-balance sheet assets (1.1 + 1.2 + 1.3 + 1.4)</b>	<b>60,207,941</b>	<b>51,570,437</b>
1.1 Loans and accrued interest receivables, net <sup>1/</sup>	21,057,673	10,186,725
1.2 Investment in debt securities, net <sup>2/</sup>	14,428,974	14,293,578
1.3 Deposits and accrued interest receivables, net <sup>3/</sup>	224,694	358,439
1.4 Derivative asset	24,496,599	26,731,694
<b>2. Off-balance sheet items <sup>4/</sup> (2.1 + 2.2 + 2.3)</b>	<b>2,251,640,563</b>	<b>2,151,010,712</b>
2.1 Aval, guarantees, and letter of credits	19,948,733	20,382,656
2.2 OTC derivatives	2,231,691,830	2,130,628,056
2.3 Undrawn commitment	-	-

<sup>1/</sup> Loans represent loan to customers and interbank placement. Exposure including accrued and undue interest receivables, and net of deferred incomes, allowances for expected credit losses.

<sup>2/</sup> Investments in debt securities are measured at fair value through other comprehensive income excluding accrued interest receivables and net of allowances for expected credit loss.

<sup>3/</sup> Deposits including accrued interest receivables, and net of allowances for expected credit losses.

<sup>4/</sup> Off-Balance sheet represents notional amount before application of credit conversion factor.

**Table 5: Credit risk exposure of significant on-balance sheet and off-balance sheet items before credit risk mitigation - classified by geographical**

Unit : THB '000

Country or geographic area of debtor	31 December 2021								
	On-balance sheet assets					Off-balance sheet items <sup>4/</sup>			
	Total	Loans and accrued interest receivables, net <sup>1/</sup>	Investment in debt securities, net <sup>2/</sup>	Deposits and accrued interest receivables, net <sup>3/</sup>	Derivative Assets	Total	Aval, guarantees and letter of credits	OTC derivatives	Undrawn commitment
1. Thailand	<b>54,203,322</b>	20,033,472	14,428,974	136,993	19,603,883	<b>1,423,058,240</b>	10,183,030	1,412,875,210	-
2. Outside Thailand	<b>6,004,619</b>	1,024,202	-	87,702	4,892,716	<b>828,582,323</b>	9,765,703	818,816,620	-
<b>Total</b>	<b>60,207,941</b>	21,057,673	14,428,974	224,694	24,496,599	<b>2,251,640,563</b>	19,948,733	2,231,691,830	-

Unit : THB '000

Country or geographic area of debtor	31 December 2020								
	On-balance sheet assets					Off-balance sheet items <sup>3/</sup>			
	Total	Loans and accrued interest receivables, net <sup>1/</sup>	Investment in debt securities, net <sup>2/</sup>	Deposits and accrued interest receivables, net <sup>3/</sup>	Derivative Assets	Total	Aval, guarantees and letter of credits	OTC derivatives	Undrawn commitment
1. Thailand	<b>43,006,505</b>	8,787,334	14,293,578	303,972	19,621,621	<b>1,549,338,938</b>	9,596,585	1,539,742,353	-
2. Outside Thailand	<b>8,563,932</b>	1,399,391	-	54,467	7,110,074	<b>601,671,773</b>	10,786,070	590,885,703	-
<b>Total</b>	<b>51,570,437</b>	10,186,725	14,293,578	358,439	26,731,694	<b>2,151,010,712</b>	20,382,656	2,130,628,056	-

<sup>1/</sup> Loans represent loan to customers and interbank placement. Exposure including accrued and undue interest receivables, and net of deferred incomes, allowances for expected credit losses.

<sup>2/</sup> Investments in debt securities are measured at fair value through other comprehensive income excluding accrued interest receivables and net of allowances for expected credit loss.

<sup>3/</sup> Deposits including accrued interest receivables, and net of allowances for expected credit losses.

<sup>4/</sup> Off-Balance sheet represents notional amount before application of credit conversion factor.

**Table 6: Credit exposure of significant on-balance sheet and off balance sheet items before credit risk mitigation - classified by residual maturity**

Unit : THB '000

Item	31 December 2021			31 December 2020		
	Less than 1 year	Over 1 year	Total	Less than 1 year	Over 1 year	Total
<b>1. On-balance sheet assets (1.1 + 1.2 + 1.3)</b>	41,576,415	18,631,527	<b>60,207,941</b>	31,571,059	19,999,377	<b>51,570,437</b>
1.1 Loans and accrued interest receivables, net <sup>1/</sup>	18,241,819,46	2,815,854	<b>21,057,673</b>	8,114,310	2,072,415	<b>10,186,725</b>
1.2 Investment in debt securities, net <sup>2/</sup>	14,428,974.48	-	<b>14,428,974</b>	14,293,578	-	<b>14,293,578</b>
1.3 Deposits and accrued interest receivables, net <sup>3/</sup>	224,694.38	-	<b>224,694</b>	358,439	-	<b>358,439</b>
1.4 Derivative asset	8,680,926.22	15,815,673	<b>24,496,599</b>	8,804,732	17,926,962	<b>26,731,694</b>
<b>2. Off-balance sheet items <sup>4/</sup> (2.1 + 2.2 + 2.3)</b>	1,225,590,507	1,026,050,056	<b>2,251,640,563</b>	959,378,812	1,191,631,900	<b>2,151,010,712</b>
2.1 Aval, guarantees, and letter of credits	14,943,320.47	5,005,412	<b>19,948,733</b>	14,977,858.56	5,404,797	<b>20,382,656</b>
2.2 OTC derivatives	1,210,647,186.72	1,021,044,644	<b>2,231,691,830</b>	944,400,953	1,186,227,103	<b>2,130,628,056</b>
2.3 Undrawn commitment	-	-	-	-	-	-

<sup>1/</sup> Loans represent loan to customers and interbank placement. Exposure including accrued and undue interest receivables, and net of deferred incomes, allowances for expected credit losses.

<sup>2/</sup> Investments in debt securities are measured at fair value through other comprehensive income excluding accrued interest receivables and net of allowances for expected credit loss.

<sup>3/</sup> Deposits including accrued interest receivables, and net of allowances for expected credit losses.

<sup>4/</sup> Off-Balance sheet represents notional amount before application of credit conversion factor.



**Table 7: Credit risk exposure of Financial Instruments before credit risk mitigation and provision**

Unit : THB '000

Item	31 December 2021					
	Outstanding Balance		Expected credit losses accounting provisions <sup>2/</sup>	Provision for credit loss on SA <sup>2/</sup>		Net Balance <sup>3/</sup>
	Defaulted exposures <sup>1/</sup>	Non-defaulted exposures <sup>1/</sup>		General Provision	Specific Provisions	
1. Loans and accrued interest receivables <sup>4/</sup>	-	21,423,696	366,023	366,023	-	21,057,673
2. Investment in debt securities, net <sup>5/</sup>	-	14,428,974	-	-	-	14,428,974
3. Deposits and accrued interest receivables <sup>6/</sup>	-	224,694	-	-	-	224,694
4. Commitment and Financial Guarantee <sup>7/</sup>	-	19,948,733	13,411	13,411	-	19,935,322
<b>Total</b>	-	<b>56,026,098</b>	<b>379,433</b>	<b>379,433</b>	-	<b>55,646,664</b>

  

Item	31 December 2020					
	Outstanding Balance		Expected credit losses accounting provisions <sup>2/</sup>	Provision for credit loss on SA <sup>2/</sup>		Net Balance <sup>3/</sup>
	Defaulted exposures <sup>1/</sup>	Non-defaulted exposures <sup>1/</sup>		General Provision	Specific Provisions	
1. Loans and accrued interest receivables <sup>4/</sup>	-	10,450,730	264,005	264,005	-	10,186,725
2. Investment in debt securities, net <sup>5/</sup>	-	14,293,578	-	-	-	14,293,578
3. Deposits and accrued interest receivables <sup>6/</sup>	-	358,439	-	-	-	358,439
4. Commitment and Financial Guarantee <sup>7/</sup>	-	20,382,656	8,964	8,964	-	20,373,692
<b>Total</b>	-	<b>45,485,403</b>	<b>272,969</b>	<b>272,969</b>	-	<b>45,212,434</b>

<sup>1/</sup> Defaulted exposures refer to Stage 3 credit impaired financial instruments. Non-defaulted exposures refer to Stage 1 (financial instrument with insignificant increase in credit risk) and Stage 2 (financial instrument with significant increase in credit risk). This is according to the BoT notification No. 23/2561 dated 31 October 2018 Re: Classification and Provision of the Financial Institutions, effective date 1 January 2020.

<sup>2/</sup> Expected credit losses accounting provisions classified under Stage 3 are treated as specific provisions for credit loss on standardised approach.

<sup>3/</sup> Net Balance represented outstanding balance net of provisions.

<sup>4/</sup> Outstanding balance of loans represent loans to customers and interbank and money market placements including accrued interest receivables and net of deferred revenue

<sup>5/</sup> Outstanding balance of investments in debt securities measured at fair value through other comprehensive income, excluding accrued interest receivables and net of allowance for

<sup>6/</sup> Including accrued interest receivables, and net of allowances for expected credit losses.

<sup>7/</sup> Before multiplying credit conversion factor

**Table 8: Loans and investment in debt securities before credit risk mitigation classified by geographical, and assets classification as prescribed by the Bank of Thailand**

Unit : THB '000

Geographic area of debtor	31 December 2021							
	Loans including accrued interest receivables <sup>1/</sup>				Investment in debt securities <sup>2/</sup>			
	Stage 1 Performing	Stage 2 Under-Performing	Stage 3 Non-Performing	Total	Stage 1 Performing	Stage 2 Under-Performing	Stage 3 Non-Performing	Total
1. Thailand	17,350,440	2,771,653	-	<b>20,122,092</b>	14,428,974	-	-	<b>14,428,974</b>
2. Outside Thailand	294,348	1,007,255	-	<b>1,301,604</b>	-	-	-	-
<b>Total</b>	<b>17,644,788</b>	<b>3,778,908</b>	-	<b>21,423,696</b>	<b>14,428,974</b>	-	-	<b>14,428,974</b>

<sup>1/</sup> Loans represent loans to customers, interbank and money market placements, including accrued interest receivables and net of deferred revenue.

<sup>2/</sup> Excluding accrued interest receivables and net of allowances for revaluation of securities and provision for expected credit losses.

Unit : THB '000

Geographic area of debtor	31 December 2020							
	Loans including accrued interest receivables <sup>1/</sup>				Investment in debt securities <sup>2/</sup>			
	Stage 1 Performing	Stage 2 Under-Performing	Stage 3 Non-Performing	Total	Stage 1 Performing	Stage 2 Under-Performing	Stage 3 Non-Performing	Total
1. Thailand	8,382,503	544,443	-	<b>8,926,945</b>	14,293,578	-	-	<b>14,293,578</b>
2. Outside Thailand	417,135	1,106,650	-	<b>1,523,785</b>	-	-	-	<b>-</b>
<b>Total</b>	<b>8,799,637</b>	<b>1,651,093</b>	-	<b>10,450,730</b>	<b>14,293,578</b>	-	-	<b>14,293,578</b>

<sup>1/</sup> Loans represent loans to customers, interbank and money market placements, including accrued interest receivables and net of deferred revenue.

<sup>2/</sup> Excluding accrued interest receivables and net of allowances for revaluation of securities and provision for expected credit losses.

**Table 9: Provisions and bad debt written-off during the year against loan and investment in debt securities - classified by geographical**

Unit : THB '000

Geographic area of debtor	31 December 2021				
	Loans including accrued interest receivables <sup>1/</sup>			Investment in debt securities <sup>2/</sup>	
	General provision	Specific provision <sup>2/</sup>	Bad debt written-off during year	General provision	Specific provision
1. Thailand	-	-	-	-	-
2. Outside Thailand	-	-	-	-	-
<b>Total</b>	<b>366,023</b>	-	-	-	-

Unit : THB '000

Geographic area of debtor	31 December 2020				
	Loans including accrued interest receivables <sup>1/</sup>			Investment in debt securities <sup>3/</sup>	
	General provision	Specific provision <sup>2/</sup>	Bad debt written-off during year	General provision	Specific provision
1. Thailand	-	-	-	-	-
2. Outside Thailand	-	-	-	-	-
<b>Total</b>	<b>264,005</b>	-	-	-	-

<sup>1/</sup> Including provision, bad debt written-off and accrued interest of interbank and money market placement.

<sup>2/</sup> Expected credit losses accounting provisions classified under Stage 3 are treated as specific provisions for credit loss on standardised approach.

<sup>3/</sup> For 2020 Provision for investment in debt securities represents allowance for expected credit losses.

<sup>3/</sup> For 2019 Provision for investment in debt securities represents unrealised loss on the revaluation of debt securities at year end.

**Table 10: Loans and accrued interest receivables <sup>1/</sup> before credit risk mitigation- classified by type of business and by asset classification specified by the Bank of Thailand**

Unit : THB '000

Type of business	31 December 2021			
	Stage 1 Performing	Stage 2 Under-Performing	Stage 3 Non-Performing	Total
Agriculture and mining	-	-	-	-
Manufacturing and commerce	6,799,865	1,295,183	-	<b>8,095,048</b>
Real estate business and construction	289,299	947,817	-	<b>1,237,116</b>
Public utilities and services	132,516	1,535,907	-	<b>1,668,423</b>
Housing loans	-	-	-	-
Financial and insurance activities	10,423,109	-	-	<b>10,423,109</b>
<b>Total</b>	<b>17,644,788</b>	<b>3,778,908</b>	-	<b>21,423,696</b>

Unit : THB '000

Type of business	31 December 2020			
	Stage 1 Performing	Stage 2 Under-Performing	Stage 3 Non-Performing	Total
Agriculture and mining	-	-	-	-
Manufacturing and commerce	2,131,225	544,443	-	<b>2,675,667</b>
Real estate business and construction	940,444	-	-	<b>940,444</b>
Public utilities and services	782,036	1,106,650	-	<b>1,888,686</b>
Housing loans	-	-	-	-
Financial and insurance activities	4,945,933	-	-	<b>4,945,933</b>
<b>Total</b>	<b>8,799,637</b>	<b>1,651,093</b>	-	<b>10,450,730</b>

**Table 11: Provisions and bad debt written-off during the year against loan and accrued interest receivables <sup>1/</sup> - classified by type of business**

Unit : THB '000

Type of business	31 December 2021			31 December 2020		
	General provision	Specific provision <sup>2/</sup>	Bad debt written-off during the year	General provision	Specific provision	Bad debt written-off during the year
Agriculture and mining	-	-	-	-	-	-
Manufacturing and commerce	-	-	-	-	-	-
Real estate business and construction	-	-	-	-	-	-
Public utilities and services	-	-	-	-	-	-
Others	-	-	-	-	-	-
<b>Total</b>	<b>366,023</b>	-	-	<b>264,005</b>	-	-

<sup>1/</sup> Including provision, bad debt written-off and accrued interest of loan to customers and interbank and money market placement.

<sup>2/</sup> Expected credit losses accounting provisions classified under Stage 3 are treated as specific provisions.

**Table 12: Reconciliation of provision against loan and accrued interest receivables<sup>1/</sup>**

Unit : THB '000

Item	31 December 2021			31 December 2020		
	General provision	Specific provision <sup>2/</sup>	Bad debt written-off during the year	General provision	Specific provision	Bad debt written-off during the year
Provisions at the beginning of the year	264,005	-	-	88,000	-	-
Bad debts written-off during the year	-	-	-	-	-	-
Increases (Decreases) of provisions during the year	102,018	-	-	176,005	-	-
<b>Provisions at the end of the year</b>	<b>366,023</b>	<b>-</b>	<b>-</b>	<b>264,005</b>	<b>-</b>	<b>-</b>

<sup>1/</sup> Including provision, bad debt written-off and accrued interest of loan to customers and interbank and money market placement.

<sup>2/</sup> Expected credit losses accounting provisions classified under Stage 3 are treated as specific provisions.

### **Credit risk mitigation under the Standardised Approach**

To mitigate the credit risk, the Branch recognizes collateral under the comprehensive approach and applies haircuts as defined by the Bank of Thailand.

**Table 13: Exposure of on-balance sheet and credit equivalent amount of off-balance sheet items - classified by type of assets under the SA\***

Unit : THB '000

	31 December 2021			31 December 2020		
	On balance sheet	Off balance sheet item <sup>1/</sup>	Total	On balance sheet	Off balance sheet item <sup>1/</sup>	Total
<b>1. Performing claims</b>	<b>52,994,935</b>	<b>55,151,637</b>	<b>108,146,571</b>	<b>50,885,985</b>	<b>44,584,924</b>	<b>95,470,909</b>
1.1 Claims on sovereigns and central banks, multilateral development banks (MDBs), and non-central government public sector entities (PSEs) treated as claims on sovereigns	13,374,573	9,425,300	<b>22,799,873</b>	14,767,305	6,963,802	<b>21,731,108</b>
1.2 Claims on financial institutions, non-central government public sector entities (PSEs) treated as claims on financial institutions, and securities firms	954,086	30,097,421	<b>31,051,507</b>	1,377,367	23,376,106	<b>24,753,473</b>
1.3 Claims on corporates, non-central government public sector entities (PSEs) treated as claims on corporate	11,390,237	15,628,915	<b>27,019,152</b>	6,267,786	14,245,016	<b>20,512,802</b>
1.4 Claims on retail portfolios	-	-	-	-	-	-
1.5 Housing loans	-	-	-	-	-	-
1.6 Other assets	27,276,039	-	<b>27,276,039</b>	28,473,526	-	<b>28,473,526</b>
<b>2. Non-performing claims</b>	-	-	-	-	-	-
<b>3. First-to-default credit derivatives and Securitisation</b>	-	-	-	-	-	-
<b>Total</b>	<b>52,994,935</b>	<b>55,151,637</b>	<b>108,146,571</b>	<b>50,885,985</b>	<b>44,584,924</b>	<b>95,470,909</b>

\* After multiplying with credit conversion factor and net of specific provision.

<sup>1/</sup> Including all Repo-style transactions (including Reverse repo transactions)

**Table 14 : Exposure of net on-balance sheet and off-balance sheet items after adjusted by credit risk mitigation for each type of asset- classified by risk weight under the SA**

unit : THB'000

Type of asset	31 December 2021										
	Risk weight (%)	Exposure after credit risk mitigation - Rated					Exposure after credit risk mitigation -Unrated				
		0	20	50	100	150	0	20	50	35	75
<b>Performing claims</b>											
1. Claims on sovereigns and central banks, multilateral development banks (MDBs), and non-central government public sector entities (PSEs) treated as claims on sovereigns	14,181,865	-	6,252,388	2,365,620							
2. Claims on financial institutions, non-central government public sector entities (PSEs) treated as claims on financial institutions, and securities firms	-	14,810,518	1,927,037	14,313,952							
3. Claims on corporates, non-central government public sector entities (PSEs) treated as claims on corporate	-	924,976	1,965,306	24,128,870							
4. Claims on retail portfolios											
5. Claims on housing loans											
6. Other assets						27,214,617	-				61,422
	Risk weight (%)	-	-	50	100	150				75	-
<b>Non-performing claims<sup>1/</sup></b>											
<b>Capital deduction items prescribed by the Bank of Thailand</b>											

<sup>1/</sup> For the portion claims with no credit risk mitigation of which risk weight are determined by the proportion of provision to total amount of claims

unit : THB'000

Type of asset	31 December 2020										
	Risk weight (%)	Exposure after credit risk mitigation - Rated					Exposure after credit risk mitigation -Unrated				
		0	20	50	100	150	0	20	50	35	75
<b>Performing claims</b>											
1. Claims on sovereigns and central banks, multilateral development banks (MDBs), and non-central government public sector entities (PSEs) treated as claims on sovereigns	16,348,415	-	4,449,100	933,592				-			
2. Claims on financial institutions, non-central government public sector entities (PSEs) treated as claims on financial institutions, and securities firms	-	13,397,069	4,913,544	6,442,860							
3. Claims on corporates, non-central government public sector entities (PSEs) treated as claims on corporate	-	250,968	190,682	20,071,152							
4. Claims on retail portfolios										-	-
5. Claims on housing loans									-	-	
6. Other assets						28,407,009	-				66,517
Risk weight (%)	-	-	50	100	150					75	-
<b>Non-performing claims<sup>1/</sup></b>			-	-	-					-	
<b>Capital deduction items prescribed by the Bank of Thailand</b>											

<sup>1/</sup> For the portion claims with no credit risk mitigation of which risk weight are determined by the proportion of provision to total amount of claims

## (2) Market risk disclosures

Details, about how market risks of the Branch are managed, are given in Registration document and financial report - BNP Paribas, Pillar 3 disclosure.

Please refer to the BNP Paribas Group Pillar 3 information, which can be found under part 5 within the 2021 Registration Document <https://invest.bnpparibas/en/search/reports/documents/financial-reports> (see 5.7 MARKET RISK on page 426-476)

*Table 15: Capital for market risk under the Standardised Approach*

unit : THB'000

Capital for market risk under the SA	31 December 2021	30 June 2021	31 December 2020
1. Capital for Interest Rate Risk	2,288,349	2,515,514	1,825,096
2. Capital for Equity Price Risk	-	-	-
3. Capital for Foreign Exchange Risk	47,176	531,204	222,686
4. Capital for Commodity Price Risk	-	-	-
<b>Total Capital for Market Risk</b>	<b>2,335,525</b>	<b>3,046,717</b>	<b>2,047,782</b>

## (3) Operational risk disclosures

Details about the operational risk management of the Branch are given in Registration document and financial report - BNP Paribas, Pillar 3 disclosure.

Please refer to the BNP Paribas Group Pillar 3 information, which can be found under part 5 within the 2021 Registration Document <https://invest.bnpparibas/en/search/reports/documents/financial-reports> (see 5.9 OPERATIONAL RISKS on page 498-503)

For local regulatory reporting, the Branch uses the standard approach to calculate the equivalent factors of operations risk-weighted assets as at 31 December 2021 and 2020.

#### (4) Equity exposure disclosures

Please refer to the BNP Paribas Group Pillar 3 information, which can be found under part 5 within the 2021 Registration Document <https://invest.bnpparibas/en/search/reports/documents/financial-reports> (see CREDIT RISK : EQUITIES UNDER THE SIMPLE WEIGHTING METHOD on page 412)

Table 16 : Equity exposures in banking book

Unit : THB '000

Equity exposures	31 December 2021	31 December 2020
1. Equity exposures		
1.1 Equities listed and publicly traded in the Stock Exchange		
- Book value	0.00	0.00
- Fair value	0.00	0.00
1.2 Other equities	0.00	0.00
2. Gains (losses) of sale of equities in the reporting period	0.00	0.00
3. Net surplus (deficit) from revaluation of available for sale equities	0.00	0.00
4. Minimum capital requirements for equity exposures classified by the calculation methods		
- SA	0.00	0.00
- IRB	0.00	0.00
5. Equity values for commercial banks applying IRB which the Bank of Thailand allows to use SA	0.00	0.00
<b>Total</b>	0.00	0.00



## (5) Interest rate risk in banking book disclosures

Details about the interest rate risk in the banking book of the Branch are given in Registration document and financial report - BNP Paribas, Pillar 3 disclosure. Please refer to the BNP Paribas Group Pillar 3 information, which can be found under part 5 within the 2021 Registration Document <https://invest.bnpparibas/en/search/reports/documents/financial-reports> (see MARKET RISK RELATED TO BANKING ACTIVITIES on page 476)

*Table 17 : The effect of changes in interest rates to net interest income in the banking book*

Unit : THB '000

Currency	Impact to Net Interest Income (NII)	
	31 December 2021	31 December 2020
Baht	49,179	55,555
USD	(21,440)	(33,055)
EURO	16,924	4,413
Others	(29,242)	(74)
<b>Total impact to Net Interest Income</b>	<b>15,420</b>	<b>26,838</b>
<b>% of Net Interest Income expected in the next 1 year</b>	<b>6.90</b>	<b>7.68</b>

## D. Composition of capital disclosure requirements under BCBS

### Disclosure of regulatory capital in the transitional period to Basel III

As at 31 December 2020 and 2019, BNP PARIBAS BANGKOK BRANCH has deducted 100% of net book value of intangible assets from capital during Basel III transitional period.

*Table 18 : Total regulatory capital during the transitional period to Basel III*

Unit : THB '000

Regulatory Capital and Deductions under Basel III	30 June 2021	30 June 2021	31 December 2020
Regulatory Capital	9,376,584	9,247,666	8,898,981
Deductions	3,793	4,266	4,869
<b>Net Regulatory Capital</b>	<b>9,372,791</b>	<b>9,243,400</b>	<b>8,894,112</b>

Please refer to the BNP Paribas Group Pillar 3 information, which can be found under part 5 within the 2021 Registration Document <https://invest.bnpparibas/en/search/reports/documents/financial-reports> (see TABLE 13: REGULATORY CAPITAL on page 337).

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**E. Appendix**

<b>BNP PARIBAS GROUP KEY DOCUMENTS &amp; FIGURES</b>	<b>HYPERLINKS</b>
Registration Document (incl. Group Pillar 3, part 5)	<a href="https://invest.bnpparibas/en/search/reports/documents/financial-reports">https://invest.bnpparibas/en/search/reports/documents/financial-reports</a>
Annual Report	<a href="https://invest.bnpparibas.com/en/annual-reports">https://invest.bnpparibas.com/en/annual-reports</a>
Results	<a href="https://invest.bnpparibas.com/en/results">https://invest.bnpparibas.com/en/results</a>
Information Statement	<a href="https://invest.bnpparibas.com/en/information-statement">https://invest.bnpparibas.com/en/information-statement</a>