

**Chang Hwa Commercial Bank, Ltd. and  
Subsidiaries**

**Consolidated Financial Statements for the  
Three Months Ended March 31, 2021 and 2020 and  
Independent Auditors' Review Report**

## INDEPENDENT AUDITORS' REVIEW REPORT

The Board of Directors and Stockholders  
Chang Hwa Commercial Bank, Ltd.

### Introduction

We have reviewed the accompanying consolidated balance sheets of Chang Hwa Commercial Bank, Ltd. (the "Bank") and its subsidiaries (collectively referred to as the "Group") as of March 31, 2021 and 2020, the related consolidated statements of comprehensive income, the consolidated statements of changes in equity and cash flows for the three months then ended, and the related notes to the consolidated financial statements, including a summary of significant accounting policies (collectively referred to as the "consolidated financial statements"). Management is responsible for the preparation and fair presentation of the consolidated financial statements in accordance with the Regulations Governing the Preparation of Financial Reports by Public Bank and International Accounting Standards 34 "Interim Financial Reporting" endorsed and issued into effect by the Financial Supervisory Commission of the Republic of China. Our responsibility is to express a conclusion on the consolidated financial statements based on our reviews.

### Scope of Review

We conducted our reviews in accordance with Statement of Auditing Standards No. 65 "Review of Financial Information Performed by the Independent Auditor of the Entity". A review of consolidated financial statements consists of making inquiries, primarily of persons responsible for financial and accounting matters, and applying analytical and other review procedures. A review is substantially less in scope than an audit and consequently does not enable us to obtain assurance that we would become aware of all significant matters that might be identified in an audit. Accordingly, we do not express an audit opinion.

### Conclusion

Based on our reviews, nothing has come to our attention that caused us to believe that the accompanying consolidated financial statements do not give a true and fair view of the consolidated financial position of the Group as of March 31, 2021 and 2020 and of its consolidated financial performance and its consolidated cash flows for the three months ended March 31, 2021 and 2020 in accordance with the Regulations Governing the Preparation of Financial Reports by Public Banks and International Accounting Standards 34 "Interim Financial Reporting" endorsed and issued into effect by the Financial Supervisory Commission of the Republic of China.

The engagement partners on the reviews resulting in this independent auditors' review report are Mei Hui Wu and Tung Feng Lee.

Deloitte & Touche  
Taipei, Taiwan  
Republic of China

May 11, 2021

Notice to Readers

*The accompanying consolidated financial statements are intended only to present the consolidated financial position, financial performance and cash flows in accordance with accounting principles and practices generally accepted in the Republic of China and not those of any other jurisdictions. The standards, procedures and practices to review such consolidated financial statements are those generally applied in the Republic of China.*

*For the convenience of readers, the independent auditors' review report and the accompanying consolidated financial statements have been translated into English from the original Chinese version prepared and used in the Republic of China. If there is any conflict between the English version and the original Chinese version or any difference in the interpretation of the two versions, the Chinese-language independent auditors' review report and consolidated financial statements shall prevail.*

# CHANG HWA COMMERCIAL BANK, LTD. AND SUBSIDIARIES

## CONSOLIDATED BALANCE SHEETS (In Thousands of New Taiwan Dollars)

	March 31, 2021 (Reviewed)		December 31, 2020 (Audited)		March 31, 2020 (Reviewed)	
	Amount	%	Amount	%	Amount	%
<b>ASSETS</b>						
Cash and cash equivalents (Notes 4, 6 and 36)	\$ 27,123,386	1	\$ 26,452,525	1	\$ 25,408,212	1
Due from the Central Bank and call loans to banks (Notes 4, 6 and 36)	222,464,106	9	235,739,431	10	183,025,594	8
Financial assets at fair value through profit or loss (Notes 4, 7, 34 and 37)	59,372,937	3	14,581,474	1	19,465,542	1
Financial assets at fair value through other comprehensive income (Notes 4, 8, 10, 34 and 37)	146,741,221	6	122,695,821	5	106,589,160	5
Financial assets for hedging (Notes 4, 13 and 34)	202,941	-	231,693	-	301,740	-
Investments in debt instruments at amortized cost (Notes 4, 5, 9, 10, 34 and 37)	363,688,272	15	345,283,447	15	294,019,978	13
Receivables, net (Notes 4, 11 and 12)	23,572,043	1	21,481,338	1	20,149,569	1
Current tax assets (Notes 4 and 31)	520,888	-	396,516	-	422,411	-
Discounts and loans, net (Notes 4, 5, 12, 34, 35 and 36)	1,499,268,577	62	1,477,886,845	64	1,469,115,330	67
Other financial assets, net (Notes 4, 14 and 37)	21,654,348	1	25,590,786	1	33,282,035	2
Property and equipment, net (Notes 4 and 16)	20,871,146	1	20,908,603	1	20,672,125	1
Right-of-use assets, net (Notes 4 and 17)	1,653,639	-	1,519,247	-	1,669,633	-
Investment properties, net (Notes 4 and 18)	13,857,172	1	13,858,910	1	13,871,055	1
Intangible assets, net (Notes 4 and 19)	636,009	-	687,613	-	674,630	-
Deferred tax assets (Notes 4 and 31)	3,739,489	-	3,379,099	-	3,040,062	-
Other assets, net (Notes 20 and 37)	<u>1,897,047</u>	<u>-</u>	<u>2,746,871</u>	<u>-</u>	<u>1,888,228</u>	<u>-</u>
<b>TOTAL</b>	<b><u>\$ 2,407,263,221</u></b>	<b><u>100</u></b>	<b><u>\$ 2,313,440,219</u></b>	<b><u>100</u></b>	<b><u>\$ 2,193,595,304</u></b>	<b><u>100</u></b>
<b>LIABILITIES AND EQUITY</b>						
Deposits from the Central Bank and banks (Notes 4, 21 and 36)	\$ 105,031,910	4	\$ 103,221,627	5	\$ 120,632,875	6
Due to the Central Bank and banks (Notes 6 and 37)	16,966,890	1	14,829,050	1	-	-
Financial liabilities at fair value through profit or loss (Notes 4 and 7)	3,011,478	-	7,293,565	-	2,536,673	-
Securities sold under repurchase agreements (Note 4)	1,554,675	-	1,226,633	-	1,830,657	-
Payables (Notes 4, 22 and 29)	27,279,544	1	22,237,409	1	23,286,095	1
Current tax liabilities (Notes 4 and 31)	1,003,486	-	841,436	-	777,489	-
Deposits and remittances (Notes 4, 23 and 36)	2,003,174,798	83	1,917,987,149	83	1,805,746,515	82
Bank notes payable (Notes 4, 24 and 34)	60,224,275	3	61,351,032	3	55,577,340	3
Other financial liabilities (Notes 4 and 25)	1,483,022	-	1,949,149	-	3,517,721	-
Reserve for liabilities (Notes 4, 5, 27 and 28)	5,123,360	-	5,316,038	-	5,229,013	-
Lease liabilities (Notes 4 and 17)	1,480,861	-	1,343,548	-	1,476,145	-
Deferred tax liabilities (Notes 4 and 31)	8,835,162	1	8,301,861	-	7,985,798	1
Other liabilities (Notes 4, 16 and 26)	<u>4,676,892</u>	<u>-</u>	<u>2,487,932</u>	<u>-</u>	<u>2,857,708</u>	<u>-</u>
<b>Total liabilities</b>	<b><u>2,239,846,353</u></b>	<b><u>93</u></b>	<b><u>2,148,386,429</u></b>	<b><u>93</u></b>	<b><u>2,031,454,029</u></b>	<b><u>93</u></b>
<b>EQUITY (Notes 4, 29 and 31)</b>						
Capital stock						
Common stock	103,847,236	4	103,847,236	5	99,853,111	4
Retained earnings						
Legal reserve	38,266,789	2	38,266,789	2	34,832,629	2
Special reserve	12,201,590	1	12,201,590	-	12,204,648	-
Unappropriated earnings	8,823,363	-	6,884,362	-	13,961,162	1
Other equity	<u>4,277,890</u>	<u>-</u>	<u>3,853,813</u>	<u>-</u>	<u>1,289,725</u>	<u>-</u>
<b>Total equity</b>	<b><u>167,416,868</u></b>	<b><u>7</u></b>	<b><u>165,053,790</u></b>	<b><u>7</u></b>	<b><u>162,141,275</u></b>	<b><u>7</u></b>
<b>TOTAL</b>	<b><u>\$ 2,407,263,221</u></b>	<b><u>100</u></b>	<b><u>\$ 2,313,440,219</u></b>	<b><u>100</u></b>	<b><u>\$ 2,193,595,304</u></b>	<b><u>100</u></b>

The accompanying notes are an integral part of the consolidated financial statements.

# CHANG HWA COMMERCIAL BANK, LTD. AND SUBSIDIARIES

## CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (In Thousands of New Taiwan Dollars, Except Earnings Per Share) (Reviewed, Not Audited)

	For the Three Months Ended March 31			
	2021		2020	
	Amount	%	Amount	%
INTEREST INCOME (Notes 4, 30, 36 and 40)	\$ 6,674,274	97	\$ 8,796,573	118
INTEREST EXPENSE (Notes 30, 36 and 40)	<u>(1,867,281)</u>	<u>(27)</u>	<u>(3,659,450)</u>	<u>(49)</u>
NET INCOME OF INTEREST	<u>4,806,993</u>	<u>70</u>	<u>5,137,123</u>	<u>69</u>
NET NON-INTEREST INCOME (LOSS)				
Net service fee income (Notes 4 and 30)	1,203,741	17	1,223,446	17
Gain (loss) on financial assets or liabilities measured at fair value through profit or loss (Notes 4, 7 and 30)	316,391	4	323,065	4
Realized gain (loss) on financial assets at fair value through other comprehensive income (Notes 4 and 30)	194,575	3	385,712	5
Foreign exchange gain (loss) (Notes 4 and 34)	182,938	3	234,623	3
Net other non-interest income (loss) (Notes 13 and 15)	<u>190,315</u>	<u>3</u>	<u>150,343</u>	<u>2</u>
Net non-interest income	<u>2,087,960</u>	<u>30</u>	<u>2,317,189</u>	<u>31</u>
NET REVENUE AND GAINS	<u>6,894,953</u>	<u>100</u>	<u>7,454,312</u>	<u>100</u>
BAD DEBT EXPENSE, COMMITMENT AND GUARANTEE LIABILITY PROVISION (Notes 4 and 12)	<u>(575,554)</u>	<u>(9)</u>	<u>(572,122)</u>	<u>(7)</u>
OPERATING EXPENSES				
Employee benefits expenses (Notes 4 and 30)	(2,688,383)	(39)	(2,505,442)	(34)
Depreciation and amortization expenses (Notes 4 and 30)	(352,710)	(5)	(354,227)	(5)
Other general and administrative expenses	<u>(899,892)</u>	<u>(13)</u>	<u>(922,852)</u>	<u>(12)</u>
Total operating expenses	<u>(3,940,985)</u>	<u>(57)</u>	<u>(3,782,521)</u>	<u>(51)</u>
INCOME BEFORE INCOME TAX	2,378,414	34	3,099,669	42
INCOME TAX EXPENSE (Notes 4 and 31)	<u>(432,509)</u>	<u>(6)</u>	<u>(606,885)</u>	<u>(8)</u>
NET INCOME	<u>1,945,905</u>	<u>28</u>	<u>2,492,784</u>	<u>34</u>

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# CHANG HWA COMMERCIAL BANK, LTD. AND SUBSIDIARIES

## CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

(In Thousands of New Taiwan Dollars, Except Earnings Per Share)

(Reviewed, Not Audited)

	For the Three Months Ended March 31			
	2021		2020	
	Amount	%	Amount	%
OTHER COMPREHENSIVE INCOME (LOSS)				
Items that will not be reclassified to profit or loss, net of tax:				
Revaluation gains (losses) on investments in equity instruments measured at fair value through other comprehensive income	\$ 1,040,545	15	\$ (1,793,861)	(24)
Items that will be reclassified to profit or loss, net of tax:				
Exchange differences on translation (Note 4)	245,801	4	(80,073)	(1)
Revaluation gains (losses) on investments in debt instruments measured at fair value through other comprehensive income	(878,322)	(13)	(546,885)	(7)
(Impairment loss) reversal of impairment loss on investments in debt instruments measured at fair value through other comprehensive income	7,793	-	(29,340)	(1)
Income tax related to items that will be reclassified to profit or loss (Notes 4 and 31)	<u>1,356</u>	<u>-</u>	<u>(138,545)</u>	<u>(2)</u>
Other comprehensive income (loss), net of tax	<u>417,173</u>	<u>6</u>	<u>(2,588,704)</u>	<u>(35)</u>
TOTAL COMPREHENSIVE INCOME	<u>\$ 2,363,078</u>	<u>34</u>	<u>\$ (95,920)</u>	<u>(1)</u>
NET PROFIT ATTRIBUTABLE TO:				
Owners of the Bank	<u>\$ 1,945,905</u>	<u>28</u>	<u>\$ 2,492,784</u>	<u>33</u>
Non-controlling interests	<u>\$ -</u>	<u>-</u>	<u>\$ -</u>	<u>-</u>
TOTAL COMPREHENSIVE INCOME ATTRIBUTABLE TO:				
Owners of the Bank	<u>\$ 2,363,078</u>	<u>34</u>	<u>\$ (95,920)</u>	<u>(1)</u>
Non-controlling interests	<u>\$ -</u>	<u>-</u>	<u>\$ -</u>	<u>-</u>
EARNINGS PER SHARE (Note 32)				
Basic	<u>\$ 0.19</u>		<u>\$ 0.24</u>	
Diluted	<u>\$ 0.19</u>		<u>\$ 0.24</u>	

The accompanying notes are an integral part of the consolidated financial statements.

(Concluded)

# CHANG HWA COMMERCIAL BANK, LTD. AND SUBSIDIARIES

## CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY (In Thousands of New Taiwan Dollars, Except Shares of Capital Stock) (Reviewed, Not Audited)

	Equity Attributable to Owners of the Bank					Other Equity		
	Capital Stock		Retained Earnings			Exchange Differences on Translation of Foreign Financial Statements	Unrealized Gains (Losses) on Financial Assets Measured at Fair Value Through Other Comprehensive Income	Total Equity
	Common Stock (In Thousand)	Amount	Legal Reserve	Special Reserve	Unappropriated Earnings			
BALANCE AT JANUARY 1, 2020	9,985,311	\$ 99,853,111	\$ 34,832,629	\$ 12,204,648	\$ 11,458,160	\$ (1,642,603)	\$ 5,531,250	\$ 162,237,195
Net income for the three months ended March 31, 2020	-	-	-	-	2,492,784	-	-	2,492,784
Other comprehensive income (loss) for the three months ended March 31, 2020, net of tax	-	-	-	-	-	(287,164)	(2,301,540)	(2,588,704)
Total comprehensive income (loss) for the three months ended March 31, 2020	-	-	-	-	2,492,784	(287,164)	(2,301,540)	(95,920)
Disposal of investments in equity instruments designated at fair value through other comprehensive income	-	-	-	-	10,218	-	(10,218)	-
BALANCE AT MARCH 31, 2020	9,985,311	\$ 99,853,111	\$ 34,832,629	\$ 12,204,648	\$ 13,961,162	\$ (1,929,767)	\$ 3,219,492	\$ 162,141,275
BALANCE AT JANUARY 1, 2021	10,384,724	\$ 103,847,236	\$ 38,266,789	\$ 12,201,590	\$ 6,884,362	\$ (2,870,996)	\$ 6,724,809	\$ 165,053,790
Net income for the three months ended March 31, 2021	-	-	-	-	1,945,905	-	-	1,945,905
Other comprehensive income (loss) for the three months ended March 31, 2021, net of tax	-	-	-	-	-	236,605	180,568	417,173
Total comprehensive income (loss) for the three months ended March 31, 2021	-	-	-	-	1,945,905	236,605	180,568	2,363,078
Disposal of investments in equity instruments designated at fair value through other comprehensive income	-	-	-	-	(6,904)	-	6,904	-
BALANCE AT MARCH 31, 2021	10,384,724	\$ 103,847,236	\$ 38,266,789	\$ 12,201,590	\$ 8,823,363	\$ (2,634,391)	\$ 6,912,281	\$ 167,416,868

The accompanying notes are an integral part of the consolidated financial statements.

# CHANG HWA COMMERCIAL BANK, LTD. AND SUBSIDIARIES

## CONSOLIDATED STATEMENTS OF CASH FLOWS

(In Thousands of New Taiwan Dollars)

(Reviewed, Not Audited)

	For the Three Months Ended March 31	
	2021	2020
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>		
Net income before income tax	\$ 2,378,414	\$ 3,099,669
Non-cash (income and gains) or expenses and losses		
Expected credit loss recognized on trade receivables	575,554	572,122
Depreciation expense	288,821	296,188
Amortization expense	63,889	58,039
Interest income	(6,674,274)	(8,796,573)
Dividend income	(19,108)	(1,825)
Interest expense	1,867,281	3,659,450
Net gain on financial assets or liabilities at fair value through profit or loss	(4,696,553)	(2,217,116)
Gain on disposal of investments	(175,720)	(383,887)
Unrealized foreign exchange losses	4,380,162	1,894,051
Other adjustments	(126,875)	(201,731)
Changes in operating assets and liabilities		
Increase in due from the Central Bank	(24,591,153)	(26,703,883)
Increase in financial assets at fair value through profit or loss	(44,721,491)	(8,099,849)
(Increase) decrease in receivables	(2,157,663)	2,302,868
Increase in discounts and loans	(21,925,120)	(42,552,737)
(Increase) decrease in financial assets at fair value through other comprehensive income	(23,699,664)	7,720,780
Increase in investments in debt instruments at amortized cost	(18,404,825)	(17,961,002)
Decrease in other financial assets	3,934,885	6,946,756
Decrease (increase) in other assets	850,917	(819,502)
Increase in deposits from the Central Bank and banks	129,580	4,927
Increase in deposits and remittances	85,187,649	39,798,312
Increase in payables	5,065,743	1,133,154
Decrease in financial liabilities at fair value through profit or loss	(4,068,058)	(1,284,770)
Decrease in reserve for liabilities	(202,387)	(150,776)
Decrease in other financial liabilities	(466,127)	(757,179)
Increase in other liabilities	<u>2,192,911</u>	<u>261,094</u>
Cash flows used in operations	(45,013,212)	(42,183,420)
Interest received	6,765,021	9,775,744
Dividends received	2,854	-
Interest paid	(1,892,071)	(3,359,281)
Income taxes paid	<u>(96,192)</u>	<u>(120,369)</u>
Net cash flows used in operating activities	<u>(40,233,600)</u>	<u>(35,887,326)</u>

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# CHANG HWA COMMERCIAL BANK, LTD. AND SUBSIDIARIES

## CONSOLIDATED STATEMENTS OF CASH FLOWS

(In Thousands of New Taiwan Dollars)

(Reviewed, Not Audited)

	For the Three Months Ended March 31	
	2021	2020
CASH FLOWS FROM INVESTING ACTIVITIES		
Acquisition of property and equipment	\$ (84,808)	\$ (67,459)
Acquisition of intangible assets	<u>(11,203)</u>	<u>(12,650)</u>
Net cash flows used in investing activities	<u>(96,011)</u>	<u>(80,109)</u>
CASH FLOWS FROM FINANCING ACTIVITIES		
Increase in due to the Central Bank and banks	3,818,543	18,322,322
Repayment of bank notes	(1,100,000)	-
Increase in securities sold under repurchase agreement	328,042	283,366
Repayments of the principal portion of lease liabilities	<u>(158,392)</u>	<u>(164,027)</u>
Net cash flows generated from financing activities	<u>2,888,193</u>	<u>18,441,661</u>
EFFECT OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS	<u>245,801</u>	<u>(80,073)</u>
NET DECREASE IN CASH AND CASH EQUIVALENTS	(37,195,617)	(17,605,847)
CASH AND CASH EQUIVALENTS AT BEGINNING OF PERIOD	<u>175,454,685</u>	<u>135,910,391</u>
CASH AND CASH EQUIVALENTS AT END OF PERIOD	<u>\$ 138,259,068</u>	<u>\$ 118,304,544</u>
	March 31	
	2021	2020
Reconciliation of cash and cash equivalents		
Cash and cash equivalents in the balance sheets	\$ 27,123,386	\$ 25,408,212
Call loans to banks qualifying for cash and cash equivalents under the definition of IAS 7	<u>111,135,682</u>	<u>92,896,332</u>
Cash and cash equivalents at end of period	<u>\$ 138,259,068</u>	<u>\$ 118,304,544</u>

The accompanying notes are an integral part of the consolidated financial statements.

(Concluded)

# **CHANG HWA COMMERCIAL BANK, LTD. AND SUBSIDIARIES**

## **NOTES TO CONSOLIDATED FINANCIAL STATEMENTS FOR THE THREE MONTHS ENDED MARCH 31, 2021 AND 2020 (In Thousands of New Taiwan Dollars, Unless Stated Otherwise) (Reviewed, Not Audited)**

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### **1. ORGANIZATION AND BUSINESS SCOPE**

Chang Hwa Commercial Bank, Ltd. (the “Bank”) was incorporated under Banking Law, Securities and Exchange Law and Taiwan Company Law on March 1, 1947 and obtained its banking license from the Ministry of Economic Affairs in July 1950. The Bank’s shares have been listed and traded on the Taiwan Stock Exchange (TWSE) since February 1962.

The Bank mainly engages in the following business:

- a. All commercial banking operations allowed by the Banking Law;
- b. Trust operations;
- c. International banking operations;
- d. Overseas branch operations authorized by the respective foreign governments; and
- e. Other operations authorized by the central authority.

The consolidated financial statements are presented in the Bank’s functional currency, the New Taiwan dollar.

### **2. APPROVAL OF FINANCIAL STATEMENTS**

The consolidated financial statements were approved by the Bank’s board of directors on May 11, 2021.

### **3. APPLICATION OF NEW, AMENDED AND REVISED STANDARDS AND INTERPRETATIONS**

- a. Initial application of the amendments to the International Financial Reporting Standards (IFRS), International Accounting Standards (IAS), IFRIC Interpretations (IFRIC), and SIC Interpretations (SIC) (collectively, the “IFRSs”) endorsed and issued into effect by the Financial Supervisory Commission (FSC)

Except for the following, the initial application of the amendments to the IFRSs endorsed and issued into effect by the FSC did not have any material impact on the Bank and its subsidiaries (collectively referred to as the “Group”) accounting policies.

- 1) Amendments to IFRS 9, IAS 39, IFRS 7, IFRS 4 and IFRS 16 “Interest Rate Benchmark Reform - Phase 2”

The Group elected to apply the practical expedient provided in the amendments to deal with the changes in the basis for determining contractual cash flows of financial assets, financial liabilities or lease liabilities resulting from the interest rate benchmark reform. The changes are accounted for by updating the effective interest rate at the time the basis is changed, provided the changes are necessary as a direct consequence of the reform and the new basis is economically equivalent to the previous basis.

For the hedging relationships that are subject to the reform, the Group applies the following temporary exceptions:

- a) The changes to the hedging relationship that are needed to reflect the changes required by the reform are treated as a continuation of the existing hedging relationship.
- b) If an alternative benchmark rate that is reasonably expected to be separately identifiable within a period of 24 months, the Group designates the rate as a non-contractually specified risk component.
- c) After a cash flow hedging relationship is amended, the amount accumulated in the gain/(loss) on hedging instruments of cash flow hedge is deemed to be based on the alternative benchmark rate on which the hedged future cash flows are determined.
- d) The Group allocates the hedged items of a group hedge that is subject to the reform to subgroups based on whether the hedged items have been changed to reference an alternative benchmark rate, and designates the hedged benchmark rate separately.

2) Amendment to IFRS 16 “Covid-19 - Related Rent Concessions beyond June 30, 2021”

The Group elected to apply the amendment that extends the availability of the practical expedient to lease payments due on or before June 30, 2022. Refer to the Summary of Significant Accounting Policies in the consolidated financial statements for the year ended December 31, 2020 for the relevant accounting policies of the practical expedient.

b. New IFRSs in issue but not yet endorsed and issued into effect by the FSC

<b>New IFRSs</b>	<b>Effective Date Announced by IASB (Note 1)</b>
“Annual Improvements to IFRS Standards 2018-2020”	January 1, 2022 (Note 2)
Amendments to IFRS 3 “Reference to the Conceptual Framework”	January 1, 2022 (Note 3)
Amendments to IFRS 10 and IAS 28 “Sale or Contribution of Assets between An Investor and Its Associate or Joint Venture”	To be determined by IASB
IFRS 17 “Insurance Contracts”	January 1, 2023
Amendments to IFRS 17	January 1, 2023
Amendments to IAS 1 “Classification of Liabilities as Current or Non-current”	January 1, 2023
Amendments to IAS 1 “Disclosure of Accounting Policies”	January 1, 2023 (Note 6)
Amendments to IAS 8 “Definition of Accounting Estimates”	January 1, 2023 (Note 7)
Amendments to IAS 12 “Deferred Tax related to Assets and Liabilities arising from a Single Transaction”	January 1, 2023 (Note 8)
Amendments to IAS 16 “Property, Plant and Equipment - Proceeds before Intended Use”	January 1, 2022 (Note 4)
Amendments to IAS 37 “Onerous Contracts - Cost of Fulfilling a Contract”	January 1, 2022 (Note 5)

Note 1: Unless stated otherwise, the above New IFRSs are effective for annual reporting periods beginning on or after their respective effective dates.

Note 2: The amendments to IFRS 9 will be applied prospectively to modifications and exchanges of financial liabilities that occur on or after the annual reporting periods beginning on or after January 1, 2022. The amendments to IAS 41 “Agriculture” will be applied prospectively to the fair value measurements on or after the annual reporting periods beginning on or after January 1, 2022. The amendments to IFRS 1 “First-time Adoptions of IFRSs” will be applied retrospectively for annual reporting periods beginning on or after January 1, 2022.

- Note 3: The amendments are applicable to business combinations for which the acquisition date is on or after the beginning of the annual reporting period beginning on or after January 1, 2022.
- Note 4: The amendments are applicable to property, plant and equipment that are brought to the location and condition necessary for them to be capable of operating in the manner intended by management on or after January 1, 2021.
- Note 5: The amendments are applicable to contracts for which the entity has not yet fulfilled all its obligations on January 1, 2022.
- Note 6: The amendments will be applied prospectively for annual reporting periods beginning on or after January 1, 2023.
- Note 7: The amendments are applicable to changes in accounting estimates and changes in accounting policies that occur on or after the beginning of the annual reporting period beginning on or after January 1, 2023.
- Note 8: Except that deferred taxes will be recognized on January 1, 2022 for temporary differences associated with leases and decommissioning obligations, the amendments will be applied prospectively to transactions that occur on or after January 1, 2022.

As of the date the consolidated financial statements were authorized for issue, the Group is continuously assessing the possible impact that the application of other standards and interpretations will have on the Group's financial position and financial performance and will disclose the relevant impact when the assessment is completed.

#### **4. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

##### **Statement of Compliance**

The consolidated financial statements have been prepared in accordance with the Regulations Governing the Preparation of Financial Reports by Public Bank and IAS 34 as endorsed and issued into effect by the FSC. Disclosure information included in these consolidated financial statements is less than the disclosure information required in a complete set of annual consolidated financial statements.

##### **Basis of Preparation**

The consolidated financial statements have been prepared on the historical cost basis except for financial instruments which are measured at fair values, and net defined benefit liabilities which are measured at the present value of the defined benefit obligation less the fair value of plan assets.

The fair value measurements, which are grouped into Levels 1 to 3 based on the degree to which the fair value measurement inputs are observable and based on the significance of the inputs to the fair value measurement in its entirety, are described as follows:

- a. Level 1 inputs are quoted prices (unadjusted) in active markets for identical assets or liabilities;
- b. Level 2 inputs are inputs other than quoted prices included within Level 1 that are observable for an asset or liability, either directly (i.e., as prices) or indirectly (i.e., derived from prices); and
- c. Level 3 inputs are unobservable inputs for an asset or liability.

## **Basis of Consolidation**

The consolidated financial statements incorporate the financial statements of the Company and the entities controlled by the Company (i.e., its subsidiaries).

When necessary, adjustments are made to the financial statements of subsidiaries to bring their accounting policies into line with those used by the Company.

All intra-group transactions, balances, income and expenses are eliminated in full upon consolidation.

See Note 15 and Table 1 for detailed information on subsidiaries (including percentages of ownership and main businesses).

## **Other Significant Accounting Policies**

Except for the following, for the summary of other significant accounting policies, refer to the Group's consolidated financial statements for the year ended December 31, 2020.

### **a. Retirement benefits**

Pension cost for an interim period is calculated on a year-to-date basis by using the actuarially determined pension cost rate at the end of the prior financial year, adjusted for significant market fluctuations since that time and for significant plan amendments, settlements, or other significant one-off events

### **b. Taxation**

Income tax expense represents the sum of the tax currently payable and deferred tax. Interim period income taxes are assessed on an annual basis and calculated by applying to an interim period's pre-tax income the tax rate that would be applicable to expected total annual earnings.

### **c. Modification of financial instruments**

When a financial instrument is modified, the Group assesses whether the modification will result in derecognition. If modification of a financial instrument results in derecognition, it is accounted for as derecognition of financial assets or liabilities. If the modification does not result in derecognition, the Group recalculates the gross carrying amount of the financial asset or the amortized cost of the financial liability based on the modified cash flows discounted at the original effective interest rate with any modification gain or loss recognized in profit or loss. The cost incurred is adjusted to the carrying amount of the modified financial asset or financial liability and amortized over the modified remaining period.

For the changes in the basis for determining contractual cash flows of financial assets or financial liabilities resulting from the interest rate benchmark reform, the Group elects to apply the practical expedient in which the changes are accounted for by updating the effective interest rate at the time the basis is changed, provided the changes are necessary as a direct consequence of the reform and the new basis is economically equivalent to the previous basis. When multiple changes are made to a financial asset or a financial liability, the Group first applies the practical expedient to those changes required by interest rate benchmark reform, and then applies the requirements of modification of financial instruments to the other changes that cannot apply the practical expedient.

## 5. CRITICAL ACCOUNTING JUDGMENTS AND KEY SOURCES OF ESTIMATION UNCERTAINTY

Refer to the summary of critical accounting judgements and key sources of estimation uncertainty in the Group's consolidated financial statements for the year ended December 31, 2020.

## 6. CASH AND CASH EQUIVALENTS/DUE FROM THE CENTRAL BANK AND CALL LOANS TO BANKS/DUE TO THE CENTRAL BANK AND BANKS

### a. Cash and cash equivalents

	March 31, 2021	December 31, 2020	March 31, 2020
Cash on hand	\$ 13,295,681	\$ 12,204,073	\$ 12,508,047
Checks for clearing	4,664,273	4,251,010	2,721,621
Due from banks	7,505,762	8,266,344	8,325,701
Foreign currencies on hand	<u>1,657,670</u>	<u>1,731,098</u>	<u>1,852,843</u>
	<u>\$ 27,123,386</u>	<u>\$ 26,452,525</u>	<u>\$ 25,408,212</u>

Refer to the consolidated statement of cash flows for the information on reconciliation and of cash and cash equivalents as of March 31, 2021 and 2020. Cash and cash equivalents as of December 31, 2020 as shown in the consolidated statement of cash flows can be reconciled to the related items in the consolidated balance sheets as follows:

	December 31, 2020
Cash and cash equivalents	\$ 26,452,525
Call loans to banks	<u>149,002,160</u>
	<u>\$ 175,454,685</u>

### b. Due from Central Bank and call loans to banks

	March 31, 2021	December 31, 2020	March 31, 2020
Call loans to banks	\$ 111,135,682	\$ 149,002,160	\$ 92,896,332
Reserve for checking accounts	51,096,208	26,392,663	38,924,410
Reserve for demand accounts	52,317,597	49,651,547	44,838,928
Reserve for foreign deposits	534,378	531,980	471,963
Others	<u>7,380,241</u>	<u>10,161,081</u>	<u>5,893,961</u>
	<u>\$ 222,464,106</u>	<u>\$ 235,739,431</u>	<u>\$ 183,025,594</u>

Cash and cash equivalents and due from the Central Bank and call loans to banks are assessed for impairment using approach similar to those used for investments in debt instruments (refer to Note 10). The Group considers its cash and cash equivalents to have low credit risk so its credit loss evaluation is on a 12-month expected credit loss basis.

c. Due to the Central Bank and banks

	<b>March 31, 2021</b>	<b>December 31, 2020</b>	<b>March 31, 2020</b>
Other dues to the Central Bank	<u>\$ 16,966,890</u>	<u>\$ 14,829,050</u>	<u>\$ -</u>

The Group set aside \$30,000,000 thousand for the Central Bank reserves for demand account in accordance with the Central Bank's regulations on capital requirements as a response to the COVID-19.

## 7. FINANCIAL INSTRUMENTS AT FAIR VALUE THROUGH PROFIT OR LOSS

### Financial Assets at Fair Value through Profit or Loss (FVTPL)

	<b>March 31, 2021</b>	<b>December 31, 2020</b>	<b>March 31, 2020</b>
Financial assets mandatorily classified at FVTPL			
Derivative financial assets (not under hedge accounting)			
Futures	\$ 142,702	\$ 120,403	\$ 126,494
Forward exchange contracts	102,844	124,452	67,116
Interest rate swaps	294,704	394,122	777,615
Cross-currency swaps	-	-	15,449
Currency swaps	5,112,610	4,915,742	1,806,888
Currency call option premiums	40,488	105,119	63,419
Non-derivative financial assets			
Investment in bills	52,202,944	7,042,832	15,184,649
Domestic listed stock	182,249	-	-
Domestic unquoted stock	171,372	117,616	-
Mutual funds	-	-	250,000
Government bonds	221,609	5,716	5,722
Corporate bonds	<u>901,415</u>	<u>1,755,472</u>	<u>1,168,190</u>
	<u>\$ 59,372,937</u>	<u>\$ 14,581,474</u>	<u>\$ 19,465,542</u>

The par values of notes provided for transactions with repurchase agreements were \$367,700 thousand, \$387,600 thousand and \$337,200 thousand as of March 31, 2021, December 31, 2020 and March 31, 2020, respectively.

### Financial Liabilities at FVTPL

	<b>March 31, 2021</b>	<b>December 31, 2020</b>	<b>March 31, 2020</b>
Financial liabilities held for trading			
Derivative financial liabilities (not applying hedge accounting)			
Forward contracts	\$ 66,708	\$ 71,115	\$ 46,952
Interest rate swaps	294,088	390,853	778,712
Cross-currency swaps	-	211,325	116,357
Currency swaps	2,610,167	6,515,131	1,531,227
Currency put option premiums	<u>40,515</u>	<u>105,141</u>	<u>63,425</u>
	<u>\$ 3,011,478</u>	<u>\$ 7,293,565</u>	<u>\$ 2,536,673</u>

The Group entered into derivative contracts during the three months ended March 31, 2021 and 2020 to manage exposures due to exchange rate and interest rate fluctuations. The financial risk management objective of the Group is to minimize risks due to changes in fair value and cash flows.

The nominal principal amounts of outstanding derivative contracts as of March 31, 2021, December 31, 2020 and March 31, 2020 were as follows:

	<b>March 31, 2021</b>	<b>December 31, 2020</b>	<b>March 31, 2020</b>
Currency swaps	\$ 543,339,763	\$ 460,858,070	\$ 568,760,564
Currency options	16,652,980	15,472,077	20,897,821
Forward exchange contracts	15,786,809	17,924,875	15,147,480
Interest rate swaps	172,249,335	191,201,583	303,444,635
Cross-currency swaps	-	3,091,000	10,269,700

## 8. FINANCIAL ASSETS AT FAIR VALUE THROUGH OTHER COMPREHENSIVE INCOME

	<b>March 31, 2021</b>	<b>December 31, 2020</b>	<b>March 31, 2020</b>
Investments in equity instruments at FVTOCI			
Domestic listed stock	\$ 9,228,404	\$ 7,362,952	\$ 5,845,303
Domestic unquoted stock	<u>9,402,414</u>	<u>8,861,275</u>	<u>7,585,353</u>
	<u>18,630,818</u>	<u>16,224,227</u>	<u>13,430,656</u>
Investments in debt instruments at FVTOCI			
Government bonds	22,059,251	26,568,737	19,899,843
Corporate bonds	45,474,044	31,986,914	19,340,909
Bank notes	47,629,432	42,184,984	41,534,261
Bonds issued by international organizations	4,233,978	2,154,265	6,546,492
Beneficiary and asset-based securities	7,563,722	2,669,006	4,786,914
Investments in bills	<u>1,149,976</u>	<u>907,688</u>	<u>1,050,085</u>
	<u>128,110,403</u>	<u>106,471,594</u>	<u>93,158,504</u>
	<u>\$ 146,741,221</u>	<u>\$ 122,695,821</u>	<u>\$ 106,589,160</u>

A portion of investments in equity instruments is for strategic instruments and are not held for trading, the management designated these investments as at FVTOCI.

- Refer to Note 10 for information relating to their credit risk management and impairment.
- The par value of bonds provided for transactions with repurchase agreement were \$1,075,300 thousand, \$762,200 thousand and \$1,352,900 thousand as of March 31, 2021, December 31, 2020 and March 31, 2020, respectively.
- Government bonds placed as deposits in courts amounted to \$332,200 thousand, \$295,900 thousand and \$335,500 thousand as of March 31, 2021, December 31, 2020 and March 31, 2020, respectively. Another government bonds placed as operating deposits amounted to \$330,000 thousand; government bonds placed as reserve fund for trust compensation amounted to \$220,000 thousand; overseas branches' bonds provided as collateral for operations were \$283,787 thousand, \$281,069 thousand and \$145,710 thousand as of March 31, 2021, December 31, 2020 and March 31, 2020, respectively. Refer to Note 37 for information relating to investments in debt instruments at FVTOCI pledged as security.



## 9. INVESTMENTS IN DEBT INSTRUMENTS AT AMORTIZED COST

	March 31, 2021	December 31, 2020	March 31, 2020
Investments in bills	\$ 356,153,483	\$ 338,044,687	\$ 284,197,224
Bank notes	1,139,953	2,822,380	4,922,663
Corporate bonds	-	-	446,132
Government bonds	<u>6,394,836</u>	<u>4,416,380</u>	<u>4,453,959</u>
	<u>\$ 363,688,272</u>	<u>\$ 345,283,447</u>	<u>\$ 294,019,978</u>

- Refer to Note 10 for information relating to their credit risk management and impairment.
- The amounts of the overseas branches' bonds provided as collateral for operations were \$142,525 thousand, \$140,500 thousand and \$271,793 thousand as of March 31, 2021, December 31, 2020 and March 31, 2020, respectively.
- Certificates of deposits placed as reserves for clearing at the Central Bank amounted to \$36,000,000 thousand; certificates of deposit which were issued by Central Bank and pledged for call loans from banks amounted to \$5,300,000 thousand as of March 31, 2021, December 31, 2020 and March 31, 2020.
- Refer to Note 37 for information relating to investments in debt instruments at amortized cost pledged as security.

## 10. CREDIT RISK MANAGEMENT FOR INVESTMENTS IN DEBT INSTRUMENTS

Investments in debt instruments are classified as at FVTOCI and as at amortized cost.

### March 31, 2021

	At FVTOCI	At Amortized Cost	Total
Gross carrying amount	\$ 128,310,350	\$ 363,688,565	\$ 491,998,915
Less: Allowance for impairment loss	<u>(47,168)</u>	<u>(293)</u>	<u>(47,461)</u>
Amortized cost	128,263,182	<u>\$ 363,688,272</u>	491,951,454
Adjustment to fair value	<u>(152,779)</u>		<u>(152,779)</u>
	<u>\$ 128,110,403</u>		<u>\$ 491,798,675</u>

### December 31, 2020

	At FVTOCI	At Amortized Cost	Total
Gross carrying amount	\$ 105,793,218	\$ 345,285,234	\$ 451,078,452
Less: Allowance for impairment loss	<u>(39,374)</u>	<u>(1,787)</u>	<u>(41,161)</u>
Amortized cost	105,753,844	<u>\$ 345,283,447</u>	451,037,291
Adjustment to fair value	<u>717,750</u>		<u>717,750</u>
	<u>\$ 106,471,594</u>		<u>\$ 451,755,041</u>

March 31, 2020

	<b>At FVTOCI</b>	<b>At Amortized Cost</b>	<b>Total</b>
Gross carrying amount	\$ 93,491,539	\$ 294,022,706	\$ 387,514,245
Less: Allowance for impairment loss	<u>(31,023)</u>	<u>(2,728)</u>	<u>(33,751)</u>
Amortized cost	93,460,516	<u>\$ 294,019,978</u>	387,480,494
Adjustment to fair value	<u>(302,012)</u>		<u>(302,012)</u>
	<u>\$ 93,158,504</u>		<u>\$ 387,178,482</u>

The Group only invests in debt instruments that are rated as investment grade or higher and are assessed as having low credit impairment. The credit rating information is supplied by independent rating agencies. The Group's exposure and the external credit ratings are continuously monitored and assessed for whether there has been a significant increase in credit risk since the last period to the reporting date.

The Group considers the historical default rates of each credit rating supplied by external rating agencies to estimate 12-month or lifetime expected credit losses. The Group's current credit risk grading framework comprises the following categories:

<b>Category</b>	<b>Description</b>	<b>Basis for Recognizing Expected Credit Losses</b>
Performing	The counterparty has a low risk of default and a strong capacity to meet contractual cash flows.	12-month ECLs
Doubtful	There has been a significant increase in credit risk since initial recognition.	Lifetime ECLs - not credit impaired
Defaulted	There is evidence indicating that the asset is credit impaired.	Lifetime ECLs - credit impaired

Gross carrying amount and applicable expected credit loss rate of investments in debt instruments are as follows:

March 31, 2021

<b>Category</b>	<b>Expected Loss Rate</b>	<b>At FVTOCI</b>	<b>At Amortized Cost</b>
Performing	0%-0.3365%	<u>\$ 128,310,350</u>	<u>\$ 363,688,565</u>

December 31, 2020

<b>Category</b>	<b>Expected Loss Rate</b>	<b>At FVTOCI</b>	<b>At Amortized Cost</b>
Performing	0%-0.3365%	<u>\$ 105,793,218</u>	<u>\$ 345,285,234</u>

March 31, 2020

<b>Category</b>	<b>Expected Loss Rate</b>	<b>At FVTOCI</b>	<b>At Amortized Cost</b>
Performing	0%-0.3271%	<u>\$ 93,491,539</u>	<u>\$ 294,022,706</u>

At FVTOCI

Allowance for Impairment Loss	Credit Rating			Total
	Performing (12-month ECLs)	Doubtful (Lifetime ECLs - Not Credit- impaired)	Defaulted (Lifetime ECLs - Credit- impaired)	
Balance at January 1, 2021	\$ 39,374	\$ -	\$ -	\$ 39,374
Purchase of investments in debt instruments	10,445	-	-	10,445
Derecognition	(1,095)	-	-	(1,095)
Change in exchange rates or others	<u>(1,556)</u>	<u>-</u>	<u>-</u>	<u>(1,556)</u>
Balance at March 31, 2021	<u>\$ 47,168</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 47,168</u>
Balance at January 1, 2020	\$ 33,713	\$ 26,651	\$ -	\$ 60,364
Transfers from doubtful to performing	96	(26,651)	-	(26,555)
Purchase of investments in debt instruments	2,283	-	-	2,283
Derecognition	(4,827)	-	-	(4,827)
Change in exchange rates or others	<u>(242)</u>	<u>-</u>	<u>-</u>	<u>(242)</u>
Balance at March 31, 2020	<u>\$ 31,023</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 31,023</u>

At amortized cost

Allowance for Impairment Loss	Credit Rating			Total
	Performing (12-month ECLs)	Doubtful (Lifetime ECLs - Not Credit- impaired)	Defaulted (Lifetime ECLs - Credit- impaired)	
Balance at January 1, 2021	\$ 1,787	\$ -	\$ -	\$ 1,787
Derecognition	(1,354)	-	-	(1,354)
Change in exchange rates or others	<u>(140)</u>	<u>-</u>	<u>-</u>	<u>(140)</u>
Balance at March 31, 2021	<u>\$ 293</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 293</u>
Balance at January 1, 2020	\$ 4,366	\$ -	\$ -	\$ 4,366
Purchase of investments in debt instruments	36	-	-	36
Derecognition	(1,667)	-	-	(1,667)
Change in exchange rates or others	<u>(7)</u>	<u>-</u>	<u>-</u>	<u>(7)</u>
Balance at March 31, 2020	<u>\$ 2,728</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 2,728</u>

## 11. RECEIVABLES, NET

### a. Details of receivables

	March 31, 2021	December 31, 2020	March 31, 2020
Accounts receivable	\$ 10,311,320	\$ 9,266,689	\$ 9,000,855
Accrued incomes	1,228	4,501	1,429
Interests receivable	3,075,476	3,137,784	3,936,850
Acceptances receivable	5,250,649	4,518,519	3,673,768
Credit cards accounts receivable	2,309,140	2,306,682	1,943,171
Settlement price	934,203	856,397	279,813
Accounts receivable for settlement	949,176	648,785	274,551
Other receivables	<u>1,059,960</u>	<u>1,042,568</u>	<u>1,313,514</u>
	23,891,152	21,781,925	20,423,951
Less: Allowance for bad debts, receivables	<u>(319,109)</u>	<u>(300,587)</u>	<u>(274,382)</u>
	<u>\$ 23,572,043</u>	<u>\$ 21,481,338</u>	<u>\$ 20,149,569</u>

### b. Allowance for receivables

#### 1) Movements in the allowance for receivables

For the Three Months Ended March 31, 2021						
	12-month Expected Credit Losses	Lifetime Expected Credit Losses	Realized Credit Impairment	Loss Recognized Based on IFRS 9	Recognized Impairment Difference Based on Regulations of the Procedures for Banking Institutions to Evaluate Assets and Deal With Non- performing Loans and Bad Debts	Total
Receivables						
Beginning balance	\$ 20,940	\$ 5,234	\$ 28,420	\$ 54,594	\$ 245,993	\$ 300,587
Changes from financial instruments recognized at the beginning of the period:						
Transfers to lifetime expected credit losses	(17)	27	(10)	-	-	-
Transfers to credit-impaired financial assets	(295)	(41)	336	-	-	-
Transfers to 12-month expected credit losses	27	(17)	(10)	-	-	-
Financial assets derecognized for the period	(17,165)	(2,490)	(16,370)	(36,025)	-	(36,025)
Purchase or originated financial assets	21,190	1,196	37,502	59,888	-	59,888

(Continued)

For the Three Months Ended March 31, 2021						
	12-month Expected Credit Losses	Lifetime Expected Credit Losses	Realized Credit Impairment	Loss Recognized Based on IFRS 9	Recognized Impairment Difference Based on Regulations of the Procedures for Banking Institutions to Evaluate Assets and Deal With Non- performing Loans and Bad Debts	Total
Recognized impairment difference based on the Regulations of the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing Loans and Bad Debts	\$ -	\$ -	\$ -	\$ -	\$ (674)	\$ (674)
Doubtful debts written off	-	-	(4,735)	(4,735)	-	(4,735)
Changes in exchange rates or others	15	6	47	68	-	68
Ending balance	<u>\$ 24,695</u>	<u>\$ 3,915</u>	<u>\$ 45,180</u>	<u>\$ 73,790</u>	<u>\$ 245,319</u>	<u>\$ 319,109</u>

(Concluded)

For the Three Months Ended March 31, 2020						
	12-month Expected Credit Losses	Lifetime Expected Credit Losses	Realized Credit Impairment	Loss Recognized Based on IFRS 9	Recognized Impairment Difference Based on Regulations of the Procedures for Banking Institutions to Evaluate Assets and Deal With Non- performing Loans and Bad Debts	Total
Receivables						
Beginning balance	\$ 22,941	\$ 3,535	\$ 44,895	\$ 71,371	\$ 368,111	\$ 439,482
Changes from financial instruments recognized at the beginning of the period:						
Transfers to lifetime expected credit losses	(11)	43	(35)	(3)	-	(3)
Transfers to credit-impaired financial assets	(3)	(34)	422	385	-	385
Transfers to 12-month expected credit losses	457	(35)	(224)	198	-	198
Financial assets derecognized for the period	(19,307)	(1,426)	(33,663)	(54,396)	-	(54,396)
Purchase or originated financial assets	14,413	1,197	27,975	43,585	-	43,585

(Continued)

For the Three Months Ended March 31, 2020						
	12-month Expected Credit Losses	Lifetime Expected Credit Losses	Realized Credit Impairment	Loss Recognized Based on IFRS 9	Recognized Impairment Difference Based on Regulations of the Procedures for Banking Institutions to Evaluate Assets and Deal With Non- performing Loans and Bad Debts	Total
Recognized impairment difference based on the Regulations of the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing Loans and Bad Debts	\$ -	\$ -	\$ -	\$ -	\$ (151,002)	\$ (151,002)
Doubtful debts written off	-	-	(3,893)	(3,893)	-	(3,893)
Changes in exchange rates or others	16	-	10	26	-	26
Ending balance	<u>\$ 18,506</u>	<u>\$ 3,280</u>	<u>\$ 35,487</u>	<u>\$ 57,273</u>	<u>\$ 217,109</u>	<u>\$ 274,382</u>

(Concluded)

2) Movements in the total carrying amount of receivables

For the Three Months Ended March 31, 2021				
	12-month Expected Credit Losses	Significant Increase in Risk Due to Lifetime Expected Credit Losses	Credit Impairment Due to Lifetime Expected Credit Losses	Total
Beginning balance	\$ 21,406,829	\$ 253,128	\$ 121,968	\$ 21,781,925
Changes from financial instruments recognized at the beginning of the period:				
Transfers to lifetime expected credit loss	(3,737)	3,800	(63)	-
Transfers to credit-impaired financial assets	(2,462)	(4,185)	6,647	-
Transfers to 12-month expected credit losses	1,893	(1,723)	(170)	-
Purchase or originated financial assets	12,589,269	54,054	236,751	12,880,074
Derecognized	(10,523,025)	(173,662)	(76,644)	(10,773,331)
Doubtful debts written off	-	-	(4,735)	(4,735)
Changes in exchange rates or others	6,641	510	68	7,219
Ending balance	<u>\$ 23,475,408</u>	<u>\$ 131,922</u>	<u>\$ 283,822</u>	<u>\$ 23,891,152</u>

	For the Three Months Ended March 31, 2020			
	12-month Expected Credit Losses	Significant Increase in Risk Due to Lifetime Expected Credit Losses	Credit Impairment Due to Lifetime Expected Credit Losses	Total
Beginning balance	\$ 23,209,296	\$ 162,789	\$ 268,434	\$ 23,640,519
Changes from financial instruments recognized at the beginning of the period:				
Transfers to lifetime expected credit loss	(16,158)	12,475	(186)	(3,869)
Transfers to credit-impaired financial assets	(8,378)	(7,589)	11,395	(4,572)
Transfers to 12-month expected credit losses	92,939	(4,146)	(563)	88,230
Purchase or originated financial assets	9,784,597	24,754	123,086	9,932,437
Derecognized	(12,919,030)	(92,119)	(219,003)	(13,230,152)
Doubtful debts written off	-	-	(3,893)	(3,893)
Changes in exchange rates or others	5,410	(229)	70	5,251
Ending balance	<u>\$ 20,148,676</u>	<u>\$ 95,935</u>	<u>\$ 179,340</u>	<u>\$ 20,423,951</u>

## 12. DISCOUNTS AND LOANS, NET

### a. Details of discounts and loans

	March 31, 2021	December 31, 2020	March 31, 2020
Negotiated and discounted	\$ 3,223,177	\$ 3,425,322	\$ 2,977,641
Overdrafts	1,105,099	1,297,092	1,221,583
Short-term loans	392,871,854	385,124,720	445,473,936
Margin loans receivable	398,612	353,805	181,461
Medium-term loans	435,246,373	435,044,534	426,486,006
Long-term loans	680,395,943	666,647,255	606,268,161
Overdue loans	<u>4,967,737</u>	<u>4,942,391</u>	<u>4,340,348</u>
	1,518,208,795	1,496,835,119	1,486,949,136
Less: Allowance for loan losses	<u>(18,940,218)</u>	<u>(18,948,274)</u>	<u>(17,833,806)</u>
	<u>\$ 1,499,268,577</u>	<u>\$ 1,477,886,845</u>	<u>\$ 1,469,115,330</u>

Loans of which the accrual of interest income had ceased internally as of March 31, 2021, December 31, 2020 and March 31, 2020 were \$4,967,737 thousand, \$4,942,391 thousand and \$4,340,348 thousand, respectively. The amounts of interest income that would have been accrued on these loans for the three months ended March 31, 2021 and 2020 were \$31,918 thousand and \$28,972 thousand, respectively.

The Group did not write off any loans without legal claims process during the three months ended March 31, 2021 and 2020.

b. Allowance for discounts and loans

1) Movements in the allowance for discounts and loans

For the Three Months Ended March 31, 2021						
	12-month Expected Credit Losses	Lifetime Expected Credit Losses	Realized Credit Impairment	Loss Recognized Based on IFRS 9	Recognized Impairment Difference Based on Regulations of the Procedures for Banking Institutions to Evaluate Assets and Deal With Non- performing Loans and Bad Debts	Total
Loans						
Beginning balance	\$ 1,595,328	\$ 2,099,425	\$ 5,742,200	\$ 9,436,953	\$ 9,511,321	\$ 18,948,274
Changes from financial instruments recognized at the beginning of the period:						
Transfers to lifetime expected credit losses	(5,251)	5,341	(90)	-	-	-
Transfers to credit-impaired financial assets	(451)	(16,234)	16,685	-	-	-
Transfers to 12-month expected credit losses	31,712	(30,008)	(1,704)	-	-	-
Financial assets derecognized for the period	(402,984)	(389,589)	(47,131)	(839,704)	-	(839,704)
Purchased or originated financial assets	584,753	325,718	831,423	1,741,894	-	1,741,894
Recognized impairment difference based on the Regulations of the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing Loans and Bad Debts	-	-	-	-	14,569	14,569
Doubtful debts written off	-	-	(967,967)	(967,967)	-	(967,967)
Changes in exchange rates or others	1,509	3,574	38,069	43,152	-	43,152
Ending balance	<u>\$ 1,804,616</u>	<u>\$ 1,998,227</u>	<u>\$ 5,611,485</u>	<u>\$ 9,414,328</u>	<u>\$ 9,525,890</u>	<u>\$ 18,940,218</u>
For the Three Months Ended March 31, 2020						
	12-month Expected Credit Losses	Lifetime Expected Credit Losses	Realized Credit Impairment	Loss Recognized Based on IFRS 9	Recognized Impairment Difference Based on Regulations of the Procedures for Banking Institutions to Evaluate Assets and Deal With Non- performing Loans and Bad Debts	Total
Loans						
Beginning balance	\$ 1,772,566	\$ 1,920,375	\$ 5,033,684	\$ 8,726,625	\$ 8,810,639	\$ 17,537,264
Changes from financial instruments recognized at the beginning of the period:						
Transfers to lifetime expected credit losses	(5,098)	12,046	(7,820)	(872)	-	(872)
Transfers to credit-impaired financial assets	(2,961)	(48,111)	44,461	(6,611)	-	(6,611)
Transfers to 12-month expected credit losses	117,571	(69,550)	(49,006)	(985)	-	(985)
Financial assets derecognized for the period	(674,192)	(318,266)	(806,683)	(1,799,141)	-	(1,799,141)

(Continued)



For the Three Months Ended March 31, 2020						
	12-month Expected Credit Losses	Lifetime Expected Credit Losses	Realized Credit Impairment	Loss Recognized Based on IFRS 9	Recognized Impairment Difference Based on Regulations of the Procedures for Banking Institutions to Evaluate Assets and Deal With Non- performing Loans and Bad Debts	Total
Purchased or originated financial assets	\$ 524,634	\$ 904,022	\$ 2,843,289	\$ 4,271,945	\$ -	\$ 4,271,945
Recognized impairment difference based on the Regulations of the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing Loans and Bad Debts	-	-	-	-	(1,572,278)	(1,572,278)
Doubtful debts written off	-	-	(603,986)	(603,986)	-	(603,986)
Changes in exchange rates or others	986	873	6,611	8,470	-	8,470
Ending balance	<u>\$ 1,733,506</u>	<u>\$ 2,401,389</u>	<u>\$ 6,460,550</u>	<u>\$ 10,595,445</u>	<u>\$ 7,238,361</u>	<u>\$ 17,833,806</u>

(Concluded)

2) Movements in the total carrying amount of discounts and loans

For the Three Months Ended March 31, 2021				
	12-month Expected Credit Losses	Significant Increase in Risk Due to Lifetime Expected Credit Losses	Credit Impairment Due to Lifetime Expected Credit Losses	Total
Beginning balance	\$ 1,412,549,836	\$ 69,691,173	\$ 14,594,110	\$ 1,496,835,119
Changes from financial instruments recognized at the beginning of the period:				
Transfers to lifetime expected credit losses	(2,659,082)	2,660,046	(964)	-
Transfers to credit-impaired financial assets	(227,692)	(856,807)	1,084,499	-
Transfers to 12-month expected credit losses	1,212,031	(1,196,615)	(15,416)	-
Financing assets derecognized for the period	(290,558,529)	(15,898,290)	(1,215,266)	(307,672,085)
Purchase or originated financial assets	316,046,527	12,224,703	989,092	329,260,322
Doubtful debts written off	-	-	(967,967)	(967,967)
Changes in exchange rates or others	482,540	207,795	63,071	753,406
Ending balance	<u>\$ 1,436,845,631</u>	<u>\$ 66,832,005</u>	<u>\$ 14,531,159</u>	<u>\$ 1,518,208,795</u>

	For the Three Months Ended March 31, 2020			
	12-month Expected Credit Losses	Significant Increase in Risk Due to Lifetime Expected Credit Losses	Credit Impairment Due to Lifetime Expected Credit Losses	Total
Beginning balance	\$ 1,366,328,215	\$ 64,407,067	\$ 14,152,929	\$ 1,444,888,211
Changes from financial instruments recognized at the beginning of the period:				
Transfers to lifetime expected credit losses	(3,758,676)	3,817,549	(40,865)	18,008
Transfers to credit-impaired financial assets	(1,448,620)	(2,343,250)	3,761,231	(30,639)
Transfers to 12-month expected credit losses	3,351,723	(3,364,069)	(85,449)	(97,795)
Financing assets derecognized for the period	(320,189,319)	(17,472,506)	(3,074,109)	(340,735,934)
Purchase or originated financial assets	367,679,612	13,740,541	1,980,690	383,400,843
Doubtful debts written off	-	-	(603,986)	(603,986)
Changes in exchange rates or others	97,795	(18,008)	30,641	110,428
Ending balance	<u>\$ 1,412,060,730</u>	<u>\$ 58,767,324</u>	<u>\$ 16,121,082</u>	<u>\$ 1,486,949,136</u>

- c. Details of provision for bad debts expense, commitment and guarantee for the three months ended March 31, 2021 and 2020

	For the Three Months Ended March 31	
	2021	2020
Provision for receivable and loan (including overdue loan) losses	\$ 565,844	\$ 532,888
Reversal for loan commitment	(8,367)	(7,965)
Provision for guarantee liability	13,983	37,777
Provision for others	<u>4,094</u>	<u>9,422</u>
	<u>\$ 575,554</u>	<u>\$ 572,122</u>

### 13. FINANCIAL ASSETS FOR HEDGING

	March 31, 2021	December 31, 2020	March 31, 2020
Financial assets for hedging			
Fair value hedges - interest rate swaps	<u>\$ 202,941</u>	<u>\$ 231,693</u>	<u>\$ 301,740</u>

The Group used interest rate swaps to minimize its exposure to the fair value fluctuations of its fixed-rate borrowings by entering into fixed-to-floating interest rate swap contracts. The interest swaps and the corresponding borrowings have the same terms, and management believes that the interest rate swaps are highly effective hedging instruments. The respective, nominal principal amount of the Group's outstanding interest rate swaps as of March 31, 2021, December 31, 2020 and March 31, 2020 was \$8,200,000 thousand. The maturity period is from April 19, 2021 to September 27, 2026.

The fixed-to-floating interest swaps were designated and effective fair value hedging instruments. During the three months ended March 31, 2021 and 2020, the swaps were effective in hedging the fair value exposure to interest rate movements, and as a result, the carrying amount of the fixed-rate borrowings were adjusted by \$224,275 thousand, \$251,032 thousand and \$317,340 thousand as of March 31, 2021, December 31, 2020 and March 31, 2020, respectively; these amounts were included in profit or loss at the same time that the fair value of the interest rate swap was included in profit or loss.

The information of hedging transactions is as follows:

- a. Hedging type: Fair value hedging.
- b. Hedging objective: To minimize the Group's risks from changes in fair value due to fluctuating interest rates, by converting fixed-rate notes to floating-rate notes.
- c. Hedging method: By signing interest rate swap contracts, which pay floating rates (interest rate range: 0.4798%-0.4800%) and charge fixed rates (interest rate range: 1.2900%-1.6075%).
- d. Hedging effect: The results of hedging are all within the effective range of hedge accounting as defined by IFRSs. The realized losses from hedging tools were \$8,103 thousand for the three months ended March 31, 2021 and the realized gains from hedging tools were \$71,530 thousand for the three months ended March 31 2020. The realized gains from fair-value hedging were \$26,757 thousand for the three months ended March 31, 2021 and the realized losses from fair-value hedging were \$56,326 thousand for the three months ended March 31 2020. The realized gains or losses from hedging tools and the realized gains or losses from fair-value hedging were accounted for as net other non-interest income and loss.

#### 14. OTHER FINANCIAL ASSETS

	March 31, 2021	December 31, 2020	March 31, 2020
Time deposits with original maturities of more than 3 months	\$ 21,439,000	\$ 25,400,000	\$ 33,208,625
Exchange bills negotiated	35,116	14,941	27,146
Overdue receivables	172,354	170,486	184,098
Call loan to security brokers	142,525	140,500	-
Less: Allowance for bad debts	<u>(134,647)</u>	<u>(135,141)</u>	<u>(137,834)</u>
	<u>\$ 21,654,348</u>	<u>\$ 25,590,786</u>	<u>\$ 33,282,035</u>

The market rates of time deposits with original maturities of more than 3 months were ranging from 0.70%-3.05% and 1.72%-3.25% for the three months ended March 31, 2021 and 2020, respectively.

Refer to Note 37 for information relating to other miscellaneous financial assets pledged as security.

## 15. SUBSIDIARIES

### Subsidiaries Included in Consolidated Financial Statements

Investor	Investee	Main Business	% of Ownership		
			March 31, 2021	December 31, 2020	March 31, 2020
The Bank	Chang Hua Commercial Bank, Ltd.	Banking	100	100	100
The Bank	Chang Hwa Bank Venture Capital Co., Ltd.	Investing	100	100	100

## 16. PROPERTY AND EQUIPMENT

	March 31, 2021	December 31, 2020	March 31, 2020
Assets used by the Group	\$ 20,653,442	\$ 20,715,951	\$ 20,499,077
Assets leased under operating leases	<u>217,704</u>	<u>192,652</u>	<u>173,048</u>
	<u>\$ 20,871,146</u>	<u>\$ 20,908,603</u>	<u>\$ 20,672,125</u>

### a. Asset used by the Group

	Freehold Land	Buildings	Machinery Equipment	Transportation Equipment	Miscellaneous Equipment	Leasehold Improvements	Construction in Progress and Prepayment for Buildings and Equipment	Total
<b>Cost</b>								
Balance at January 1, 2021	\$ 14,814,573	\$ 9,353,976	\$ 4,726,106	\$ 715,939	\$ 1,501,196	\$ 974,085	\$ 110,107	\$ 32,195,982
Additions	-	12,248	8,762	1,868	8,465	159	53,306	84,808
Disposals	-	-	(47,421)	(2,161)	(4,446)	-	-	(54,028)
Transfers to assets leased under operating leases	-	(50,960)	-	-	-	-	-	(50,960)
Reclassification	-	-	-	-	-	-	(818)	(818)
Effect of foreign currency exchange differences	-	1,826	196	21	173	318	39	2,573
Balance at March 31, 2021	<u>\$ 14,814,573</u>	<u>\$ 9,317,090</u>	<u>\$ 4,687,643</u>	<u>\$ 715,667</u>	<u>\$ 1,505,388</u>	<u>\$ 974,562</u>	<u>\$ 162,634</u>	<u>\$ 32,177,557</u>
<b>Accumulated depreciation and impairment</b>								
Balance at January 1, 2021	\$ -	\$ 4,595,870	\$ 4,011,555	\$ 633,634	\$ 1,347,551	\$ 891,421	\$ -	\$ 11,480,031
Disposals	-	-	(47,369)	(2,161)	(4,446)	-	-	(53,976)
Depreciation expense	-	47,362	49,901	5,754	11,234	6,794	-	121,045
Transfers to assets leased under operating leases	-	(23,891)	-	-	-	-	-	(23,891)
Effect of foreign currency exchange differences	-	182	89	15	161	459	-	906
Balance at March 31, 2021	<u>\$ -</u>	<u>\$ 4,619,523</u>	<u>\$ 4,014,176</u>	<u>\$ 637,242</u>	<u>\$ 1,354,500</u>	<u>\$ 898,674</u>	<u>\$ -</u>	<u>\$ 11,524,115</u>
Carrying amount at March 31, 2021	<u>\$ 14,814,573</u>	<u>\$ 4,697,567</u>	<u>\$ 673,467</u>	<u>\$ 78,425</u>	<u>\$ 150,888</u>	<u>\$ 75,888</u>	<u>\$ 162,634</u>	<u>\$ 20,653,442</u>
Carrying amount at December 31, 2020 and January 1, 2021	<u>\$ 14,814,573</u>	<u>\$ 4,758,106</u>	<u>\$ 714,551</u>	<u>\$ 82,305</u>	<u>\$ 153,645</u>	<u>\$ 82,664</u>	<u>\$ 110,107</u>	<u>\$ 20,715,951</u>
<b>Cost</b>								
Balance at January 1, 2020	\$ 14,647,146	\$ 9,108,562	\$ 4,607,029	\$ 732,871	\$ 1,487,286	\$ 968,543	\$ 231,714	\$ 31,783,151
Additions	-	7,220	43,162	2,104	8,872	1,093	5,008	67,459
Disposals	-	-	(6,563)	(3,782)	(5,412)	(9,474)	-	(25,231)
Transfers from assets leased under operating leases	-	9,992	-	-	-	-	-	9,992
Reclassification	-	153	846	-	-	-	(999)	-
Effect of foreign currency exchange differences	-	(5,085)	(980)	(178)	(132)	(172)	(2,202)	(8,749)
Balance at March 31, 2020	<u>\$ 14,647,146</u>	<u>\$ 9,120,842</u>	<u>\$ 4,643,494</u>	<u>\$ 731,015</u>	<u>\$ 1,490,614</u>	<u>\$ 959,990</u>	<u>\$ 233,521</u>	<u>\$ 31,826,622</u>
<b>Accumulated depreciation and impairment</b>								
Balance at January 1, 2020	\$ -	\$ 4,423,584	\$ 3,948,971	\$ 636,296	\$ 1,336,492	\$ 875,385	\$ -	\$ 11,220,728
Disposals	-	-	(6,546)	(3,752)	(5,412)	(9,474)	-	(25,184)
Depreciation expense	-	45,751	51,778	9,374	11,081	7,206	-	125,190
Transfers from assets leased under operating leases	-	7,990	-	-	-	-	-	7,990
Effect of foreign currency exchange differences	-	(515)	(451)	(88)	(105)	(20)	-	(1,179)
Balance at March 31, 2020	<u>\$ -</u>	<u>\$ 4,476,810</u>	<u>\$ 3,993,752</u>	<u>\$ 641,830</u>	<u>\$ 1,342,056</u>	<u>\$ 873,097</u>	<u>\$ -</u>	<u>\$ 11,327,545</u>
Carrying amount at March 31, 2020	<u>\$ 14,647,146</u>	<u>\$ 4,644,032</u>	<u>\$ 649,742</u>	<u>\$ 89,185</u>	<u>\$ 148,558</u>	<u>\$ 86,893</u>	<u>\$ 233,521</u>	<u>\$ 20,499,077</u>

b. Assets leased under operating leases

	<b>Buildings</b>
<u>Cost</u>	
Balance at January 1, 2021	\$ 385,210
Transfers from assets used by the Group	<u>50,960</u>
Balance at March 31, 2021	<u>\$ 436,170</u>
<u>Accumulated depreciation and impairment</u>	
Balance at January 1, 2021	\$ 192,558
Depreciation expense	2,017
Transfers from assets used by the Group	<u>23,891</u>
Balance at March 31, 2021	<u>\$ 218,466</u>
Carrying amount at March 31, 2021	<u>\$ 217,704</u>
Carrying amount at December 31, 2020 and January 1, 2021	<u>\$ 192,652</u>
<u>Cost</u>	
Balance at January 1, 2020	\$ 351,452
Transfers to assets used by the Group	<u>(9,992)</u>
Balance at March 31, 2020	<u>\$ 341,460</u>
<u>Accumulated depreciation and impairment</u>	
Balance at January 1, 2020	\$ 174,839
Depreciation expense	1,563
Transfers to assets used by the Group	<u>(7,990)</u>
Balance at March 31, 2020	<u>\$ 168,412</u>
Carrying amount at March 31, 2020	<u>\$ 173,048</u>

Operating leases relate to buildings owned by the Group with lease terms between 1 and 20 years without an option to extend lease terms. All operating lease contracts contain market review clauses in the event that the lessees exercise their options to extend. The lessees do not have bargain purchase options to acquire the assets at the expiry of the lease periods.

The maturity analysis of lease payments receivable under operating lease payments for property used by the Group was as follows:

	<b>March 31, 2021</b>	<b>December 31, 2020</b>	<b>March 31, 2020</b>
Year 1	\$ 67,977	\$ 68,737	\$ 47,866
Year 2	66,601	67,682	46,794
Year 3	42,018	47,269	36,928
Year 4	9,871	16,435	28,305
Year 5	6,692	6,671	211
Year 6 onwards	<u>18,725</u>	<u>20,330</u>	<u>141</u>
	<u>\$ 211,884</u>	<u>\$ 227,124</u>	<u>\$ 160,245</u>

The above items of property and equipment leased under operating leases are depreciated on a straight-line basis over the estimated useful lives of the assets:

Buildings	
Main buildings	20-60 years
Air-conditioning units	5-10 years
Machinery equipment	4-16 years
Transportation equipment	2-10 years
Miscellaneous equipment	3-10 years
Leasehold improvements	5 years

## 17. LEASE ARRANGEMENTS

### a. Right-of-use assets

	<b>March 31, 2021</b>	<b>December 31, 2020</b>	<b>March 31, 2020</b>
<u>Carrying amount</u>			
Land	\$ 610	\$ 846	\$ 1,609
Buildings	1,583,323	1,443,000	1,583,402
Machinery equipment	21	34	173
Transportation equipment	55,912	61,170	69,101
Miscellaneous equipment	<u>13,773</u>	<u>14,197</u>	<u>15,348</u>
	<u>\$ 1,653,639</u>	<u>\$ 1,519,247</u>	<u>\$ 1,669,633</u>

	<b>For the Three Months Ended March 31</b>	
	<b>2021</b>	<b>2020</b>
Additions to right-of-use assets	<u>\$ 307,179</u>	<u>\$ 224,846</u>
Depreciation charge for right-of-use assets		
Land	\$ 237	\$ 260
Buildings	151,914	155,612
Machinery equipment	11	115
Transportation equipment	9,576	9,228
Miscellaneous equipment	<u>2,283</u>	<u>2,485</u>
	<u>\$ 164,021</u>	<u>\$ 167,700</u>

In addition to the additions and recognition of depreciation expenses mentioned above, the Group's right-of-use assets did not have significant sublease and impairment as of March 31, 2021 and 2020.

b. Lease liabilities

	<b>March 31, 2021</b>	<b>December 31, 2020</b>	<b>March 31, 2020</b>
Carrying amount	<u>\$ 1,480,861</u>	<u>\$ 1,343,548</u>	<u>\$ 1,476,145</u>

Range of discount rate for lease liabilities was as follows:

	<b>March 31, 2021</b>	<b>December 31, 2020</b>	<b>March 31, 2020</b>
Land	0.91%	0.91%	0.91%
Buildings	0.20%-3.53%	0.20%-3.53%	0.20%-2.99%
Machinery equipment	0.20%-2.89%	0.20%-2.89%	0.20%-2.89%
Transportation equipment	0.25%-3.53%	0.53%-3.53%	0.53%-3.00%
Miscellaneous equipment	0.26%-3.40%	0.67%-3.40%	0.86%-2.89%

c. Material lease-in activities and terms

The Group leases certain buildings for operations of branches with lease terms from 3 to 15 years. The lease contract for offices located in New York specifies that lease payments are subject to 4 modifications during the lease terms and the Group can sublease the underlying assets. The lease contracts for offices located in Hong Kong and Taiwan specify that the premium for lease was \$2,152 thousand and lease payments will be adjusted each year. In addition, the Group was prohibited from subleasing all or any portion of the underlying assets.

The Group did not have significant acquisition of lease contracts as of March 31, 2021 and 2020.

d. Other lease information

Lease arrangements under operating leases for the leasing out of investment properties and freehold property, plant and equipment are set out in Notes 16 and 18.

	<b>For the Three Months Ended March 31</b>	
	<b>2021</b>	<b>2020</b>
Expenses relating to short-term leases	\$ 8,123	\$ 6,746
Expenses relating to low-value asset leases	\$ 4,640	\$ 4,788
Expenses relating to variable lease payments not included in the measurement of lease liabilities	\$ 57,101	\$ 46,807
Total cash outflow for leases	\$ (69,864)	\$ (58,341)

The Group's leases of certain land, buildings, transportation equipment and miscellaneous equipment qualify as short-term leases and leases of certain land, machinery equipment and miscellaneous equipment qualify as low-value asset leases. The Group has elected to apply the recognition exemption and, thus, did not recognize right-of-use assets and lease liabilities for these leases.

All lease commitments with lease terms commencing after the balance sheet dates are as follows:

	<b>March 31, 2021</b>	<b>December 31, 2020</b>	<b>March 31, 2020</b>
Lease commitments	\$ 16,880	\$ 6,929	\$ 17,406

## 18. INVESTMENT PROPERTY

	<b>March 31, 2021</b>	<b>December 31, 2020</b>	<b>March 31, 2020</b>
Completed investment property	\$ 13,857,172	\$ 13,858,910	\$ 13,871,055

Except for depreciation recognized, the Group had no significant additions, disposals, and impairment of investment property during the three months ended March 31, 2021 and 2020.

Operating leases relate to the investment property owned by the Group with lease terms between 1 and 20 years, with an option to extend. All operating lease contracts contain market review clauses in the event that the lessee exercises its option to renew. The lessee does not have a bargain purchase option to acquire the property at the expiry of the lease period.

The maturity analysis of lease payments receivable under operating leases of investment properties as of March 31, 2021, December 31, 2020 and March 31, 2020 was as follows:

	<b>March 31, 2021</b>	<b>December 31, 2020</b>	<b>March 31, 2020</b>
Year 1	\$ 188,156	\$ 178,492	\$ 179,023
Year 2	175,254	166,276	163,336
Year 3	141,127	132,429	125,489
Year 4	112,110	106,753	106,582
Year 5	98,233	97,436	97,679
Year 6 onwards	206,749	212,725	339,463
	\$ 921,629	\$ 894,111	\$ 1,011,572



The investment properties are depreciated using the straight-line method over their estimated useful live as follows:

Main buildings	20-60 years
Air-conditioning units	5-10 years

The investment properties are measured and stated at cost in the consolidated balance sheets. For management's purpose, the Group periodically measures the fair value of investment properties in accordance with the Group's internal rules and procedures. The Group conducts valuation process regularly, which is measured by level 3 inputs. The fair values were \$27,303,772 thousand, \$27,303,772 thousand and \$26,959,699 thousand as of March 31, 2021, December 31, 2020 and March 31, 2020, respectively.

All investment properties are own right and interest.

Rental income and direct operating expenses generated by the investment property for the three months ended March 31, 2021 and 2020 were as follows:

	<b>For the Three Months Ended March 31</b>	
	<b>2021</b>	<b>2020</b>
Rental incomes	<u>\$ 39,432</u>	<u>\$ 48,074</u>
Direct operating expenses	<u>\$ 25,618</u>	<u>\$ 25,534</u>

## 19. INTANGIBLE ASSETS

	<b>March 31, 2021</b>	<b>December 31, 2020</b>	<b>March 31, 2020</b>
Computer Software	<u>\$ 636,009</u>	<u>\$ 687,613</u>	<u>\$ 674,630</u>

Except for amortization recognized, the Group had no significant additions, disposals, and impairment of intangible assets during the three months ended March 31, 2021 and 2020.

The intangible asset mentioned above is amortized on a straight-line basis over the estimated useful life of 3 to 5 years.

## 20. OTHER ASSETS

	<b>March 31, 2021</b>	<b>December 31, 2020</b>	<b>March 31, 2020</b>
Refundable deposits	\$ 916,879	\$ 2,601,890	\$ 585,481
Assumed collateral and residuals	23,418	23,418	23,462
Less: Accumulated impairment	(23,418)	(23,418)	(23,462)
Prepayments	979,148	143,871	1,301,356
Others	<u>1,020</u>	<u>1,110</u>	<u>1,391</u>
	<u>\$ 1,897,047</u>	<u>\$ 2,746,871</u>	<u>\$ 1,888,228</u>

## 21. DEPOSITS FROM THE CENTRAL BANK AND BANKS

	March 31, 2021	December 31, 2020	March 31, 2020
Deposits from the Central Bank	\$ 25,099	\$ 24,625	\$ 23,554
Deposits from banks	482,618	322,959	274,299
Overdrafts on banks	2,468,974	306,954	17,872
Call loans from banks	101,759,897	102,241,214	119,941,939
Deposits transferred from Chunghwa Post Co., Ltd.	<u>295,322</u>	<u>325,875</u>	<u>375,211</u>
	<u>\$ 105,031,910</u>	<u>\$ 103,221,627</u>	<u>\$ 120,632,875</u>

## 22. PAYABLES

	March 31, 2021	December 31, 2020	March 31, 2020
Checks issued to payees for clearing	\$ 8,256,001	\$ 7,626,187	\$ 5,989,001
Accounts payable	4,549,353	1,668,091	4,425,287
Accrued expenses	2,114,116	1,988,061	2,579,908
Accrued interests	1,769,370	1,792,978	2,948,939
Acceptances	5,568,210	4,807,972	3,681,713
Others	<u>5,022,494</u>	<u>4,354,120</u>	<u>3,661,247</u>
	<u>\$ 27,279,544</u>	<u>\$ 22,237,409</u>	<u>\$ 23,286,095</u>

## 23. DEPOSITS AND REMITTANCES

	March 31, 2021	December 31, 2020	March 31, 2020
Checking account deposits	\$ 35,640,825	\$ 41,220,029	\$ 35,524,091
Demand deposits	557,488,491	527,167,570	474,667,860
Time deposits	424,377,855	401,002,085	400,908,328
Negotiable certificates of deposit	3,223,557	2,853,940	4,045,236
Savings account deposits	980,794,278	944,530,955	889,629,708
Remittances	<u>1,649,792</u>	<u>1,212,570</u>	<u>971,292</u>
	<u>\$ 2,003,174,798</u>	<u>\$ 1,917,987,149</u>	<u>\$ 1,805,746,515</u>

## 24. BANK NOTES PAYABLE

The Group has issued bank notes to enhance its capital adequacy ratio and raise medium to long-term operating funds. The information of the Bank notes is as follows:

The Group issued \$5,000 million perpetual subordinated bank notes 99-1 on June 29, 2010 which is callable after 10 years of issue date. The bank notes had been redeemed on June 29, 2020.

The Group issued \$3,300 million subordinated bank notes 100-1 on March 11, 2011, divided into Financial Debentures A \$2,200 million with 7-year term and Financial Debenture B \$1,100 million with 10-year term. The bank notes had been redeemed on March 11, 2021.

The Group issued \$6,700 million subordinated bank notes 100-2 with 10-year term on April 18, 2011.

The Group issued \$2,200 million subordinated bank notes A 103-1 with 7-year term on April 16, 2014.

The Group issued \$5,300 million subordinated bank notes B 103-1 with 10-year term on April 16, 2014.

The Group issued \$2,500 million subordinated bank notes C 103-1 with 10-year term on April 16, 2014.

The Group issued \$3,000 million subordinated bank notes A 105-1 with 7-year term on September 27, 2016.

The Group issued \$3,300 million subordinated bank notes B 105-1 with 10-year term on September 27, 2016.

The Group issued \$1,530 million subordinated bank notes A 106-1 with 7-year term on March 29, 2017.

The Group issued \$8,670 million subordinated bank notes B 106-1 with 10-year term on March 29, 2017.

The Group issued \$7,000 million perpetual subordinated bank notes 107-1 on April 26, 2018. Callable 5 years and 3 months after issue date.

The Group issued \$3,000 million perpetual subordinated bank notes 107-2 on November 8, 2018. Callable 5 years and 1 month after issue date.

The Group issued \$5,960 million perpetual subordinated bank notes 108-1 on June 27, 2019. Callable 5 years and 1 month after issue date.

The Group issued \$4,040 million perpetual subordinated bank notes 109-1 on May 27, 2020. Callable 5 years and 1 month after issue date.

The Group issued \$6,800 million perpetual subordinated bank notes 109-2 on December 25, 2020. Callable 5 years and 1 month after issue date.

The outstanding balance and details of subordinated bank notes are as follows:

<b>Bank Note, Interest Rate and Maturity Date</b>	<b>March 31, 2021</b>	<b>December 31, 2020</b>	<b>March 31, 2020</b>
<u>Hedged financial liabilities at fair value</u>			
103-1 Note A, 7-year term, interest payable annually, interest rate 1.70%, maturity date: April 16, 2021	\$ 2,200,000	\$ 2,200,000	\$ 2,200,000
103-1 Note B, 10-year term, interest payable annually, interest rate 1.85%, maturity date: April 16, 2024	3,000,000	3,000,000	3,000,000
105-1 Note A, 7-year term, interest payable annually, interest rate 1.09%, maturity date: September 27, 2023	1,000,000	1,000,000	1,000,000
105-1 Note B, 10-year term, interest payable annually, interest rate 1.20%, maturity date: September 27, 2026	2,000,000	2,000,000	2,000,000
Valuation adjustment	<u>224,275</u>	<u>251,032</u>	<u>317,340</u>
	<u>8,424,275</u>	<u>8,451,032</u>	<u>8,517,340</u>
			(Continued)

<b>Bank Note, Interest Rate and Maturity Date</b>	<b>March 31, 2021</b>	<b>December 31, 2020</b>	<b>March 31, 2020</b>
<u>Non-hedged bank notes payable</u>			
99-1, No maturity date, interest payable annually, interest rate from first to tenth year is 3.15%, after tenth year is 4.15%	\$ -	\$ -	\$ 5,000,000
100-1 Note B, 10-year term, interest payable annually, interest rate 1.72%, maturity date: March 11, 2021	-	1,100,000	1,100,000
100-2, 10-year term, interest payable annually, floating rate, maturity date: April 18, 2021	6,700,000	6,700,000	6,700,000
103-1 Note B, 10-year term, interest payable annually, interest rate 1.85%, maturity date: April 16, 2024	2,300,000	2,300,000	2,300,000
103-1 Note C, 10-year term, interest payable annually, floating rate, maturity date: April 16, 2024	2,500,000	2,500,000	2,500,000
105-1 Note A, 7-year term, interest payable annually, interest rate 1.09%, maturity date: September 27, 2023	2,000,000	2,000,000	2,000,000
105-1 Note B, 10-year term, interest payable annually, interest rate 1.20%, maturity date: September 27, 2026	1,300,000	1,300,000	1,300,000
106-1 Note A, 7-year term, interest payable annually, interest rate 1.50%, maturity date: March 29, 2024	1,530,000	1,530,000	1,530,000
106-1 Note B, 10-year term, interest payable annually, interest rate 1.85%, maturity date: March 29, 2027	8,670,000	8,670,000	8,670,000
107-1, no maturity date, interest payable annually, interest rate 2.66%	7,000,000	7,000,000	7,000,000
107-2, no maturity date, interest payable annually, interest rate 2.30%	3,000,000	3,000,000	3,000,000
108-1, no maturity date, interest payable annually, interest rate 1.90%	5,960,000	5,960,000	5,960,000
109-1, no maturity date, interest payable annually, interest rate 1.40%	4,040,000	4,040,000	-
109-2, no maturity date, interest payable annually, interest rate 1.25%	<u>6,800,000</u>	<u>6,800,000</u>	-
	<u>51,800,000</u>	<u>52,900,000</u>	<u>47,060,000</u>
	<u>\$ 60,224,275</u>	<u>\$ 61,351,032</u>	<u>\$ 55,577,340</u>
			(Concluded)

The Group engaged in derivative transactions as hedging instruments for the 103-1 Note A, 103-1 Note B, 105-1 Note A and 105-1 Note B fixed interest rate bank notes to avoid fair value risks due to changes in interest rates. The nominal principal of interest rate swaps was accounted as hedging derivative financial assets. (Refer to Note 13).

## 25. OTHER FINANCIAL LIABILITIES

	March 31, 2021	December 31, 2020	March 31, 2020
Principal received on structured notes	\$ 896,113	\$ 1,325,070	\$ 2,795,813
Appropriations for loans	<u>586,909</u>	<u>624,079</u>	<u>721,908</u>
	<u>\$ 1,483,022</u>	<u>\$ 1,949,149</u>	<u>\$ 3,517,721</u>

The principal received on structured notes were the hybrid instruments issued at fixed income. The related income of structured notes was determined by the interest rates linked to targets.

## 26. OTHER LIABILITIES

	March 31, 2021	December 31, 2020	March 31, 2020
Advance receipts	\$ 593,365	\$ 612,599	\$ 674,081
Guarantee deposits	4,072,832	1,865,559	2,170,316
Deferred revenue	<u>10,695</u>	<u>9,774</u>	<u>13,311</u>
	<u>\$ 4,676,892</u>	<u>\$ 2,487,932</u>	<u>\$ 2,857,708</u>

## 27. RESERVE FOR LIABILITIES

	March 31, 2021	December 31, 2020	March 31, 2020
Reserve for employee benefits (Note 28)	\$ 4,005,350	\$ 4,208,987	\$ 4,098,540
Reserve for guarantee liabilities	692,620	678,588	664,039
Reserve for loan commitments	306,297	314,368	349,379
Reserve for decommissioning restoration and rehabilitation costs	63,064	57,009	60,255
Reserve for contingencies	769	-	412
Others	<u>55,260</u>	<u>57,086</u>	<u>56,388</u>
	<u>\$ 5,123,360</u>	<u>\$ 5,316,038</u>	<u>\$ 5,229,013</u>

Movements in reserve for guarantee liabilities, reserve for loans commitments and reserve for others were as follows:

	For the Three Months Ended March 31, 2021					
	12-month Expected Credit Losses	Lifetime Expected Credit Losses	Realized Credit Impairment	Loss Recognized Based on IFRS 9	Recognized Impairment Difference Based on the Laws	Total
Beginning balance	\$ 416,984	\$ 82,185	\$ 33,457	\$ 532,626	\$ 517,416	\$ 1,050,042
Changes from financial instruments recognized at the beginning of the period:						
Transfers to lifetime expected credit losses	(30)	30	-	-	-	-

(Continued)

For the Three Months Ended March 31, 2021						
	12-month Expected Credit Losses	Lifetime Expected Credit Losses	Realized Credit Impairment	Loss Recognized Based on IFRS 9	Recognized Impairment Difference Based on the Laws	Total
Transfers to credit-impaired financial assets	\$ -	\$ (14,453)	\$ 14,453	\$ -	\$ -	\$ -
Transfers to 12-month expected credit losses	-	-	-	-	-	-
Financial assets derecognize for the period	(95,704)	(18,268)	(8,738)	(122,710)	-	(122,710)
Purchase or originated financial assets	98,339	10,230	346,163	454,732	-	454,732
Recognized impairment difference based on the Laws	-	-	-	-	(328,971)	(328,971)
Changes in exchange rates or others	661	403	20	1,084	-	1,084
Ending balance	<u>\$ 420,250</u>	<u>\$ 60,127</u>	<u>\$ 385,355</u>	<u>\$ 865,732</u>	<u>\$ 188,445</u>	<u>\$ 1,054,177</u>

(Concluded)

For the Three Months Ended March 31, 2020						
	12-month Expected Credit Losses	Lifetime Expected Credit Losses	Realized Credit Impairment	Loss Recognized Based on IFRS 9	Recognized Impairment Difference Based on the Laws	Total
Beginning balance	\$ 459,939	\$ 52,207	\$ 28,131	\$ 540,277	\$ 496,421	\$ 1,036,698
Changes from financial instruments recognized at the beginning of the period:						
Transfers to lifetime expected credit losses	(524)	436	-	(88)	-	(88)
Transfers to credit-impaired financial assets	-	(179)	173	(6)	-	(6)
Transfers to 12-month expected credit losses	1,039	(1,341)	-	(302)	-	(302)
Financial assets derecognize for the period	(113,324)	(9,884)	(6,299)	(129,507)	-	(129,507)
Purchase or originated financial assets	118,994	20,635	22,429	162,058	-	162,058
Recognized impairment difference based on the Laws	-	-	-	-	510	510
Changes in exchange rates or others	350	87	6	443	-	443
Ending balance	<u>\$ 466,474</u>	<u>\$ 61,961</u>	<u>\$ 44,440</u>	<u>\$ 572,875</u>	<u>\$ 496,931</u>	<u>\$ 1,069,806</u>

## 28. RETIREMENT BENEFIT PLANS

Employee benefits expense in respect of the Group's defined benefit retirement plans was calculated using the prior year's actuarially determined pension cost discount rate as of December 31, 2020 and 2019 and the amounts were \$81,621 thousand and \$98,663 thousand for the three months ended March 31, 2021 and 2020, respectively.

## 29. EQUITY

### a. Capital

#### Common stock

	<b>March 31, 2021</b>	<b>December 31, 2020</b>	<b>March 31, 2020</b>
Shares authorized (in thousands)	<u>11,000,000</u>	<u>11,000,000</u>	<u>11,000,000</u>
Capital authorized	<u>\$ 110,000,000</u>	<u>\$ 110,000,000</u>	<u>\$ 110,000,000</u>
Shares issued and fully paid (in thousands)	<u>10,384,724</u>	<u>10,384,724</u>	<u>9,985,311</u>
Capital stock issued	<u>\$ 103,847,236</u>	<u>\$ 103,847,236</u>	<u>\$ 99,853,111</u>

Fully paid common stock, which have a par value of \$10, carry one vote per stock and carry a right to dividends.

As of January 1, 2020, the Bank's authorized and registered capital was \$110,000,000 thousand divided into 11,000,000 thousand shares at \$10 par value; the total paid-in capital was \$99,853,111 thousand. In August 2020, the Bank resolved its capitalization of earnings and increased its paid-in capital by \$3,994,125 thousand. The amount of the Bank's authorized and registered capital as at December 31, 2020 was \$110,000,000 thousand divided into 11,000,000 thousand shares and, also at those dates, the total amounts of paid-in capital were \$103,847,236 thousand divided into 10,384,724 thousand outstanding shares at \$10 par value.

### b. Distribution of earnings and dividend policy

Under the dividend policy as set forth in the Bank's amended Articles of Incorporation, where the Bank generates profit in a fiscal year, the profit shall be first utilized for paying taxes, offsetting losses of previous years, setting aside as legal reserve 30% of the remaining profit, setting aside or reversing special reserve in accordance with the laws and regulations, and then any remaining profit together with any undistributed retained earnings shall be used by the Bank's board of directors as the basis for proposing distribution plan, and 30% to 100% of the basis for proposing distribution plan should be resolved in the stockholders' meeting for distribution of dividends and bonus to stockholders. For the policies on distribution of employees' compensation and remuneration of directors after amendment, refer to Note 30 (g) "employees' compensation and remuneration of directors".

To ensure the Bank has sufficient cash for present and future expansion plans and to enhance the profitability, the Bank prefers to distribute more stock dividends, but cash dividends shall not be less than 10% of total dividends distributed. If the cash dividends are less than \$0.1 per share, the Bank will not distribute any cash dividends, unless otherwise adopted in the stockholders' meeting.

Appropriation of earnings to legal reserve shall be made until the balance of legal reserve reaches the Bank's paid-in capital. Legal reserve may be used to offset deficit. If the Bank has no deficit and the legal reserve has exceeded 25% of the Bank's paid-in capital, the excess may be transferred to capital or distributed in cash.

The amendments explicitly stipulate that when a special reserve is appropriated for cumulative net debit balance reserves from prior period, the sum of net profit for current period and items other than net profit that are included directly in the unappropriated earnings for current period is used if the prior unappropriated earnings is not sufficient. Before the Articles is amended, the special reserve is appropriated from the prior unappropriated earnings.

Under Rule No. 10510001510 issued by the FSC on May 25, 2016, the Bank should appropriate 0.5%-1.0% net income as a special reserve when distributing surplus earnings for 2016, 2017 and 2018. Since 2017, the Bank should reverse an amount which is the same as the distributed surplus earnings mentioned above for the expense of employees' bridging-over arrangements and settlements caused by the development of financial technology.

The Bank cannot distribute cash dividends or purchase treasury stock if the Bank has any of the situations cited in Item 1, Section 1, Article 44 of the Banking Law.

The maximum amount of cash dividends cannot exceed 15% of the Bank's total capital if the Bank's capital surplus is less than the capital based on Section 1.

The restriction of the cash dividends stated above does not apply if the Bank's capital surplus exceeds the capital or the Bank's financial position satisfied the criteria from the authority and also the Bank appropriates the legal reserve based on the Banking Law.

The appropriations of earnings for 2020 and 2019 were proposed by the board of directors on April 20, 2021 and approved in the stockholders' meetings on June 19, 2020, respectively. The appropriations of earnings and dividends per stock were as follows:

	<b>Appropriation of Earnings For the Three Months Ended March 31</b>	
	<b>2020</b>	<b>2019</b>
Legal reserve	\$ 2,053,666	\$ 3,434,160
Special reserve	\$ -	\$ -
Cash dividends	\$ 3,738,500	\$ 3,994,124
Share dividends	\$ 1,038,472	\$ 3,994,125
Cash dividends per share (NT\$)	\$0.36	\$0.40
Share dividends per share (NT\$)	\$0.10	\$0.40

The appropriation of earnings for 2020 is subject to the resolution of the shareholders in the shareholders' meeting to be held in June 18, 2021.

c. Special reserve

	<b>March 31, 2021</b>	<b>December 31, 2020</b>	<b>March 31, 2020</b>
Initial application of IFRSs	\$ 11,778,829	\$ 11,778,829	\$ 11,778,829
Reversals			
Disposal of investment properties	(3,058)	(3,058)	-
Others	<u>425,819</u>	<u>425,819</u>	<u>425,819</u>
	<u>\$ 12,201,590</u>	<u>\$ 12,201,590</u>	<u>\$ 12,204,648</u>

The special reserve relating to land may be reversed on the disposal or reclassification of the related assets. Additional special reserve should be appropriated for the amount equal to the difference between net debit balance reserves and the special reserve appropriated on the first-time adoption of IFRSs. Any special reserve appropriated may be reversed to the extent that the net debit balance reverses and is thereafter distributed.



### 30. NET INCOME

#### a. Net income of interest

		<b>For the Three Months Ended March 31</b>	
		<b>2021</b>	<b>2020</b>
Interest income			
Loans		\$ 5,631,089	\$ 6,963,221
Due from and call loans to banks		246,819	733,978
Investment in marketable securities		769,499	1,048,621
Others		<u>26,867</u>	<u>50,753</u>
		<u>6,674,274</u>	<u>8,796,573</u>
Interest expense			
Deposits		(1,548,237)	(2,965,132)
Due to Central Bank and call loans from banks		(60,098)	(409,101)
Others		<u>(258,946)</u>	<u>(285,217)</u>
		<u>(1,867,281)</u>	<u>(3,659,450)</u>
Net income of interest		<u>\$ 4,806,993</u>	<u>\$ 5,137,123</u>

#### b. Net service fee income

		<b>For the Three Months Ended March 31</b>	
		<b>2021</b>	<b>2020</b>
Service fee income			
Fees from import and export		\$ 68,388	\$ 63,328
Remittance fees		89,988	98,947
Loan fees		124,400	134,057
Fees from trust		334,175	281,473
Fees from trust business		109,878	90,793
Fees from insurance agency		431,629	531,258
Others		<u>315,084</u>	<u>306,847</u>
		<u>1,473,542</u>	<u>1,506,703</u>
Service charge			
Interbank charges		(40,387)	(39,226)
Charges from trust		(6,295)	(3,715)
Custodian fees		(32,561)	(32,640)
Charges from insurance agency		(40,241)	(50,658)
Others		<u>(150,317)</u>	<u>(157,018)</u>
		<u>(269,801)</u>	<u>(283,257)</u>
Net service fee income		<u>\$ 1,203,741</u>	<u>\$ 1,223,446</u>

c. Gain (loss) on financial assets or liabilities measured at FVTPL

	<b>For the Three Months Ended March 31</b>	
	<b>2021</b>	<b>2020</b>
Realized gain (loss) on financial assets or liabilities measured at FVTPL		
Stock	\$ 12,195	\$ (62,488)
Bonds	2,148	(3,029)
Derivative financial instruments	283,881	662,748
Net interest gain	32,390	14,925
Stock dividends and bonus	<u>253</u>	<u>-</u>
	<u>330,867</u>	<u>612,156</u>
Valuation gain (loss) on financial assets or liabilities measured at FVTPL		
Stock	52,358	456
Bonds	40,294	(11,615)
Bills	(20,892)	(1,574)
Derivative financial instruments	<u>(86,236)</u>	<u>(276,358)</u>
	<u>(14,476)</u>	<u>(289,091)</u>
	<u>\$ 316,391</u>	<u>\$ 323,065</u>

d. Realized gain (loss) on financial assets at FVTOCI

	<b>For the Three Months Ended March 31</b>	
	<b>2021</b>	<b>2020</b>
Stock dividends and bonus	\$ 18,855	\$ 1,825
Disposal gains		
Beneficiary securities	4,432	23
Bonds	271,094	384,135
Disposal losses		
Beneficiary securities	(3,137)	(43)
Bonds	<u>(96,669)</u>	<u>(228)</u>
	<u>\$ 194,575</u>	<u>\$ 385,712</u>

e. Depreciation and amortization expense

	<b>For the Three Months Ended March 31</b>	
	<b>2021</b>	<b>2020</b>
Property and equipment	\$ 123,062	\$ 126,753
Investment property	1,738	1,735
Right-of-use assets	164,021	167,700
Intangible assets and other deferred assets	<u>63,889</u>	<u>58,039</u>
	<u>\$ 352,710</u>	<u>\$ 354,227</u>

f. Employee benefits expenses

	<b>For the Three Months Ended March 31</b>	
	<b>2021</b>	<b>2020</b>
Short-term employee benefits	\$ 2,377,393	\$ 2,174,423
Post-employment benefits		
Defined contribution plans	59,705	56,287
Defined benefit plans (Note 28)	81,621	98,663
High-yield savings account for employees	137,120	136,505
Other post-employment benefits	28,199	27,910
Termination benefits	<u>4,345</u>	<u>11,654</u>
	<u>\$ 2,688,383</u>	<u>\$ 2,505,442</u>

g. Employees' compensation and remuneration of directors

The Bank accrued employees' compensation and remuneration of directors at the rates of 1%-6% and no higher than 0.8%, respectively, of net profit before income tax, employees' compensation, and remuneration of directors. The employees' compensation and remuneration of directors for the three months ended March 31, 2021 and 2020 are as follows:

Accrual rate

	<b>For the Three Months Ended March 31</b>	
	<b>2021</b>	<b>2020</b>
Employees' compensation	3.00%	5.00%
Remuneration of directors	0.30%	0.40%

Amount

	<b>For the Three Months Ended March 31</b>	
	<b>2021</b>	<b>2020</b>
	<b>Cash</b>	<b>Cash</b>
Employees' compensation	\$ 83,000	\$ 145,000
Remuneration of directors	7,000	11,400

If there is a change in the amounts after the annual consolidated financial statements were authorized for issue, the differences are recorded as a change in the accounting estimate.

The appropriations of employees' compensation and remuneration of directors for 2020 and 2019 having been resolved by the board of directors on March 26, 2021 and March 20, 2020, respectively, were as below:

	<b>For the Year Ended December 31</b>	
	<b>2020</b>	<b>2019</b>
	<b>Cash</b>	<b>Cash</b>
Employees' compensation	\$ 360,242	\$ 714,178
Remuneration of directors	28,995	57,134

Due to changes in accounting estimates, the actual amount of employees' compensation and directors' remuneration, which was resolved in the meeting of the board of directors dated on March 26, 2021, differs from what was accrued in the consolidated financial statements for 2020. The difference was then adjusted to profit and loss for 2021.

	<b>For the Year Ended December 31, 2020</b>	
	<b>Employees' Compensation</b>	<b>Remuneration of Directors</b>
Amounts approved in the board of directors' meeting	<u>\$ 360,242</u>	<u>\$ 28,995</u>
Amounts recognized in the annual consolidated financial statements	<u>\$ 447,199</u>	<u>\$ 35,200</u>
Differences	<u>\$ (86,957)</u>	<u>\$ (6,205)</u>

There was no difference between the actual amounts of employees' compensation and remuneration of directors paid and the amounts recognized in the consolidated financial statements for the year ended December 31, 2019.

Information on the employees' compensation and remuneration of directors resolved by the Group's board of directors is available at the Market Observation Post System website of the Taiwan Stock Exchange.

### 31. INCOME TAX

- a. Major components of tax expense recognized in profit or loss

	<b>For the Three Months Ended March 31</b>	
	<b>2021</b>	<b>2020</b>
Current income tax		
In respect of the current period	\$ 261,064	\$ 392,013
Income tax on unappropriated earnings	128	1,202
Deferred income tax		
In respect of the current period	<u>171,317</u>	<u>213,670</u>
Income tax expense recognized in profit or loss	<u>\$ 432,509</u>	<u>\$ 606,885</u>

- b. Income tax recognized in other comprehensive income

	<b>For the Three Months Ended March 31</b>	
	<b>2021</b>	<b>2020</b>
<u>Deferred tax</u>		
In respect of the current year:		
Exchange differences on translation	\$ 9,196	\$ 207,091
Unrealized (losses) gains of financial assets at FVTOCI	<u>(10,552)</u>	<u>(68,546)</u>
Total income tax benefit recognized in other comprehensive income	<u>\$ (1,356)</u>	<u>\$ 138,545</u>

c. Income tax assessments

The Bank's income tax returns through 2019, except 2018, had been examined and cleared by the tax authority.

### 32. EARNINGS PER SHARE

The computation of earnings per share was retrospectively adjusted for the effects of adjustments resulting from bonus stock issues on August 17, 2020. The basic and diluted after-tax earnings per stock of three months ended March 31, 2020 were adjusted retrospectively as follows:

Unit: NT\$ Per Share		
For the Three Months Ended March 31, 2020		
	Before Adjusted Retrospectively	After Adjusted Retrospectively
Basic earnings per stock	\$ 0.25	\$ 0.24
Diluted earnings per stock	\$ 0.25	\$ 0.24

The earnings and weighted average number of common stock outstanding in the computation of earnings per stock were as follows:

For the Three Months Ended March 31		
	2021	2020
Net profit for the period	\$ 1,945,905	\$ 2,492,784

The weighted average number of common stocks outstanding (in thousands of stock) is as follows:

For the Three Months Ended March 31		
	2021	2020
Weighted average number of common stock used in computation of basic earnings per share	10,384,724	10,384,724
Effect of potentially dilutive common stock:		
Employees' compensation issued	22,063	39,428
Weighted average number of common stock used in the computation of diluted earnings per share	10,406,787	10,424,152

If the Group offered to settle compensation or bonuses paid to employees in cash or stock, the Group assumed the entire amount of the compensation or bonus would be settled in stock and the resulting potential stock were included in the weighted average number of stock outstanding used in the computation of diluted earnings per stock, as the effect is dilutive. Such dilutive effect of the potential stock is included in the computation of diluted earnings per stock until the number of stock to be distributed to employees is resolved in the following year.

### 33. CAPITAL RISK MANAGEMENT

The description of the goals and procedures of the capital risk management of the Group is the same as the description in the Group's consolidated financial statements for the year ended December 31, 2020.

### 34. FINANCIAL INSTRUMENTS

- a. Fair value of financial instruments that are not measured at fair value

#### Fair value of financial instruments not measured at fair value

##### March 31, 2021

	Carrying Amount	Fair Value			
		Level 1	Level 2	Level 3	Total
<u>Financial assets</u>					
Financial assets at amortized cost	\$ 363,688,272	\$ 5,305,604	\$ 358,425,669	\$ -	\$ 363,731,273
<u>Financial liabilities</u>					
Bank notes payable	60,224,275	-	8,424,275	53,706,917	62,131,192

##### December 31, 2020

	Carrying Amount	Fair Value			
		Level 1	Level 2	Level 3	Total
<u>Financial assets</u>					
Financial assets at amortized cost	\$ 345,283,447	\$ 3,610,277	\$ 341,736,917	\$ -	\$ 345,347,194
<u>Financial liabilities</u>					
Bank notes payable	61,351,032	-	8,451,032	54,695,616	63,146,648

##### March 31, 2020

	Carrying Amount	Fair Value			
		Level 1	Level 2	Level 3	Total
<u>Financial assets</u>					
Financial assets at amortized cost	\$ 294,019,978	\$ 5,598,858	\$ 288,440,215	\$ -	\$ 294,039,073
<u>Financial liabilities</u>					
Bank notes payable	55,577,340	-	8,517,340	49,239,210	57,756,550

b. Fair value of financial instruments that are measured at fair value on a recurring basis

1) Fair value hierarchy

March 31, 2021

<b>Fair Value Measurement of Financial Instruments</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Total</b>
<u>Non-derivative financial products</u>				
Assets				
Financial assets at FVTPL	\$ 418,456	\$ 53,164,058	\$ 97,075	\$ 53,679,589
Financial assets mandatorily measured at FVTPL				
Stock investments	197,441	59,105	97,075	353,621
Bond investments	221,015	902,009	-	1,123,024
Others	-	52,202,944	-	52,202,944
Financial assets at FVTOCI	102,089,260	35,280,197	9,371,764	146,741,221
Stock investments	9,228,404	30,650	9,371,764	18,630,818
Bond investments	84,147,158	35,249,547	-	119,396,705
Others	8,713,698	-	-	8,713,698
<u>Derivative financial products</u>				
Assets				
Financial assets at FVTPL	142,702	5,550,646	-	5,693,348
Other financial assets				
Financial assets for hedging	-	202,941	-	202,941
Liabilities				
Financial liabilities at FVTPL	-	3,011,478	-	3,011,478

December 31, 2020

<b>Fair Value Measurement of Financial Instruments</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Total</b>
<u>Non-derivative financial products</u>				
Assets				
Financial assets at FVTPL	\$ -	\$ 8,811,111	\$ 110,525	\$ 8,921,636
Financial assets mandatorily measured at FVTPL				
Stock investments	-	7,091	110,525	117,616
Bond investments	-	1,761,188	-	1,761,188
Others	-	7,042,832	-	7,042,832
Financial assets at FVTOCI	70,546,949	43,318,147	8,830,725	122,695,821
Stock investments	7,362,952	30,550	8,830,725	16,224,227
Bond investments	59,607,303	43,287,597	-	102,894,900
Others	3,576,694	-	-	3,576,694
<u>Derivative financial products</u>				
Assets				
Financial assets at FVTPL	120,403	5,539,435	-	5,659,838
Other financial assets				
Financial assets for hedging	-	231,693	-	231,693
Liabilities				
Financial liabilities at FVTPL	-	7,293,565	-	7,293,565

March 31, 2020

<b>Fair Value Measurement of Financial Instruments</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Total</b>
<u>Non-derivative financial products</u>				
Assets				
Financial assets at FVTPL	\$ 250,000	\$ 16,358,561	\$ -	\$ 16,608,561
Financial assets mandatorily measured at FVTPL				
Bond investments	-	1,173,912	-	1,173,912
Others	250,000	15,184,649	-	15,434,649
Financial assets at FVTOCI	84,741,750	14,287,057	7,560,353	106,589,160
Stock investments	5,845,303	25,000	7,560,353	13,430,656
Bond investments	73,059,448	14,262,057	-	87,321,505
Others	5,836,999	-	-	5,836,999
<u>Derivative financial products</u>				
Assets				
Financial assets at FVTPL	126,494	2,730,487	-	2,856,981
Other financial assets				
Financial assets for hedging	-	301,740	-	301,740
Liabilities				
Financial liabilities at FVTPL	-	2,536,673	-	2,536,673

There were no transfers between Levels 1 and 2 in the current and prior periods.

2) Reconciliation of Level 3 fair value measurements of financial instruments

For the three months ended March 31, 2021

<b>Financial Assets</b>	<b>Financial Assets at FVTPL Equity Instrument</b>	<b>Financial Assets at FVTOCI Equity Instrument</b>
Beginning balance	\$ 110,525	\$ 8,830,725
Recognized in other comprehensive income (unrealized gain on financial assets at FVTOCI)	-	528,970
Purchase	16,500	12,069
Transfers out of Level 3	(29,950)	-
Ending balance	<u>\$ 97,075</u>	<u>\$ 9,371,764</u>

For the three months ended March 31, 2020

<b>Financial Assets</b>	<b>Financial Assets at FVTOCI Equity Instrument</b>
Beginning balance	\$ 8,000,918
Recognized in other comprehensive income (unrealized gain on financial assets at FVTOCI)	(440,565)
Ending balance	<u>\$ 7,560,353</u>



### 3) Definition for the hierarchy classifications of fair value measurements

#### a) Level 1

Level 1 inputs are quoted prices unadjusted in active markets for identical financial instruments. An active market indicates the market that is in conformity with all of the following conditions: The products in the market are identical; it is easy to find a knowledgeable and willing transaction counterparty; and price information is available to the public.

The fair values of the Group investments in listed stocks, beneficiary certificates, on-the-run Taiwan central government bonds and derivative instruments with quoted market prices are included in Level 1.

#### b) Level 2

Level 2 inputs are inputs other than quoted prices with reference to an active market that are observable for the asset or liability, either directly (that is, as prices) or indirectly (that is, derived from prices). The fair values of the Group's investments in off-the-run government bonds, corporate bonds, bank debentures, convertible bonds and most derivative bank debentures issued by the Group are included in Level 2.

#### c) Level 3

The input parameters used are not based on observable market data (unobservable input parameters are those such as option pricing models using historical volatility which cannot represent the expected value of all market participants). The fair values of the Group's investments in derivatives and equity investments without an active market are included in Level 3.

### 4) Valuation techniques and assumptions applied for the purpose of measuring fair value

#### a) Determination of fair value

A quoted market price is used as the fair value when a financial instrument has an active market. Such market prices are provided by the Stock Exchange Corporation, Bloomberg and Reuters, which are all the foundation of fair values for listed equity securities and debt instruments with a quoted market price in an active market.

If the market quotation from the Stock Exchange Corporation, commission merchants, underwriters or pricing service institutions can be frequently and readily obtained and the price represents actual and frequent at arm's length transactions, then a financial instrument is deemed to have an active market. If the above conditions are not met, the market is deemed inactive. In general, a significant price variance between the purchase price and selling price or a significantly increasing price variance are both indicators of an inactive market.

In addition to the above financial instruments with an active market, other financial instruments at fair value are assessed by valuation techniques or by referencing counterparties with other financial instruments at fair value with similar conditions and characteristics in actual practice, including market information obtained by exercising valuation models at the balance sheet date (such as yield curves used by TPEx and TAIBIR (page 02) secondary market fixing rates used by the Taiwan Depository & Clearing Corporation).

When a financial instrument has no standardized valuation and has a greater level of complexity, such as interest rate swaps, currency swaps and options, the Group usually adopts the valuation generally accepted by market users. The inputs used for these financial instruments' valuations are usually observable information in the market.

For financial instruments with greater complexity, the fair value is assessed through the valuation model developed by valuation methods and techniques generally accepted by competitors. These kinds of valuation models are usually applicable for derivative instruments, debt instruments without quoted market price (including debt instruments of embedded derivatives) or other debt instruments with low market liquidity. Certain inputs used in these valuation models are not observable in the market, and the Group needs to make appropriate estimates based on assumptions.

- b) The types and nature of the valuation methods for financial instruments used by the Bank and its subsidiaries are as follows:
  - i. NTD central government bonds: The bond market rate and theoretical interest rate are price-per-hundred conversions announced by TPEx.
  - ii. NTD corporate bonds and bank notes: The corporate bond reference rate is announced by TPEx, and the Group uses the appropriate credit rate and the remaining period to calculate the yield rate and convert it to price-per-hundred.
  - iii. NTD convertible corporate bonds: The closing prices of outright purchase/sale trading are listed on TPEx on the valuation day. If the price is not available, the price is referenced from the outright purchase/sale trading information listed on TPEx.
  - iv. Securitization instruments: Prices are those quoted from Bloomberg.
  - v. NTD short-term bills: The TAIBIR (page 02) secondary market fixing rates used by the Taiwan Depository & Clearing Corporation are discounted from future cash flows.
  - vi. Foreign securities: The latest prices quoted from Bloomberg, Reuters or other systems on the valuation day are used, if there is no available price or valuation, then the price used is that which is quoted from counterparties.
  - vii. Listed stock, call/put warrants and depositary receipts: The closing price listed on TWSE or TPEx is adopted.
  - viii. Unlisted stock: The fair value is referenced from related financial information or estimated using the price and parameters of listed companies which have similar service attributes.
  - ix. Beneficiary certificates: Closed-end funds use the closing price in an active market as the fair value and open-end funds use the net asset value of the fund as the fair value.
  - x. Derivatives:
    - i) Call/put warrants and stock index futures: Prices quoted from an active market are deemed the fair values.
    - ii) Foreign currency forward contracts, currency swaps, interest rate swaps, cross currency swaps and operating deposits of transactions: Discounted future cash flows are adopted.
    - iii) Options: The Black-Scholes model, binomial tree model and Monte Carlo method are mainly adopted for valuation.
    - iv) Certain derivatives use the quoted price from counterparties.
  - xi. Mixing Tools: The price from the active market, deal brokers and valuation models is used.

c) Adjustments for credit risks and the definitions are as follows:

Credit valuation adjustment (CVA) is a measurement for derivatives which are not transacted through the stock market, or for over-the-counter derivatives. CVA reflects the fair value should a counterparty default and the possibility of not collecting the derivative's full market value.

CVA is calculated by applying the loss given default (LGD) to the exposure at default (EAD), along with the consideration of the counterparty's probability of default (PD) (assuming the condition that the Group does not default).

c. The impact of the interest rate benchmark reform

The financial instruments of the Group affected by the interest rate benchmark reform include loan, floating-rate bonds and asset exchanges. The link of interest rate benchmark is London Interbank Offered Rate (LIBOR). It is expected that LIBOR will be replaced by the alternative interest rate recommended by the interest rate reform group of various countries; the differences of the two rates are discussed in the next paragraph.

LIBOR is a forward-looking interest rate indicator that implies market expectations for future interest rate trends, and includes inter-bank credit discounts. The alternative interest rate recommended by the interest rate reform group of various countries is Overnight financing rate (secured or unsecured), which is a retrospective interest rate indicator calculated using actual transaction data, and does not include credit discounts. Therefore, when an existing contract is modified from a linked LIBOR to a linked overnight financing rate, additional adjustments must be made to the aforementioned differences to ensure that the interest rate basis before and after the modification is economically equivalent.

The Group has formulated a plan for LIBOR conversion and exit and has handled risk management policy adjustments, internal process adjustments, information system updates, financial instrument evaluation model adjustments, and related accounting or tax issues required to match the interest benchmark reform. The Group has identified all the information systems and internal processes that need to be updated, and has updated some of them. The Group has started to discuss with the counterparty of the financial instrument how to amend the affected contract, which is expected to be completed by December 31, 2021 (for the position other than U.S. dollars) and by December 31, 2022 (for U.S. dollars).

Due to the interest benchmark reform, the Group faces interest rate basis risks. If the Group fails to complete the negotiation with the counterparty in the financial instrument, it will bring about material uncertainty, and trigger exposure to interest rate risk that the Group had not expected.

March 31, 2021

	Projects Affected by Interest Rate Benchmark Reform Indicators							
	USD LIBOR		GBP LIBOR		JPY LIBOR		GBP LIBOR	
	Adjusted Average Assets	Number of Contracts	Adjusted Average Assets	Number of Contracts	Adjusted Average Assets	Number of Contracts	Adjusted Average Assets	Number of Contracts
Non-derivative financial assets								
Loans - syndicated loans	\$ 81,448,844	236	\$ 1,566,749	3	\$ -	-	\$ 349,585	2
Loans - other loans	14,836,409	31	-	-	32,405	2	32,801	1
Holding bonds	13,859,789	63	-	-	-	-	-	-
Derivative financial assets								
ECB asset exchange and structured products	912,160	2	-	-	-	-	-	-

d. Financial risk management objectives and policies

1) Market risk

a) The source and definition of market risk

Market risk is the uncertainty of changes in fair value of on- and off-balance sheet financial instruments due to changes in market risk factors. Market risk factors include interest rates, exchange rates, equity security prices and commodity prices.

The major market risks of the Group are equity securities price risks, interest rate risks, and exchange rate risks. The majority of equity securities risk includes domestic public stock, over-the-counter stock, emerging market stock, domestic stock index options and stock index futures. The main position of interest rate risk includes bonds and interest derivative instruments, such as interest rate swap. The main position of exchange rate risk includes the Group's investments denominated in foreign currencies, such as foreign currency spots, currency futures and foreign currency options.

b) Market risk management policy

The Group classifies the financial instruments held by the Group as trading book and banking book, and determines the market risk as interest rate risk, exchange rate risk, and equity security price risk. The Group establishes "Market Risk Management Regulation", "Derivative Financial Trading Process" and various financial instrument related regulations to manage the market risk of overall foreign exchange position, normal position, interest rate position of trading book and equity security position. The overall interest rate risk management of banking book belongs to assets and liabilities management committee.

The market risk management regulations are as follows:

- i. Establish the market risk management process to ensure the risk would be identified, measured, monitored and reported.
- ii. Measure and monitor the market risk and keep it under the risk limit and minimize unexpected loss from market risk.
- iii. Follow the regulations of Basel Accord.
- iv. Establish the market risk management system and economic capital allocation process
- v. Monitor the credit line management of financial instrument, sensitivity analysis, stress testing and the calculation of VaR. Report the result of market risk monitoring to Risk Management Committee periodically and Board of Director quarterly.

c) Market risk management procedures

According to "Whole Risk Management Policy", risk management department is the second line of defense against the market risk. Risk management department performs the market risk management, establishes related management process, and reports to the appropriate level of the management. Besides, risk management department establishes independent risk management process and ensures its effectiveness.

i. Identifying and measuring

The effective market risk management process begins with identifying the inherent risk of operating activities and financial instruments. The Group reviews the risk identifying method timely when the market environment changes and makes necessary adjustment to ensure the effective operation of the market risk management process. The Group's risk management department identifies market risk factors and measures the market risk. The market risk factors refer to the factors which affect the interest rate, exchange rate or the fair value of equity instruments. The market risk factors include the position, profits and loss, loss from stress testing, PVO1, Delta, VaR, etc.

ii. Monitoring and reporting

The Group controls market risk by managing risk limits. The risk management department sets various trading limits, such as position limits, stop-loss limits, and maximum potential loss. The trading limits are implemented only after they are reported to and approved by the board of directors.

The risk management department calculates exposures and estimated gains and losses on positions daily to make sure that the positions held and losses do not exceed the limits approved by the board of directors and prepares reports to the high-level management and the board of directors periodically for their sufficient understanding of the implementation of the market risk management and, if necessary, issuance of additional guidance.

The risk management department reports important market risk issues, such as discovery of possible loss on positions in each trading book or identification of weakness in the market risk management system, to the Risk Management Committee in order to improve the effectiveness of the market risk management.

iii. Stress testing

The stress testing is one of the important tools for risk management. It is used for verifying effects on the investment portfolio due to some extremely disadvantageous but possible stressful events and for analyzing exposure level and risk tolerance in such situations and furthermore evaluating the portfolio loss or the impact on the capital. Chang Hwa Bank performs stress testing for forecasting risk and for assessment and reinforcement of statistical models or historical data limitations.

d) Trading book market risk management

The trading book refers to the position of financial instruments held for trading or hedging. The position of financial instruments held for trading refers to the position which earns profits from actual or expected short-term price fluctuations.

i. Strategy

The Group determines the risk limitation of the investment portfolio of trading book by evaluating trading strategy, trading category, and annual performance.

ii. Management policy and procedures

The Group follows "Market Risk Management Rules", "Derivative Financial Trading Process" and various financial instrument related regulations as the important management rules of trading book.

iii. Valuation policy

The trading positions are valued on a real time or daily basis. The hedging derivatives are valued at least twice a month. The resources of fair value of financial instruments are categorized as: (1) those derived from quoted prices in active markets; (2) the latest price without active market; (3) valuation without active market.

iv. Risk measuring methods

- i) The sensitivity of the interest rate changes of investment portfolio is measured by DVO1. The sensitivity of the foreign exchange derivatives is measured by the sensitivity factors (Delta, Gamma, and Vega).
- ii) With regard to the Group's Value at Risk assumptions and calculation methods, refer to item i.
- iii) The Group performs the stress test quarterly and report the result to Risk Management Committee periodically.

e) Trading book interest rate risk management

i. Definition of interest rate risk

Interest rate risk is fair value changes in interest rate risk position held by the Group due to interest rate changes. The risks are mainly in debt securities and interest rate derivatives.

ii. Management procedures on trading book interest rate risk

The Group defines the trading limit of trading book and the stop-loss limit of different financial instruments by assessing the credit and the financial position of the issuers.

iii. Measuring methods

The interest rate factor sensitivity of debt securities and interest rate derivatives is measured by DVO1. With regard to the Group's Value at Risk assumptions and calculation methods, refer to Item i.

f) Banking book interest rate risk management

i. Definition of banking book interest rate risk

The Group's banking book interest rate risk means the unfavorable change of interest rate of non-trading-book interest rate position which changes the present value of revenues and costs or assets and liabilities and causes decrease of earnings or impairment of economic value.

ii. Management strategy on banking book interest rate risk

According to the Group's interest rate risk management policy, the Group has set various measurement indicators and limits on banking book interest rate risk. To pursue profits and steady growth of stockholder value without exposure to extreme loss risks, the Group applies appropriate management strategy including on- and off-balance sheet adjustments and maintains appropriate amounts of assets and liabilities.

iii. Banking book interest rate risk report/range of measuring system

The Group mainly applies standard method for interest rate risk sensitivity gap analysis to measure banking book interest rate risks. The responsible department periodically measures banking book interest rate risks and reports to related departments and to the asset and liability management committee in order to adopt appropriate strategies for adjusting banking book interest rate risk combinations. Assessment information of banking book interest rate risk would be presented to the board of directors periodically to let the high-level management controls such risks.

g) Exchange rate risk management

i. Definition of exchange rate risk

Exchange rate risk is the gain or loss resulting from exchange or translation of two different foreign currencies at different times. The Group's exchange rate risk mainly comes from spot and forward exchange positions.

ii. Exchange rate risk management policy, procedures and measuring methods

The risk management department sets the position limit and stop-loss limit of trading book investment combinations in order to control exchange rate risk. If the losses reach the stop-loss limit, the trading department should decrease risk exposure positions so as to control losses.

The risk management department applies sensitivity analysis or Value at Risk to measure exchange rate risk and calculates stress loss of risk position held. In sensitivity analysis, Delta is applied to measure the exchange rate risk of the first order change and Gamma is applied to measure the exchange rate risk of the second order change. In addition, Vega is used to measure the first order risk of implied volatility rate. With regard to the Group's Value at Risk assumptions and calculation methods, refer to Item i.

h) Equity security price risk management

i. Definition of equity security price risk

Equity security price risk is the valuation effect on the position held by the Group when the equity security price changes. The Group's equity security price risk mainly comes from public and over-the-counter stock, index futures and options.

ii. Equity security price risk management purpose

The risk management department applies sensitivity analysis or Value at Risk to measure equity security price risk and calculates stress loss of risk position held. In sensitivity analysis, Delta, Gamma and Vega are, applied to measure the independent equity security price risk of the first order change, or market value is applied to indicate the exposure risks on positions of stock. With regard to the Group's Value at Risk assumptions and calculation methods, refer to Item i.

iii. Equity security price risk management procedures

The Group sets restrictions on credit extensions with the same person, the same concerned party or the same affiliate to control the risk concentration. Risk management department monitors unrealized gain or loss of the holding position daily. If unrealized loss is over the stop-loss threshold, risk management department would notice the department which holds

the position to subject to the related regulations. The department which holds the position should report to risk management committee if unrealized loss is over the stop-loss threshold but the department still holds the position.

iv. Measuring methods

The equity security price risk of trading book is monitored and controlled by VaR, please refer to item i.

The Group would perform stress testing for the equity security price risk of non-trading position and report the result to risk management committee.

i) Market risk measuring method

i. Value at Risk, “VaR”

The Group uses VaR model and stress testing to evaluate the risk of trading portfolio the market risk and the maximum expected loss of positions held through assumptions of changing market situation. VaR is the statistical estimation of potential losses of existing positions arising from unfavorable market changes. VaR refers to the maximum potential loss that Chang Hwa Bank might be exposed to within the confidence interval (99%), which means there is a certain probability (1%) that the actual loss would exceed VaR. Significant loss caused by excessive market volatility could not be avoided by using VaR.

The Group has been using historical simulation method to calculate VaR. The historical simulation method is based on historical data to estimate the future cash flow and assess the market risk of financial instrument. There are more and more financial institutions using the historical simulation method. However, there are some limitations for using the method. One of the limitations is that the assumption used in the method may not reflect the real situation. Besides, the simulation result may not be representative if the historical data used are too small. The Group would use proxy to respond to the limitations mentioned above.

According to the Group’s “Risk Management Committee Establishment Points”, the risk appetite of trading book market risk, operating limits and VaR limits should be approved by the risk management committee. VaR is an important internal risk control in the Group. The VaR limits of investment portfolio are approved annually by the risk management committee and reported to the board of directors. In addition, the daily actual VaR is monitored by the Group’s risk management department.

ii. As of March 31, 2021 and 2020, the Group’s VaR factors based on historical simulation method were as follows:

	<b>For the Three Months Ended March 31, 2021</b>			
	<b>Average</b>	<b>Highest</b>	<b>Lowest</b>	<b>Ending Balance</b>
Exchange VaR	\$ 157,350	\$ 200,115	\$ 102,778	\$ 109,971
Interest rate VaR	9,459	16,927	5,986	5,986
Equity securities VaR	<u>3,068</u>	<u>6,765</u>	<u>143</u>	<u>5,087</u>
Value at risk	<u>\$ 169,877</u>	<u>\$ 223,807</u>	<u>\$ 108,907</u>	<u>\$ 121,044</u>



	<b>For the Three Months Ended March 31, 2020</b>			
	<b>Average</b>	<b>Highest</b>	<b>Lowest</b>	<b>Ending Balance</b>
Exchange VaR	\$ 206,850	\$ 294,687	\$ 146,477	\$ 294,687
Interest rate VaR	9,242	18,690	5,214	18,678
Equity securities VaR	<u>4,548</u>	<u>11,115</u>	<u>-</u>	<u>11,115</u>
Value at risk	<u>\$ 220,640</u>	<u>\$ 324,492</u>	<u>\$ 151,691</u>	<u>\$ 324,480</u>

2) Primary foreign currencies

The significant foreign-currency financial assets and liabilities as of March 31, 2021, December 31, 2020 and March 31, 2020 were as follows:

(In Thousands of Foreign Currencies/New Taiwan Dollars)

	<b>March 31, 2021</b>		
	<b>Foreign Currencies</b>	<b>Exchange Rate</b>	<b>New Taiwan Dollars</b>
<u>Financial assets</u>			
Monetary items			
USD	\$ 7,297,013	28.5050	\$ 208,001,356
GBP	58,433	39.1700	2,288,821
AUD	935,545	21.6800	20,282,616
HKD	604,568	3.6660	2,216,346
CAD	86,448	22.5900	1,952,860
ZAR	4,008,366	1.9090	7,651,971
JPY	77,589,063	0.2577	19,994,702
EUR	749,849	33.3900	25,037,458
RMB	12,875,076	4.3360	55,826,330
<u>Financial liabilities</u>			
Monetary items			
USD	11,858,487	28.5050	338,026,172
GBP	54,067	39.1700	2,117,804
AUD	787,901	21.6800	17,081,694
HKD	514,546	3.6660	1,886,326
CAD	85,142	22.5900	1,923,358
ZAR	3,994,888	1.9090	7,626,241
JPY	78,420,873	0.2577	20,209,059
EUR	670,216	33.3900	22,378,512
NZD	59,573	19.9200	1,186,694
RMB	12,664,831	4.3360	54,914,707

(In Thousands of Foreign Currencies/New Taiwan Dollars)

December 31, 2020			
	Foreign Currencies	Exchange Rate	New Taiwan Dollars
<u>Financial assets</u>			
Monetary items			
USD	\$ 7,376,691	28.1000	\$ 207,285,017
GBP	79,348	38.3500	3,042,996
AUD	1,456,483	21.6500	31,532,857
HKD	1,310,846	3.6240	4,750,506
CAD	133,336	22.0600	2,941,392
ZAR	4,208,211	1.9210	8,083,973
JPY	58,467,743	0.2725	15,932,460
EUR	684,298	34.5900	23,669,868
NZD	54,312	20.3200	1,103,620
RMB	12,028,965	4.3250	52,025,274

Financial liabilities

Monetary items			
USD	11,911,044	28.1000	334,700,336
GBP	64,600	38.3500	2,477,410
AUD	1,081,026	21.6500	23,404,213
HKD	961,918	3.6240	3,485,991
CAD	109,021	22.0600	2,405,003
ZAR	3,929,528	1.9210	7,548,623
JPY	54,606,113	0.2725	14,880,166
EUR	614,386	34.5900	21,251,612
NZD	67,748	20.3200	1,376,639
RMB	12,569,025	4.3250	54,361,033

(In Thousands of Foreign Currencies/New Taiwan Dollars)

March 31, 2020			
	Foreign Currencies	Exchange Rate	New Taiwan Dollars
<u>Financial assets</u>			
USD	\$ 6,499,343	30.2050	\$ 196,312,655
GBP	46,943	37.2800	1,750,035
AUD	1,144,778	18.6450	21,344,386
HKD	1,688,179	3.8940	6,573,769
CAD	64,958	21.2900	1,382,956
ZAR	4,768,553	1.6800	8,011,169
JPY	51,504,720	0.2784	14,338,914
EUR	663,984	33.2800	22,097,388
RMB	11,901,117	4.2510	50,591,648
(Continued)			

	March 31, 2020		
	Foreign Currencies	Exchange Rate	New Taiwan Dollars
<u>Financial liabilities</u>			
Monetary items			
USD	\$ 10,307,859	30.2050	\$ 311,348,881
GBP	56,542	37.2800	2,107,886
AUD	1,019,533	18.6450	19,009,193
HKD	1,113,160	3.8940	4,334,645
CAD	73,481	21.2900	1,564,410
ZAR	4,875,860	1.6800	8,191,445
JPY	52,760,172	0.2784	14,688,432
EUR	641,131	33.2800	21,336,840
NZD	76,837	18.2000	1,398,433
RMB	12,840,984	4.2510	54,587,023
Non-monetary items			
USD	2,577	30.2050	77,838
			(Concluded)

For the three months ended March 31, 2021 and 2020, net foreign exchange gains were \$182,938 thousand and \$234,623 thousand, respectively. It is impractical to disclose net foreign exchange gains by each significant foreign currency due to the variety of the foreign currency transactions and functional currencies of the Bank and entities under its control.

### 3) Credit risk

#### a) Credit risk source and definition

Credit risk means the possible loss due to failure of debtors or counterparties to fulfill their contractual obligations or their ability to fulfill contractual obligations is impaired. Credit risk arises from the operation, on- and off-balance sheet items, including credit loans, derivatives transactions and securities investment, etc. Because the business becomes more complex, the credit risk is often generated with other risks that affect one another. For example, exchange rate risk also exists in foreign currency debt investment. Secured loans will be affected by the price volatility of the collateral and market liquidity risk of the collateral.

#### b) Credit risk management policy

- i. The Group continuously improves its credit risk management technology and its efficiency to meet the requirements of internal operations, business scale and management objectives and buildup the risk management system that fits the requirement of accuracy and completeness of the Group's risk management technology.
- ii. The Group is building a complete monitoring mechanism, setting up a loan early warning system to track down bad indications and risk changes of high-risk credits, setting up "corporate clients' risk exposure and credit risk quick-search system" to understand the negative reporting and transactions with the Group in order to enhance the credit risk's identification, measurement and monitoring and improve the quality of risk management.
- iii. The Group continues to develop methods of credit risk quantification models to elevate credit risk management techniques, which enable the Group's capital requirement and expected loss to become more risk sensitive.

- iv. The Group implements strict and forward-looking credit risk stress testing to respond to the events or changes which may be unfavorable to the Group and in compliance with the requirements of the competent authority supervising risk management and improves the effectiveness of the Group's risk management. In addition, in order to understand the impact of the low interest rate environment and the prolonged impact of the COVID-19 on the resilience of domestic banks, the "Supervisory Stress Test in 2021" was carried out in accordance with the requirements of the competent authority.
- v. The Group is holding sessions and training in risk management to strengthen risk management intelligence and increase the Group's financial institution of loan.
- vi. Information on credit risk would be presented to the high-level management periodically.

The Group's credit risk management procedures and measuring methods for major business are described as follows:

- i. Credit business (including loan commitments and guarantees)
  - i) A determined signification increase in credit risk since initial recognition.

At the end of every reporting period, the Group evaluates the risk of default on credit assets occurring over their expected lifetime to determine whether the credit risk has increased significantly since their initial recognition.

For this credit risk evaluation, the Group considers corroborative information (including forward-looking information) which indicates a significant increase in credit risk since initial recognition of the credit assets. The key indicators include:

- Quantitative indicators

#### A change in internal credit rating

The Group classifies each type of credit asset into three categories according to credit quality, internal credit rating and external credit rating (refer to the following table). A financial instrument is determined as having a significant increase in credit risk since initial recognition if its internal credit rating is at the level of 16-18 or if the scoring of a housing loan debtor is lower than 340.

- Qualitative indicators

A credit account is rated as ordinary-overdue in accordance with the Group's "Detailed Rules for the Processing of Ordinary-overdue Accounts".

The result of the credit review shows that the credit application and the loan application are inconsistent.

- ii) Definition of the credit-impaired financial assets

A credit account that meets one of the following conditions is classified under Stage 3 (Credit impaired):

- The debtor's payment of the principal or interest is past due for more than 3 months from the end of the credit term; or the Group has already petitioned or withdrawn the debtor's collateral.

- The case has been agreed to be repaid in installments and is exempt from being listed as an overdue loan.
- The case was negotiated and adopted in accordance with the debt negotiation mechanism set by the Association of Banks in 2006.
- The case has been negotiated and agreed upon in accordance with “The Statute for Consumer Debt Clearance” (excluding secured debt fulfilled under the original contractual conditions).
- The case is ruled to undergo restructuring or liquidation by the court.
- The case is ruled to be restricted by the court.
- The case is declared bankrupt by the court.
- The case involves credit accounts of a debtor, excluding credit card accounts, which is partly transferred to class A and B non-performing loans (excluding the sixth item of class B: The credit account is totally guaranteed and the interest payment is not past due during the inheritance period after the death of the debtor and the collateral provider), as well as overdue loans or bad debt loans.
- The case is an enterprise account which has applied for relief from the Ministry of Economic Affairs.
- The case involves a credit account which has an internal credit rating at the level of 19-21.
- The case is a mortgage loan credit account of the Group which has no rating score.
- The case is a credit account which is determined as Stage 3 by the internal or external auditors, or the risk management department of the Group.

iii) Expected credit loss measurement

The Group classifies credit assets into the following nine categories by the credit risk characteristics of the respective debtor’s industry and organization size:

<b>Business</b>	<b>Combination</b>
Corporate banking loans	Government
	Large enterprise
	Small enterprise
	Legal person/group
	Overseas credit account
	Other groups
Individual banking loans	Individual-residential loan group
	Individual-other groups (unsecured)
	Individual-other groups (secured)

The Group measures the expected credit loss as follows:

- Stage 1, no significant increase in credit risk

The Group measures the loss allowance for Stage 1 financial instruments at an amount equal to the 12-month ECLs based on past loss experience. The ECLs is the difference between the respective asset's EAD carrying amount and the present value of its estimated future cash flows, estimated at the forward-looking adjusted PD and discounted at the effective interest rate.

- Stage 2, significant increase in credit risk

The Group measures the loss allowance for Stage 2 financial instruments at an amount equal to the lifetime ECLs. The ECLs is the difference between the respective asset's EAD carrying amount and the present value of its computed outcome which is discounted at the effective interest rate. The computed outcome is the product of the unpaid principal for each year end over instruments expected lifetime, the forward-looking adjusted PD, and the LGD.

- Stage 3, credit impairment

The Group measures the loss allowance for Stage 3 financial instruments at an amount equal to the lifetime ECLs. The ECLs is the difference between the asset's EAD carrying amount and the present value of its estimated future cash flows, estimated assuming the credit impairment situation is given and discounted at effective interest rate.

The PD and EAD and LGD are used to measure the impairment loss for financial assets in the credit business:

- PD is meaning of using past credit-impaired situations to predict the probability of credit impairment in normal situation in a year. The PD for Stage 3 financial instruments is determined as 100%. The PD for Stages 1 and 2 are based on the categories and the remaining lifetime for each credit account. The credit accounts are divided into groups by remaining lifetimes. The PD of each group is determined as the PD of each credit quality stage. The Group shall update the probability of default at least once a year.
- The EAD is the total expected exposure amount of default which includes the unsecured line of credit.
- The exposure amount of impairment-tested off-balance sheet assets (i.e., guarantees, letters of credit issued yet unused, irrevocable loan commitments issued, and revocable loan commitments issued) is converted into the equivalent exposure amount of on-balance sheet assets through a credit conversion factor (CCF). The CCF is determined according to the standardized approach of the Capital Adequacy Ratio as either 0%, 20%, 50% or 100% by referring to the respective off-balance sheet item's characteristics.
- The LGD is one minus the present value of the annual recovery rate. The annual recovery rate refers to the annual recovery amount of principal (including litigation expenses) and interest over non-performing loans plus accrued interest and litigation expenses.

iv) Forward-looking information

The Group classifies credit assets as either corporate banking - domestic, corporate banking - overseas, corporate banking - Singapore branch or individual banking business. Macroeconomic indicators for each the above categories are estimated using the domestic economic growth rate, global economic growth rate, Southeast Asia economic growth rate and the domestic unemployment rate, respectively, and are updated at least once a year.

Macroeconomic indicators include the actual statistical value of the past five years and predicted value of the current year and the next five years at the time of calculation. The forward-looking adjusted PD is adjusted based on the reasonableness of each value's predicted trend.

The outbreak of the COVID-19 has resulted in obvious changes in various macroeconomic indicators since 2020. The impact of the epidemic is factored in the macroeconomic indicators which are regularly updated by the head office and then reflected on PD.

The total amount of undiscounted ECLs at the time of initial recognition of the credit impaired financial assets - loans which were purchased or originated is as follows:

	<b>March 31</b>	
	<b>2021</b>	<b>2020</b>
Discounts and loans	<u>\$ 989,092</u>	<u>\$ 1,980,690</u>

ii. Call loans to banks

The Group evaluates the credit status of counterparties before deals are closed. The Group grants different limits to counterparties based on their respective credit ratings as suggested by domestic and foreign credit rating agencies. The Group assesses the credit limits of counterparties by level and financial status; the Group efficiently manages counterparties' credit risks through regular and special reviews, monitoring and reporting. Additionally, in accordance with the application of IFRS 9, the Group performs credit impairment assessments for call loans to banks, transfers the related credit losses to each of the three stages of credit impairment, and measures the related expected credit loss, so as to ensure adequate allowance for losses, in accordance with regulations.

iii. Debt instruments and derivative financial instruments

The Group identifies and manages the credit risks from debt instruments through the use of external credit ratings of the debt instruments along with the evaluation of credit qualities of bonds, regional conditions and counterparty risks.

The other banks with which the Group conducts derivative transactions are mostly considered investment grade. The Group monitors the credit limits (including lending limits) by counterparties. The credits extended to counterparties who are general customers are monitored in accordance with the related contract terms and conditions and the credit limits for derivatives established in normal credit granting processes.

A change in an external credit rating announced by international credit rating institutions (e.g., S&P and Moody's) is one of the quantitative indicators for judging a significant increase in the credit risk of financial assets at amortized cost and investments in debt instruments at FVTOCI. The measurement of ECLs is calculated using the PD and LGD announced periodically by international credit rating institutions. The international credit

rating institutions consider forward-looking information when establishing credit ratings. Thus, when the Group measures ECLs using such credit ratings it holds that an adequate evaluation of the forward-looking information, which was used by the institutions for establishing such credit rating, is inherent therein.

c) Credit risk hedging or mitigation policies

i. Collateral

The Group has a series of measures for credit granting to reduce credit risks. One of the procedures is asking for collateral from the borrowers. To secure the loans, the Group manages and assesses the collateral following the procedures that suggest the scope of collateralization and valuation of collateral and the process of disposition. In credit contracts, the Group stipulates the security mechanism for loans and the conditions and terms for collateral offsetting to state clearly that the Group reserves the right to reduce granted limit, to reduce repayment period, to demand immediate settlement or to offset the debts of the borrowers with their deposits in the Group in order to reduce the Group's credit risks.

ii. Credit line credit risks and control over concentration of credit risks

To avoid the concentration of credit risks, the Group has included credit limits for a single counterparty and for a single group in its credit-related guidelines. The Group has also included credit limits for an individual (entity) and for related enterprises (group) in the guidelines for investment and regulations for risk control on equity investments. To manage the concentration risk on the assets, the Group has set credit limits by industry, conglomerate, transactions collateralized by stock, specific industry of China-United States trade way and other categories and integrated within one system to supervise concentration of credit risk in these categories. Various credit limits are regularly evaluated and revised in a timely manner based on the economic circumstances, financial environment and business development strategies, etc. In order to strengthen the credit risk control of overseas branches and take into account the severe impact of the COVID-19 in foreign regions, the head office will monitor the loan limit of every single credit account for industries severely and moderately affected by the epidemic, and even the loan limit of individual branch for real estate and aviation-related industries.

The table below analyzes the collateral held as security and other credit enhancements, and their financial effect in respect of the financial assets recognized in the Group's consolidated balance sheets:

March 31, 2021

	Carrying Amount	Maximum Exposure to Credit Risk Mitigated by			Total
		Collateral	Master Netting Arrangement	Other Credit Enhancements	
Discounts and loans	\$ 1,518,208,795	\$ 1,066,702,159	\$ -	\$ -	\$ 1,066,702,159
Financial assets at FVTPL	59,372,937	8,520,373	-	-	8,520,373
Investments in debt instruments at FVTOCI	128,110,403	3,320,797	-	-	3,320,797
Investments in debt instruments at amortized cost	363,688,272	-	-	-	-

December 31, 2020

	Carrying Amount	Maximum Exposure to Credit Risk Mitigated by			Total
		Collateral	Master Netting Arrangement	Other Credit Enhancements	
Discounts and loans	\$ 1,496,835,119	\$ 1,057,161,683	\$ -	\$ -	\$ 1,057,161,683
Financial assets at FVTPL	14,581,474	4,947,248	-	-	4,947,248
Investments in debt instruments at FVTOCI	106,471,594	3,074,425	-	-	3,074,425
Investments in debt instruments at amortized cost	345,283,447	-	-	-	-



## March 31, 2020

Carrying Amount	Maximum Exposure to Credit Risk Mitigated by			
	Collateral	Master Netting Arrangement	Other Credit Enhancements	Total
Discounts and loans	\$ 978,828,611	\$ -	\$ -	\$ 978,828,611
Financial assets at FVTPL	7,514,806	-	-	7,514,806
Investments in debt instruments at FVTOCI	2,359,853	-	-	2,359,853
Investments in debt instruments at amortized cost	400,984	-	-	400,984

The carrying amount of financial assets with maximum exposure is as follows:

Discounts and Loans				
March 31, 2021				
	Stage 1 12-month Expected Credit Losses	Stage 2 Lifetime Expected Credit Losses	Stage 3 Lifetime Expected Credit Losses	Total
Credit rating				
Levels 1-15	\$ 807,505,127	\$ 1,215,581	\$ -	\$ 808,720,708
Levels 16-18	-	64,211,484	1,855,677	66,067,161
Levels 19-21	-	-	11,103,835	11,103,835
No rating	629,340,504	1,404,940	1,571,647	632,317,091
Total carrying amount	<u>\$ 1,436,845,631</u>	<u>\$ 66,832,005</u>	<u>\$ 14,531,159</u>	<u>\$ 1,518,208,795</u>
Expected credit losses	\$ 1,804,616	\$ 1,998,227	\$ 5,611,485	\$ 9,414,328
Recognized impairment based on the Regulations of the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing Loans and Bad Debts				9,525,890
				<u>\$ 18,940,218</u>

Discounts and Loans				
December 31, 2020				
	Stage 1 12-month Expected Credit Losses	Stage 2 Lifetime Expected Credit Losses	Stage 3 Lifetime Expected Credit Losses	Total
Credit rating				
Levels 1-15	\$ 799,726,001	\$ 1,000,131	\$ 66,640	\$ 800,792,772
Levels 16-18	-	66,956,531	1,860,040	68,816,571
Levels 19-21	-	-	11,196,309	11,196,309
No rating	612,823,835	1,734,511	1,471,121	616,029,467
Total carrying amount	<u>\$ 1,412,549,836</u>	<u>\$ 69,691,173</u>	<u>\$ 14,594,110</u>	<u>\$ 1,496,835,119</u>
Expected credit losses	\$ 1,595,328	\$ 2,099,425	\$ 5,742,200	\$ 9,436,953
Recognized impairment based on the Regulations of the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing Loans and Bad Debts				9,511,321
				<u>\$ 18,948,274</u>

Discounts and Loans				
March 31, 2020				
	Stage 1 12-month Expected Credit Losses	Stage 2 Lifetime Expected Credit Losses	Stage 3 Lifetime Expected Credit Losses	Total
Credit rating				
Levels 1-15	\$ 856,684,279	\$ 3,713,204	\$ -	\$ 860,397,483
Levels 16-18	-	53,361,935	3,390,233	56,752,168
Levels 19-21	-	-	11,068,067	11,068,067
No rating	<u>555,376,451</u>	<u>1,692,185</u>	<u>1,662,782</u>	<u>558,731,418</u>
Total carrying amount	<u>\$ 1,412,060,730</u>	<u>\$ 58,767,324</u>	<u>\$ 16,121,082</u>	<u>\$ 1,486,949,136</u>
Expected credit losses	\$ 1,733,506	\$ 2,401,389	\$ 6,460,550	\$ 10,595,445
Recognized impairment based on the Regulations of the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing Loans and Bad Debts				<u>7,238,361</u>
				<u>\$ 17,833,806</u>
Guarantees in Guarantee Business				
March 31, 2021				
	Stage 1 12-month Expected Credit Losses	Stage 2 Lifetime Expected Credit Losses	Stage 3 Lifetime Expected Credit Losses	Total
Carrying amount	\$ 59,254,576	\$ 399,255	\$ 608,276	\$ 60,262,107
Expected credit losses	163,282	3,064	378,416	544,762
Guarantees in Guarantee Business				
December 31, 2020				
	Stage 1 12-month Expected Credit Losses	Stage 2 Lifetime Expected Credit Losses	Stage 3 Lifetime Expected Credit Losses	Total
Carrying amount	\$ 57,805,189	\$ 859,186	\$ 100,842	\$ 58,765,217
Expected credit losses	161,107	17,485	22,605	201,197
Guarantees in Guarantee Business				
March 31, 2020				
	Stage 1 12-month Expected Credit Losses	Stage 2 Lifetime Expected Credit Losses	Stage 3 Lifetime Expected Credit Losses	Total
Carrying amount	\$ 57,523,119	\$ 570,968	\$ 93,012	\$ 58,187,099
Expected credit losses	163,310	17,150	21,810	202,270
Loan Commitments				
March 31, 2021				
	Stage 1 12-month Expected Credit Losses	Stage 2 Lifetime Expected Credit Losses	Stage 3 Lifetime Expected Credit Losses	Total
Carry amount - non-cancellable	\$ 72,733,260	\$ 4,138,035	\$ 6,501	\$ 76,877,796
Carry amount - cancellable	<u>593,076,278</u>	<u>10,344,866</u>	<u>72,852</u>	<u>603,493,996</u>
	<u>\$ 665,809,538</u>	<u>\$ 14,482,901</u>	<u>\$ 79,353</u>	<u>\$ 680,371,792</u>
Expected credit losses - non-cancellable	\$ 61,090	\$ 54,465	\$ 2,080	\$ 117,635
Expected credit losses - cancellable	<u>186,364</u>	<u>355</u>	<u>145</u>	<u>186,864</u>
	<u>\$ 247,454</u>	<u>\$ 54,820</u>	<u>\$ 2,225</u>	<u>\$ 304,499</u>

<b>Loan Commitments</b>				
<b>December 31, 2020</b>				
	<b>Stage 1 12-month Expected Credit Losses</b>	<b>Stage 2 Lifetime Expected Credit Losses</b>	<b>Stage 3 Lifetime Expected Credit Losses</b>	<b>Total</b>
Carry amount - non-cancellable	\$ 64,527,353	\$ 5,216,346	\$ 8,499	\$ 69,752,198
Carry amount - cancellable	<u>693,529,862</u>	<u>9,549,555</u>	<u>229,714</u>	<u>703,309,131</u>
	<u>\$ 758,057,215</u>	<u>\$ 14,765,901</u>	<u>\$ 238,213</u>	<u>\$ 773,061,329</u>
Expected credit losses - non-cancellable	\$ 56,137	\$ 62,696	\$ 2,739	\$ 121,572
Expected credit losses - cancellable	<u>190,399</u>	<u>166</u>	<u>142</u>	<u>190,707</u>
	<u>\$ 246,536</u>	<u>\$ 62,862</u>	<u>\$ 2,881</u>	<u>\$ 312,279</u>

  

<b>Loan Commitments</b>				
<b>March 31, 2020</b>				
	<b>Stage 1 12-month Expected Credit Losses</b>	<b>Stage 2 Lifetime Expected Credit Losses</b>	<b>Stage 3 Lifetime Expected Credit Losses</b>	<b>Total</b>
Carry amount - non-cancellable	\$ 66,401,172	\$ 4,054,604	\$ 28,022	\$ 70,483,798
Carry amount - cancellable	<u>625,057,848</u>	<u>14,355,334</u>	<u>52,914</u>	<u>639,466,096</u>
	<u>\$ 691,459,020</u>	<u>\$ 18,409,938</u>	<u>\$ 80,936</u>	<u>\$ 709,949,894</u>
Expected credit losses - non-cancellable	\$ 73,038	\$ 41,966	\$ 9,327	\$ 124,331
Expected credit losses - cancellable	<u>222,059</u>	<u>361</u>	<u>154</u>	<u>222,574</u>
	<u>\$ 295,097</u>	<u>\$ 42,327</u>	<u>\$ 9,481</u>	<u>\$ 346,905</u>

d) Maximum exposure to credit risk

The maximum credit risk exposures of various financial instruments held by the Group are the same as per book amounts. Refer to the notes to the consolidated financial statements.

As of March 31, 2021, December 31, 2020 and March 31, 2020, the maximum exposure to credit risk (before deducting the guarantees or other credit enhancement instruments and the irrepealably maximum amount of exposure) were as follows:

<b>Financial Instrument Type</b>	<b>March 31, 2021</b>	<b>December 31, 2020</b>	<b>March 31, 2020</b>
Unused loan commitments (excluding credit card)	\$ 76,877,796	\$ 69,752,198	\$ 70,483,798
Credit card commitments	307,177	348,160	300,945
Unused issued letters of credit	24,274,507	22,504,168	22,171,080
Guarantees in guarantee business	60,262,107	58,765,217	58,187,099

e) Situation of credit risk concentration

Prominent concentration of credit risks occurs when transaction parties for financial instruments prominently concentrate on one party, or on a few that are in similar business lines or exhibit similar economic characteristics. The characteristics of concentration of credit risks include the nature of business activities engaged by debtors. The Group has not engaged in transactions that involved a prominent concentration to one client or one transaction party, but has engaged in transaction parties of similar industry type or from similar region.

The Group's information on prominent concentration of credit risk was as follows:

<b>Industry Type</b>	<b>March 31, 2021</b>	
	<b>Carrying Amount</b>	<b>Percentage of Item (%)</b>
Financial and insurance	\$ 55,123,560	4
Manufacturing	380,449,527	25
Wholesale and retail	129,919,160	8
Real estate and leasing	103,547,766	7
Service	44,544,606	3
Individuals	561,696,223	37
Others	<u>242,927,953</u>	16
	<u>\$ 1,518,208,795</u>	

  

<b>Industry Type</b>	<b>December 31, 2020</b>	
	<b>Carrying Amount</b>	<b>Percentage of Item (%)</b>
Financial and insurance	\$ 52,359,578	4
Manufacturing	366,004,508	24
Wholesale and retail	127,318,600	9
Real estate and leasing	108,559,295	7
Service	46,200,706	3
Individuals	551,058,152	37
Others	<u>245,334,280</u>	16
	<u>\$ 1,496,835,119</u>	

  

<b>Industry Type</b>	<b>March 31, 2020</b>	
	<b>Carrying Amount</b>	<b>Percentage of Item (%)</b>
Financial and insurance	\$ 62,617,173	4
Manufacturing	377,845,764	26
Wholesale and retail	120,057,933	8
Real estate and leasing	118,081,255	8
Service	47,652,362	3
Individuals	488,256,050	33
Others	<u>272,438,599</u>	18
	<u>\$ 1,486,949,136</u>	

<b>Geographic Location</b>	<b>March 31, 2021</b>	
	<b>Carrying Amount</b>	<b>Percentage of Item (%)</b>
Asia	\$ 1,428,761,883	94
America	63,374,779	4
Europe	16,887,282	1
Others	<u>9,184,851</u>	1
	<u>\$ 1,518,208,795</u>	

<b>Geographic Location</b>	<b>December 31, 2020</b>	
	<b>Carrying Amount</b>	<b>Percentage of Item (%)</b>
Asia	\$ 1,405,012,433	94
America	63,855,369	4
Europe	18,232,567	1
Others	<u>9,734,750</u>	1
	<u>\$ 1,496,835,119</u>	

<b>Geographic Location</b>	<b>March 31, 2020</b>	
	<b>Carrying Amount</b>	<b>Percentage of Item (%)</b>
Asia	\$ 1,377,277,498	93
America	77,357,700	5
Europe	19,637,957	1
Others	<u>12,675,981</u>	1
	<u>\$ 1,486,949,136</u>	

<b>Securities Type</b>	<b>March 31, 2021</b>	
	<b>Carrying Amount</b>	<b>Percentage of Item (%)</b>
Unsecured	\$ 451,506,635	30
Secured		
Properties	905,498,479	60
Others	<u>161,203,681</u>	10
	<u>\$ 1,518,208,795</u>	

Securities Type	December 31, 2020	
	Carrying Amount	Percentage of Item (%)
Unsecured	\$ 439,673,436	29
Secured		
Properties	898,300,022	60
Others	<u>158,861,661</u>	11
	<u>\$ 1,496,835,119</u>	
Securities Type	March 31, 2020	
	Carrying Amount	Percentage of Item (%)
Unsecured	\$ 508,120,524	34
Secured		
Properties	841,278,356	57
Others	<u>137,550,256</u>	9
	<u>\$ 1,486,949,136</u>	

f) Financial assets credit quality and non-performing impairment analysis

A portion of financial assets held by the Group, such as cash and cash equivalents, due from the Central Bank and call loans to banks, financial assets at FVTPL, securities investments purchased under resell agreements, refundable deposits, operating deposits, and settlement deposits are exposed to low credit risks because the counterparties have rather high credit ratings.

4) Liquidity risk management

a) The definition of liquidity risk

Liquidity risk is the potential loss that the Group may suffer due to inability to liquidate assets or raise enough funds in reasonable time to perform obligations when due and to meet the demands of assets growth.

b) Liquidity risk management procedures

According to the Group's liquidity risk management policy, the Group clearly sets various indicators and limits for liquidity risk. The responsible department should implement operation procedures for funding liquidity, monitor and prepare maturity analysis periodically to assess liquidity risk. In addition, the responsible department should also report to related departments and Asset and Liability Committee to enable them to make appropriate adjustments to meet the needs of liquidity. Related information about the liquidity risk assessment should be reported to the board of directors to let the high-level management understand the Group's funding liquidity.

As of March 31, 2021 and 2020, the ratio of the liquidity reserve were 27.40% and 21.60%, respectively. Since the capital and working funds are deemed sufficient to meet the cash flow needs for performance of all contracted obligations, liquidity risk is not considered to be significant.

c) Maturity analysis of non-derivative financial assets and liabilities

The Group adopted appropriate grouping methods, which are based on the nature of non-derivative financial assets and liabilities, to do maturity analysis in order to assess liquidity. The maturity analysis is presented as follows:

(In Thousands of New Taiwan Dollars)

Item	March 31, 2021					
	0-30 Days	31-90 Days	91-180 Days	181 Days-1 Year	Over 1 Year	Total
Major maturity fund inflows						
Cash and cash equivalents	\$ 18,053,754	\$ -	\$ -	\$ -	\$ -	\$ 18,053,754
Due from the Central Bank and call loans to banks	84,930,937	7,722,980	4,764,159	9,206,825	29,276,697	135,901,598
Financial assets at FVTPL	52,616,144	-	-	-	-	52,616,144
Receivables	29,741,227	866,027	1,418,234	194,356	235,179	32,455,023
Discounts and loans	86,048,626	126,053,346	124,888,604	220,284,927	746,272,594	1,303,548,097
Investments in equity instruments designated at FVTOCI	-	-	-	-	18,630,818	18,630,818
Investments in debt instruments at FVTOCI	-	200,227	25,053	-	37,103,213	37,328,493
Investments in debt instruments at amortized cost	251,900,000	11,100,000	22,505,000	21,542,668	12,032,168	319,079,836
Other maturity funds inflow items	-	-	-	-	14,178,129	14,178,129
	<u>523,290,688</u>	<u>145,942,580</u>	<u>153,601,050</u>	<u>251,228,776</u>	<u>857,728,798</u>	<u>1,931,791,892</u>
Major maturity fund outflows						
Deposits from the Central Bank and banks	352,918	12,399	104,034	180,640	-	649,991
Due to the Central Bank and banks	3,005,000	20,000	5,367,000	11,599,890	-	19,991,890
Securities sold under repurchase agreements	695,695	848,772	10,208	-	-	1,554,675
Payables	24,629,662	839,962	899,248	607,764	1,422,034	28,398,670
Deposits and remittances	112,971,559	159,087,586	142,923,136	276,201,564	877,921,074	1,569,104,919
Bank notes payable	8,900,000	-	-	-	51,100,000	60,000,000
Other maturity fund outflow items	42,591	43,458	75,032	314,427	5,556,024	6,031,532
	<u>150,597,425</u>	<u>160,852,177</u>	<u>149,378,658</u>	<u>288,904,285</u>	<u>935,999,132</u>	<u>1,685,731,677</u>
Gap	\$ <u>372,693,263</u>	\$ <u>(14,909,597)</u>	\$ <u>4,222,392</u>	\$ <u>(37,675,509)</u>	\$ <u>(78,270,334)</u>	\$ <u>246,060,215</u>

Note: The amounts listed above were the position in N.T. dollars of the Bank.

(In Thousands of New Taiwan Dollars)

Item	December 31, 2020					
	0-30 Days	31-90 Days	91-180 Days	181 Days-1 Year	Over 1 Year	Total
Major maturity fund inflows						
Cash and cash equivalents	\$ 16,557,339	\$ -	\$ -	\$ -	\$ -	\$ 16,557,339
Due from the Central Bank and call loans to banks	65,908,909	4,357,103	4,412,952	6,465,311	30,209,215	111,353,490
Financial assets at FVTPL	7,565,165	-	-	-	-	7,565,165
Receivables	33,700,386	625,025	553,622	1,210,838	284,990	36,374,861
Discounts and loans	81,568,301	112,458,451	152,004,186	215,731,235	725,087,878	1,286,850,051
Investments in equity instruments designated at FVTOCI	-	-	-	-	16,224,227	16,224,227
Investments in debt instruments at FVTOCI	-	200,491	200,518	25,074	42,333,523	42,759,606
Investments in debt instruments at amortized cost	222,800,000	25,260,000	8,000,000	29,535,000	13,386,380	298,981,380
Other maturity funds inflow items	-	-	-	-	14,103,908	14,103,908
	<u>428,100,100</u>	<u>142,901,070</u>	<u>165,171,278</u>	<u>252,967,458</u>	<u>841,630,121</u>	<u>1,830,770,027</u>
Major maturity fund outflows						
Deposits from the Central Bank and banks	210,043	106,691	14,294	215,605	-	546,633
Due to the Central Bank and banks	5,510,000	9,477,050	-	5,367,000	-	20,354,050
Securities sold under repurchase agreements	557,094	699,539	-	-	-	1,256,633
Payables	30,812,333	450,237	1,428,580	1,116,591	1,298,534	35,106,275
Deposits and remittances	125,994,072	129,571,977	131,686,167	192,930,253	901,044,154	1,481,226,623
Bank notes payable	-	1,100,000	8,900,000	-	51,100,000	61,100,000
Other maturity fund outflow items	37,965	80,398	75,086	324,150	5,756,222	6,273,821
	<u>163,121,507</u>	<u>141,485,892</u>	<u>142,104,127</u>	<u>199,953,599</u>	<u>959,198,910</u>	<u>1,605,834,035</u>
Gap	\$ <u>264,978,593</u>	\$ <u>1,415,178</u>	\$ <u>23,067,151</u>	\$ <u>53,013,859</u>	\$ <u>(117,568,789)</u>	\$ <u>224,935,992</u>

Note: The amounts listed above were the position in N.T. dollars of the Bank.

(In Thousands of New Taiwan Dollars)

Item	March 31, 2020					
	0-30 Days	31-90 Days	91-180 Days	181 Days-1 Year	Over 1 Year	Total
Major maturity fund inflows						
Cash and cash equivalents	\$ 15,369,129	\$ -	\$ -	\$ -	\$ -	\$ 15,369,129
Due from the Central Bank and call loans to banks	68,372,767	3,710,275	4,505,632	6,484,284	26,683,485	109,756,443
Financial assets at FVTPL	15,509,992	-	-	-	-	15,509,992
Receivables	25,077,742	775,120	644,996	213,935	1,503,863	28,215,656
Discounts and loans	107,088,294	126,712,580	150,589,067	205,066,116	667,725,506	1,257,181,563
Investments in equity instruments designated at FVTOCI	-	-	-	-	13,430,656	13,430,656
Investments in debt instruments at FVTOCI	-	400,637	752,230	201,871	22,793,164	24,147,902
Investments in debt instruments at amortized cost	144,500,000	14,104,929	32,535,000	45,575,000	8,888,959	245,603,888
Other maturity funds inflow items	-	-	-	-	14,124,024	14,124,024
	<u>375,917,924</u>	<u>145,703,541</u>	<u>189,026,925</u>	<u>257,541,206</u>	<u>755,149,657</u>	<u>1,723,339,253</u>
Major maturity fund outflows						
Deposits from the Central Bank and banks	129,240	9,443	147,848	218,369	-	504,900
Due to the Central Bank and banks	15,060,000	15,000	-	-	-	15,075,000
Securities sold under repurchase agreements	779,009	1,051,648	-	-	-	1,830,657
Payables	20,941,227	1,084,196	1,295,862	632,388	1,215,016	25,168,689
Deposits and remittances	107,944,663	114,233,639	138,834,558	200,451,459	824,124,791	1,385,589,110
Bank notes payable	-	5,000,000	-	1,100,000	49,160,000	55,260,000
Other maturity fund outflow items	60,206	93,185	85,454	276,906	5,752,652	6,268,403
	<u>144,914,345</u>	<u>121,487,111</u>	<u>140,363,722</u>	<u>202,679,122</u>	<u>880,252,459</u>	<u>1,489,696,759</u>
Gap	\$ 231,003,579	\$ 24,216,430	\$ 48,663,203	\$ 54,862,084	\$ (125,102,802)	\$ 233,642,494

Note: The amounts listed above were the position in N.T. dollars of the Bank.

(In Thousands of United States Dollars)

Item	March 31, 2021					
	0-30 Days	31-90 Days	91-180 Days	181 Days-1 Year	Over 1 Year	Total
Major maturity fund inflows						
Cash and cash equivalents	\$ 100,462	\$ -	\$ -	\$ -	\$ -	\$ 100,462
Due from the Central Bank and call loans to banks	1,650,194	595,953	177,306	113,041	4,844	2,541,338
Financial assets at FVTPL	29,732	-	-	-	-	29,732
Receivables	570,631	101,188	212,163	7,652	2,811	894,445
Discounts and loans	1,251,411	786,212	543,875	416,366	2,894,532	5,892,396
Investments in debt instruments designated at FVTOCI	7,505	21,037	8,027	66,012	1,711,190	1,813,771
Investments in debt instruments at amortized cost	-	-	-	3,000	36,991	39,991
Other maturity fund inflow items	5,000	-	600,000	-	24,854	629,854
	<u>3,614,935</u>	<u>1,504,390</u>	<u>1,541,371</u>	<u>606,071</u>	<u>4,675,222</u>	<u>11,941,989</u>
Major maturity fund outflows						
Deposits from the Central Bank and banks	13,724	833	1,250	2,498	340	18,645
Due to the Central Bank and banks	2,838,077	269,000	25,000	-	-	3,132,077
Payables	1,169,259	52,820	8,521	7,380	1,992	1,239,972
Deposits and remittances	1,860,565	2,294,468	1,832,721	2,398,448	3,816,199	12,202,401
Other maturity fund outflow items	57,077	4,809	340	5,410	76,705	144,341
	<u>5,938,702</u>	<u>2,621,930</u>	<u>1,867,832</u>	<u>2,413,736</u>	<u>3,895,236</u>	<u>16,737,436</u>
Gap	\$ (2,323,767)	\$ (1,117,540)	\$ (326,461)	\$ (1,807,665)	\$ 779,986	\$ (4,795,447)

Note: The amounts listed above were the position in U.S. dollars of the Bank.



(In Thousands of United States Dollars)

Item	December 31, 2020					
	0-30 Days	31-90 Days	91-180 Days	181 Days-1 Year	Over 1 Year	Total
Major maturity fund inflows						
Cash and cash equivalents	\$ 250,522	\$ 50,000	\$ -	\$ -	\$ -	\$ 300,522
Due from the Central Bank and call loans to banks	2,029,277	1,211,793	307,263	107,589	5,132	3,661,054
Financial assets at FVTPL	48,273	-	-	-	-	48,273
Receivables	821,763	102,690	200,958	19,889	2,744	1,148,044
Discounts and loans	1,020,941	730,488	546,591	415,628	3,000,423	5,714,071
Investments in debt instruments at FVTOCI	-	23,030	28,625	38,584	944,365	1,034,604
Investments in debt instruments at amortized cost	-	10,498	-	3,001	86,942	100,441
Other maturity fund inflow items	5,000	-	-	600,000	79,346	684,346
	<u>4,175,776</u>	<u>2,128,499</u>	<u>1,083,437</u>	<u>1,184,691</u>	<u>4,118,952</u>	<u>12,691,355</u>
Major maturity fund outflows						
Deposits from the Central Bank and banks	13,524	611	917	1,834	784	17,670
Due to the Central Bank and banks	2,639,237	355,000	-	-	-	2,994,237
Payables	1,169,585	47,281	8,659	5,728	1,254	1,232,507
Deposits and remittances	2,179,972	2,246,177	1,817,550	2,141,938	4,156,206	12,541,843
Other maturity fund outflow items	51,872	15,776	617	38	10,120	78,423
	<u>6,054,190</u>	<u>2,664,845</u>	<u>1,827,743</u>	<u>2,149,538</u>	<u>4,168,364</u>	<u>16,864,680</u>
Gap	\$ (1,878,414)	\$ (536,346)	\$ (744,306)	\$ (964,847)	\$ (49,412)	\$ (4,173,325)

Note: The amounts listed above were the position in U.S. dollars of the Bank.

(In Thousands of United States Dollars)

Item	March 31, 2020					
	0-30 Days	31-90 Days	91-180 Days	181 Days-1 Year	Over 1 Year	Total
Major maturity fund inflows						
Cash and cash equivalents	\$ 122,816	\$ 100,000	\$ -	\$ -	\$ -	\$ 222,816
Due from the Central Bank and call loans to banks	1,283,265	878,510	68,672	22,366	3,522	2,256,335
Financial assets at FVTPL	36,370	-	-	-	-	36,370
Receivables	476,147	84,104	150,881	34,385	3,839	749,356
Discounts and loans	872,192	608,651	683,206	345,970	3,260,952	5,770,971
Investments in debt instruments designated at FVTOCI	15,007	4,999	27,055	43,651	975,490	1,066,202
Investments in debt instruments at amortized cost	2,999	9,495	22,979	15,508	110,943	161,924
Other maturity fund inflow items	-	-	220,000	600,000	11,556	831,556
	<u>2,808,796</u>	<u>1,685,759</u>	<u>1,172,793</u>	<u>1,061,880</u>	<u>4,366,302</u>	<u>11,095,530</u>
Major maturity fund outflows						
Deposits from the Central Bank and banks	17,270	914	1,370	2,740	85	22,379
Due to the Central Bank and banks	2,207,734	716,000	120,000	20,000	-	3,063,734
Payables	903,195	48,898	9,092	7,995	1,181	970,361
Deposits and remittances	2,098,639	2,096,167	1,467,139	2,085,291	3,143,582	10,890,818
Other maturity fund outflow items	33,900	1,394	2,146	12,441	56,586	106,467
	<u>5,260,738</u>	<u>2,863,373</u>	<u>1,599,747</u>	<u>2,128,467</u>	<u>3,201,434</u>	<u>15,053,759</u>
Gap	\$ (2,451,942)	\$ (1,177,614)	\$ (426,954)	\$ (1,066,587)	\$ 1,164,868	\$ (3,958,229)

Note: The amounts listed above were the position in U.S. dollars of the Bank.

d) Maturity analysis of derivative financial assets and liabilities

The derivative instruments held by the Group, except for interest rate swaps with leveraging effects, have very little probabilities of failing to be sold with reasonable prices in the market, and thus have very low liquidity risks.

(New Taiwan Dollars and Foreign Currencies Combined In Thousands of New Taiwan Dollars)

Item	March 31, 2021					
	0-30 Days	31-90 Days	91-180 Days	181 Days-1 Year	Over 1 Year	Total
Foreign currency derivative instruments						
Outflows	\$ 143,768,189	\$ 226,150,858	\$ 118,108,617	\$ 65,851,969	\$ 1,707,570	\$ 555,587,203
Inflows	145,012,488	226,479,263	118,658,921	66,379,720	1,708,970	558,239,362
Interest rate derivative instruments						
Outflows	-	-	-	-	24,877	24,877
Inflows	102,616	-	-	-	-	102,616
Others						
Outflows	-	-	-	-	-	-
Inflows	20,997	-	-	-	-	20,997
Total outflows	\$ 143,768,189	\$ 226,150,858	\$ 118,108,617	\$ 65,851,969	\$ 1,732,447	\$ 555,612,080
Total inflows	\$ 145,136,101	\$ 226,479,263	\$ 118,658,921	\$ 66,379,720	\$ 1,708,970	\$ 558,362,975

(New Taiwan Dollars and Foreign Currencies Combined In Thousands of New Taiwan Dollars)

Item	December 31, 2020					
	0-30 Days	31-90 Days	91-180 Days	181 Days-1 Year	Over 1 Year	Total
Foreign currency derivative instruments						
Outflows	\$ 133,921,922	\$ 198,985,577	\$ 71,032,627	\$ 78,311,985	\$ 1,315,123	\$ 483,567,234
Inflows	132,032,625	199,384,526	70,332,453	79,134,719	1,328,151	482,212,474
Interest rate derivative instruments						
Outflows	-	3,303,180	-	-	22,746	3,325,926
Inflows	78,674	3,091,000	4,089	-	-	3,173,763
Others						
Outflows	-	-	-	-	-	-
Inflows	22,057	-	-	-	-	22,057
Total outflows	\$ 133,921,922	\$ 202,288,757	\$ 71,032,627	\$ 78,311,985	\$ 1,337,869	\$ 486,893,160
Total inflows	\$ 132,133,356	\$ 202,475,526	\$ 70,336,542	\$ 79,134,719	\$ 1,328,151	\$ 485,408,294

(New Taiwan Dollars and Foreign Currencies Combined In Thousands of New Taiwan Dollars)

Item	March 31, 2020					
	0-30 Days	31-90 Days	91-180 Days	181 Days-1 Year	Over 1 Year	Total
Foreign currency derivative instruments						
Outflows	\$ 121,892,256	\$ 378,848,715	\$ 93,049,345	\$ 71,531,472	\$ -	\$ 665,321,788
Inflows	122,010,468	379,021,665	93,283,158	71,701,140	-	666,016,431
Interest rate derivative instruments						
Outflows	516	-	3,102,300	7,250,020	15,315	10,368,151
Inflows	72,139	-	3,037,360	7,249,200	-	10,358,699
Others						
Outflows	-	-	-	-	-	-
Inflows	28,749	-	-	-	-	28,749
Total outflows	\$ 121,892,772	\$ 378,848,715	\$ 96,151,645	\$ 78,781,492	\$ 15,315	\$ 675,689,939
Total inflows	\$ 122,111,356	\$ 379,021,665	\$ 96,320,518	\$ 78,950,340	\$ -	\$ 676,403,879

e) Maturity analysis of off-balance sheet items

Bank's off-balance sheet items - irrevocable loans, guarantees, and letters of credit presented based on the residual time from the balance sheet date to the maturity date were as follows:

(In Thousands of New Taiwan Dollars)

Item	March 31, 2021					
	0-30 Days	31-90 Days	91-180 Days	181 Days-1 Year	Over 1 Year	Total
Unused loan commitments (excluding credit cards)	\$ 64,900,581	\$ 809,206	\$ 1,421,425	\$ 1,785,810	\$ 7,960,774	\$ 76,877,796
Credit card commitments	4,395	302,055	514	200	13	307,177
Unused issued letters of credit	24,159,239	85,877	-	29,391	-	24,274,507
Guarantees in guarantee business	59,632,207	87,382	98,188	369,543	74,787	60,262,107
	\$ 148,696,422	\$ 1,284,520	\$ 1,520,127	\$ 2,184,944	\$ 8,035,574	\$ 161,721,587

(In Thousands of New Taiwan Dollars)

Item	December 31, 2020					
	0-30 Days	31-90 Days	91-180 Days	181 Days-1 Year	Over 1 Year	Total
Unused loan commitments (excluding credit cards)	\$ 58,422,232	\$ 17,300	\$ 924,910	\$ 2,747,143	\$ 7,640,613	\$ 69,752,198
Credit card commitments	17	281	609	18,210	329,043	348,160
Unused issued letters of credit	22,360,834	143,334	-	-	-	22,504,168
Guarantees in guarantee business	58,134,932	25,024	130,140	407,109	68,012	58,765,217
	\$ 138,918,015	\$ 185,939	\$ 1,055,659	\$ 3,172,462	\$ 8,037,668	\$ 151,369,743

(In Thousands of New Taiwan Dollars)

Item	March 31, 2020					
	0-30 Days	31-90 Days	91-180 Days	181 Days-1 Year	Over 1 Year	Total
Unused loan commitments (excluding credit cards)	\$ 58,120,594	\$ 1,175,074	\$ 782,340	\$ 2,121,059	\$ 8,284,731	\$ 70,483,798
Credit card commitments	-	33	8,629	18,756	273,527	300,945
Unused issued letters of credit	22,065,465	105,615	-	-	-	22,171,080
Guarantees in guarantee business	57,169,106	57,886	134,220	773,240	52,647	58,187,099
	\$ 137,355,165	\$ 1,338,608	\$ 925,189	\$ 2,913,055	\$ 8,610,905	\$ 151,142,922

### 35. OTHER DISCLOSURES OF FINANCIAL INSTITUTION

#### a. Asset quality

Item		March 31, 2021					March 31, 2020					
		Non-performing Loans (Note a)	Loans	Non-performing Loans Ratio (Note b)	Allowance for Loan Losses	Coverage Ratio (Note c)	Non-performing Loans (Note a)	Loans	Non-performing Loans Ratio (Note b)	Allowance for Loan Losses	Coverage Ratio (Note c)	
Business Type												
Corporate finance	Secured	\$ 3,855,175	\$ 504,173,525	0.76%	\$ 6,064,620	157.31%	\$ 2,898,774	\$ 490,441,183	0.59%	\$ 5,608,518	193.48%	
	Unsecured	877,877	437,005,798	0.20%	5,182,982	590.40%	273,734	494,906,062	0.06%	5,569,946	2,034.80%	
Consumer finance	Mortgage loans (Note d)		386,573	344,797,514	0.11%	5,205,195	1,346.50%	602,397	290,820,959	0.21%	4,402,816	730.88%
	Cash cards (Note h)		-	-	-	-	-	-	-	-	-	-
	Credit loans (Note e)		4,288	2,341,046	0.18%	28,724	669.87%	5,704	1,791,421	0.32%	20,472	358.91%
	Others (Note f)	Secured	751,299	213,152,313	0.35%	2,185,849	290.94%	849,047	194,091,091	0.44%	1,992,026	234.62%
		Unsecured	2,723	1,405,351	0.19%	15,877	583.07%	2,923	1,552,579	0.19%	17,144	586.52%
Total		5,877,935	1,502,875,547	0.39%	18,683,247	317.85%	4,632,579	1,473,603,295	0.31%	17,610,922	380.15%	

Item		March 31, 2021					March 31, 2020				
		Non-performing Loans (Note a)	Loans	Non-performing Loans Ratio (Note b)	Allowance for Loan Losses	Coverage Ratio (Note c)	Non-performing Loans (Note a)	Loans	Non-performing Loans Ratio (Note b)	Allowance for Loan Losses	Coverage Ratio (Note c)
Business Type											
Credit card		\$ 3,551	\$ 1,960,923	0.18%	\$ 19,648	553.31%	\$ 5,123	\$ 1,771,063	0.29%	\$ 21,280	415.38%
No recourse receivable factoring (Note g)		-	9,048,404	-	140,484	-	-	7,913,350	-	129,134	-

Note a: Non-performing loans are classified in accordance with the Regulations of the Procedures for Banking Institutions to Evaluate Assets and Deal with Past Due/Non-performing Loans and Bad Debts issued by the MOF. Non-performing loans of credit cards are defined in the Letter issued by the Banking Bureau on July 6, 2005 (Ref. No. Jin-Guan-Yin (4) 0944000378).

Note b: Non-performing loans ratio = Non-performing loan ÷ Loans  
Non-performing loans of credit card ratio = Non-performing loans of credit cards ÷ Accounts receivable

Note c: Coverage ratio of allowances for loan losses = Allowances for loan losses ÷ Non-performing loans  
Coverage ratio of allowance for loan losses of credit card = Allowance for loan losses of credit card ÷ Non-performing loans of credit cards

Note d: Mortgage loans are for borrowers to build or repair buildings, allowing the borrowers, their spouses or their minor children to fully use their buildings as collateral and to mortgage their rights to financial institutions.

Note e: Credit loans are defined in the Letter issued by the Banking Bureau on December 19, 2005 (Ref. No. Jin-Guan-Yin (4) 09440010950), excluding credit loans of credit cards and cash cards.

Note f: The other consumer financial businesses are defined as secured or unsecured consumer financial businesses, excluding mortgage loans, cash cards, credit loans and credit cards.

Note g: In accordance with the Letter issued by the Banking Bureau on July 19, 2005 (Ref. No. Jin-Guan-Yin (5) 094000494) non-recourse receivable factorings are not defined as non-performing loans until compensation from factors or insurance companies are ascertained to be non-recoverable.

Note h: The Group does not engage in cash cards business.

Item  Business Type	March 31, 2021		March 31, 2020	
	Non-performing Loans Exempted from Reporting	Non-performing Receivables Exempted from Reporting	Non-performing Loans Exempted from Reporting	Non-performing Receivables Exempted from Reporting
Negotiated loans transacted in accordance with the agreement and exempted from reporting as non-performing loans (Note a)	\$ -	\$ 599	\$ -	\$ 878
Negotiated accounts receivable transacted in accordance with the agreement and exempted from reporting as non-performing receivables (Note b)	405	21,015	469	20,019
Total	405	21,614	469	20,897

Note a: Negotiated loans and accounts receivable transacted in accordance with the agreement and exempted from reporting as non-performing loans are disclosed in accordance with the Letter issued by Banking Bureau on April 25, 2006 (Ref. No. Jin-Guan-Yin (1) 09510001270).

Note b: Loans and receivables transacted in accordance with debt clearance and renewal regulation and exempted from reporting as non-performing loans or receivables are disclosed in accordance with the Letter issued by Banking Bureau on September 15, 2008 (Ref. No. Jin-Guan-Yin (1) 09700318940).

b. Concentration of credit risk

March 31, 2021			
Rank (Note a)	Transaction Party (Note b)	Loans (Note c)	As Proportion of Net Equity (%) (Note d)
1	A Group (airline industry)	\$ 27,760,095	16.58
2	B Corporation (railway transportation industry)	24,033,751	14.36
3	C Group (steel smelting industry)	14,575,050	8.71
4	D Group (other financial intermediation industry)	12,836,654	7.67
5	E Group (enterprise general management agency)	11,851,947	7.08
6	F Group (vessel carriers industry)	8,242,940	4.92
7	G Group (steel manufacturing industry)	8,079,544	4.83
8	H Group (other computer peripheral equipment manufacturing industry)	7,278,457	4.35
9	I Group (computer manufacturing industry)	6,423,126	3.84
10	J Group (liquid crystal panel and components manufacturing industry)	6,267,630	3.74

March 31, 2020			
Rank (Note a)	Transaction Party (Note b)	Loans (Note c)	As Proportion of Net Equity (%) (Note d)
1	A Group (airline industry)	\$ 26,031,008	16.05
2	B Corporation (railway transportation industry)	25,074,410	15.46
3	D Group (synthesis construction industry)	20,461,000	12.62
4	F Group (concrete manufacturing industry)	19,161,933	11.82
5	C Group (steel smelting industry)	16,878,727	10.41
6	E Group (enterprise general management agency)	9,427,208	5.81
7	G Group (steel manufacturing industry)	6,997,562	4.32
8	J Group (liquid crystal panel and components manufacturing industry)	6,675,144	4.12
9	K Group (real estate development industry)	6,336,163	3.91
10	L Group (electric wire and cable manufacturing industry)	6,127,744	3.78

Note a: Sorted by the balance of loans on March 31, 2021 and 2020, excluding government or state-run business. The number of transaction party which belongs to a group business was included in the balance of group business.

Note b: Transaction party is in accordance with article 6 of the Supplementary Provisions to the Taiwan Stock Exchange Corporation Criteria for Review of Securities Listings.

Note c: Loans include import and export bill negotiations, bills discounted, overdraft, short-term loan, short-term secured loan, accounts receivable financing, medium-term loan, medium-term secured loan, long-term loan, long-term secured loan, delinquent loans, inward remittances, factoring without recourse, acceptance, and guarantee.

Note d: The percentage of loans to equity for the period: Domestic banks should use bank equity to calculate; the Taiwan branch of foreign banks should use branch's equity to calculate.

c. Interest rate sensitivity

(In Thousands of New Taiwan Dollars; %)

Item	March 31, 2021				
	1-90 Days	91-180 Days	181 Days-1 Year	More Than 1 Year	Total
Interest-sensitive assets	\$ 1,587,808,422	\$ 63,923,921	\$ 63,229,739	\$ 117,081,250	\$ 1,832,043,332
Interest-sensitive liabilities	349,054,699	1,071,576,479	136,750,425	59,378,641	1,616,760,244
Interest sensitivity gap	1,238,753,723	(1,007,652,558)	(73,520,686)	57,702,609	215,283,088
Net equity					146,079,542
Ratio of interest-sensitive assets to liabilities					113.32%
Ratio of interest sensitivity gap to net equity					147.37%

(In Thousands of New Taiwan Dollars; %)

Item	March 31, 2020				
	1-90 Days	91-180 Days	181 Days-1 Year	More Than 1 Year	Total
Interest-sensitive assets	\$ 1,407,604,986	\$ 82,098,738	\$ 53,969,063	\$ 105,043,111	\$ 1,648,715,898
Interest-sensitive liabilities	321,913,089	947,970,221	101,485,741	49,102,823	1,420,471,874
Interest sensitivity gap	1,085,691,897	(865,871,483)	(47,516,678)	55,940,288	228,244,024
Net equity					141,046,315
Ratio of interest-sensitive assets to liabilities					116.07%
Ratio of interest sensitivity gap to net equity					161.82%

Note a: The amounts listed above include accounts in N.T. dollars only (i.e. excluding foreign currency) for both head office and domestic branches.

Note b: Interest-sensitive assets and liabilities are interest-earning assets and interest-bearing liabilities with income or cost affected by interest rate fluctuations.

Note c: Interest sensitivity gap = Interest-sensitive assets - Interest-sensitive liabilities

Note d: Ratio of interest-sensitive assets to interest-sensitive liabilities =  $\frac{\text{Interest-sensitive assets}}{\text{Interest-sensitive liabilities}}$   
(N.T. dollars only)

(In Thousands of U.S. Dollars; %)

Item	March 31, 2021				
	1-90 Days	91-180 Days	181 Days-1 Year	More Than 1 Year	Total
Interest-sensitive assets	\$ 10,801,912	\$ 1,493,776	\$ 178,941	\$ 1,097,493	\$ 13,572,122
Interest-sensitive liabilities	14,312,783	1,561,055	1,889,454	4	17,763,296
Interest sensitivity gap	(3,510,871)	(67,279)	(1,710,513)	1,097,489	(4,191,174)
Net equity					564,780
Ratio of interest-sensitive assets to liabilities					76.41%
Ratio of interest sensitivity gap to net equity					(742.09%)

(In Thousands of U.S. Dollars; %)

Item	March 31, 2020				
	1-90 Days	91-180 Days	181 Days-1 Year	More Than 1 Year	Total
Interest-sensitive assets	\$ 10,765,985	\$ 1,115,743	\$ 657,219	\$ 292,204	\$ 12,831,151
Interest-sensitive liabilities	13,246,479	1,440,415	1,798,840	78	16,485,812
Interest sensitivity gap	(2,480,494)	(324,672)	(1,141,621)	292,126	(3,654,661)
Net equity					517,048
Ratio of interest-sensitive assets to liabilities					77.83%
Ratio of interest sensitivity gap to net equity					(706.83%)

Note a: The amounts listed above include accounts in U.S. dollars only for domestic branches, offshore banking unit (OBU), and overseas branches, excluding contingent assets and contingent liabilities.

Note b: Interest-sensitive assets and liabilities are interest-earning assets and interest-bearing liabilities with income or cost affected by interest rate fluctuations.

Note c: Interest sensitivity gap = Interest-sensitive assets - Interest-sensitive liabilities

Note d: Ratio of interest-sensitive assets to interest-sensitive liabilities =  $\frac{\text{Interest-sensitive assets}}{\text{Interest-sensitive liabilities}}$   
(U.S. dollars only)

d. Profitability

Item		March 31, 2021	March 31, 2020
Return on total assets	Pretax	0.10%	0.14%
	After tax	0.08%	0.12%
Return on net equity	Pretax	1.43%	1.91%
	After tax	1.17%	1.54%
Profit margin		28.22%	33.44%

Note a: Return on total assets =  $\frac{\text{Income before (after) tax}}{\text{Average assets}}$

Note b: Return on net equity =  $\frac{\text{Income before (after) tax}}{\text{Average net equity}}$

Note c: Profit margin = 
$$\frac{\text{Income after tax}}{\text{Net revenue and gains}}$$

Note d: Profitability presented above is cumulative from January 1 to March 31 of 2021 and 2020, respectively.

e. Maturity analysis of assets and liabilities

(In Thousands of New Taiwan Dollars)

	Total	March 31, 2021					
		Period Remaining until Due Date and Amount Due					
		0-10 Days	11-30 Days	31-90 Days	91-180 Days	181 Days-1 Year	More Than 1 Year
Major maturity cash inflows	\$ 2,168,270,417	\$ 282,970,803	\$ 265,218,323	\$ 256,884,576	\$ 198,977,467	\$ 271,871,658	\$ 892,347,590
Major maturity cash outflows	2,732,358,657	113,389,670	176,886,644	417,778,332	339,580,172	586,842,374	1,097,881,465
Gap	(564,088,240)	169,581,133	88,331,679	(160,893,756)	(140,602,705)	(314,970,716)	(205,533,875)

(In Thousands of New Taiwan Dollars)

	Total	March 31, 2020					
		Period Remaining until Due Date and Amount Due					
		0-10 Days	11-30 Days	31-90 Days	91-180 Days	181 Days-1 Year	More Than 1 Year
Major maturity cash inflows	\$ 2,063,148,303	\$ 212,749,867	\$ 188,938,366	\$ 393,677,755	\$ 205,546,976	\$ 273,113,760	\$ 789,121,579
Major maturity cash outflows	2,643,942,314	123,575,961	143,347,368	517,453,289	317,975,602	492,894,694	1,048,695,400
Gap	(580,794,011)	89,173,906	45,590,998	(123,775,534)	(112,428,626)	(219,780,934)	(259,573,821)

Note: The amounts listed above include accounts in N.T. dollars only (i.e., excluding foreign currency) for both head office and domestic branches.

(In Thousands of U.S. Dollars)

	Total	March 31, 2021				
		Period Remaining until Due Date and Amount Due				
		1-30 Days	31-90 Days	91-180 Days	181 Days-1 Year	More Than 1 Year
Major maturity cash inflows	\$ 25,622,669	\$ 9,531,355	\$ 5,279,099	\$ 3,745,998	\$ 1,989,275	\$ 5,076,942
Major maturity cash outflows	29,921,216	9,545,354	4,852,468	4,572,418	4,887,693	6,063,283
Gap	(4,298,547)	(13,999)	426,631	(826,420)	(2,898,418)	(986,341)

(In Thousands of U.S. Dollars)

	Total	March 31, 2020				
		Period Remaining until Due Date and Amount Due				
		1-30 Days	31-90 Days	91-180 Days	181 Days-1 Year	More Than 1 Year
Major maturity cash inflows	\$ 23,427,344	\$ 7,237,699	\$ 6,070,738	\$ 3,276,489	\$ 2,477,177	\$ 4,365,241
Major maturity cash outflows	28,028,902	8,367,643	6,053,675	3,503,318	5,007,424	5,096,842
Gap	(4,601,558)	(1,129,944)	17,063	(226,829)	(2,530,247)	(731,601)

Note: The amounts listed above include accounts in U.S. dollars for head office, domestic branches, and OBU.



f. Trust accounts

Under article 3 of the Trust Law, the Group can offer trust services. The items and amounts of trust accounts as of March 31, 2021 and 2020 were as follows:

	<b>March 31</b>	
	<b>2021</b>	<b>2020</b>
Special purpose trust accounts - domestic	\$ 30,464,871	\$ 31,515,525
Special purpose trust accounts - foreign	73,239,091	69,458,985
Insurance trust	10,814	10,775
Retirement and breeds trust	445,261	418,531
Umbilical cord blood trust	12,734,546	12,120,535
Money claim and guarantee trust	54,800	57,800
Marketable securities trust	1,016,407	997,063
Real estate trust	19,092,228	25,185,388
Securities under custody	250,837,068	249,159,028
Other money trust	<u>3,503,729</u>	<u>3,188,685</u>
	<u>\$ 391,398,815</u>	<u>\$ 392,112,315</u>

### 36. RELATED-PARTY TRANSACTIONS

a. Related parties and their relationships with the Bank

<b>Name</b>	<b>Relationship</b>
Director and managers	The Bank's director and managers
Taishin Financial Holding	The Bank's related party in substance (as the Bank's corporate director before June 19, 2020)
Taishin International Bank	The subsidiary of Bank's related party in substance (owned by the same parent company before June 19, 2020)
Chunghwa Post Co., Ltd.	The Bank's corporate director (as the Bank's related party since June 19, 2020)
The Export-Import Bank	Its director is the Bank's corporate director
Land Bank	Its director is the Bank's corporate director
Taiwan Business Bank	Its director is the Bank's corporate director
Taichung Commercial Bank Co., Ltd.	Its director is the spouse of the Bank's manager
Taiwan High Speed Rail Corporation	Its director is the Bank's corporate director
Yang Ming Marine Transport Corporation	Its director is the Bank's corporate director
CSBC Corporation	Its director is the Bank's corporate director
China Airlines, Ltd.	Its director is the Bank's corporate director
Unity OPTO Technology Co., Ltd.	Its director is the Bank's corporate director
Powertec Electronical Corporation	Its director is the Bank's corporate director
United Renewable Energy Co., Ltd.	Its director is the Bank's corporate director
EirGenix, Inc.	Its director is the Bank's corporate director
Lungteh Shipbuilding Co., Ltd.	Its director is the Bank's corporate director
Adimmune Corporation	Its director is the Bank's corporate director
Kaohsiung Rapid Transit Corporation	Its director is the Bank's corporate director
Others	Other related parties (IAS 24 "Related Party Disclosures")

b. Significant transactions with related parties

1) Loans

	Balance	Percentage of Loans (%)
Balance as of March 31, 2021	\$ 31,062,162	2.07
Balance as of December 31, 2020	32,684,371	2.21
Balance as of March 31, 2020	31,727,036	2.16

For the three months ended March 31, 2021 and 2020, interest ranged from 0.00% to 3.57% and from 0.63% to 3.67% and interest income amounted to \$128,998 thousand and \$155,575 thousand, respectively.

March 31, 2021							Difference in Terms Between Related Parties and Non-related Parties
	Ending Balance	Highest Amount	Normal Loans	Non-performing Loans	Collateral		
<u>Consumer loans</u>							
51 accounts	\$ 29,061	\$ 30,393	\$ 29,061	\$ -	Credit	None	
<u>Self-use residential mortgage loans</u>							
243 accounts	1,512,127	1,571,592	1,512,127	-	Real estate	None	
<u>Others</u>							
Taiwan High Speed Rail Corporation	23,961,122	23,971,352	23,961,122	-	Credit and station equipment	None	
Yang Ming Marine Transport Corporation	1,996,500	2,974,000	1,996,500	-	Credit and ship	None	
CSBC Corporation	1,008,208	3,022,366	1,008,208	-	Credit	None	
China Airlines, Ltd.	1,000,000	1,000,000	1,000,000	-	Credit and fund guarantee	None	
Unity Opto Technology Co., Ltd.	630,379	631,011	630,379	-	Credit and land and plant	None	
Powertec Electrical Corporation	266,512	468,246	-	266,512	Plant	None	
United Renewable Energy Co., Ltd.	166,092	377,340	166,092	-	Credit	None	
EirGenix, Inc	103,365	103,365	103,365	-	Plant	None	
Lungteh Shipbuilding Co., Ltd.	103,080	199,686	103,080	-	Credit and land and plant	None	
Other - corporation 10 accounts (Note 1)	284,993	1,160,058	284,993	-	Credit and fund guarantee and real estate	None	
Other - individual 6 accounts (Note 2)	723	775	723	-	Deposit	None	
December 31, 2020							
	Ending Balance	Highest Amount	Normal Loans	Non-performing Loans	Collateral	Difference in Terms Between Related Parties and Non-related Parties	
<u>Consumer loans</u>							
48 accounts	\$ 28,650	\$ 30,104	\$ 28,650	\$ -	Credit	None	
<u>Self-use residential mortgage loans</u>							
251 accounts	1,587,334	1,640,520	1,587,334	-	Real estate	None	
<u>Others</u>							
Taiwan High Speed Rail Corporation	23,961,579	23,982,424	23,961,579	-	Credit and station equipment	None	
Yang Ming Marine Transport Corporation	2,974,000	2,974,000	2,974,000	-	Credit and ship	None	

(Continued)

December 31, 2020						
	Ending Balance	Highest Amount	Normal Loans	Non-performing Loans	Collateral	Difference in Terms Between Related Parties and Non-related Parties
China Airlines, Ltd.	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ -	Credit and fund guarantee	None
CSBC Corporation	1,000,000	1,168,892	1,000,000	-	Credit	None
Unity Opto Technology Co., Ltd.	630,162	631,719	630,162	-	Credit and land and plant	None
Powertec Electronical Corporation	466,027	668,002	-	466,027	Plant	None
United Renewable Energy Co., Ltd.	320,405	466,932	320,405	-	Credit	None
Kaohsiung Rapid Transit Corporation	200,000	530,000	200,000	-	Credit	None
Lungteh Shipbuilding Co., Ltd.	120,224	136,804	120,224	-	Credit and land and plant	None
EirGenix, Inc.	103,365	103,365	103,365	-	Plant	None
Other - 9 corporation accounts (Note 1)	290,324	459,012	290,324	-	Credit and fund guarantee and real estate	None
Other - 7 individual accounts (Note 2)	2,301	2,535	2,301	-	Deposit	None

(Concluded)

March 31, 2020						
	Ending Balance	Highest Amount	Normal Loans	Non-performing Loans	Collateral	Difference in Terms Between Related Parties and Non-related Parties
<u>Consumer loans</u>						
32 accounts	\$ 16,402	\$ 17,245	\$ 16,402	\$ -	Credit	None
<u>Self-use residential mortgage loans</u>						
226 accounts	1,458,934	1,518,829	1,458,934	-	Real estate	None
<u>Others</u>						
Taiwan High Speed Rail Corporation	24,971,433	25,742,437	24,971,433	-	Credit and station equipment	None
Yang Ming Marine Transport Corporation	2,338,000	2,878,000	2,338,000	-	Credit and ship	None
CSBC Corporation	1,000,000	3,515,936	1,000,000	-	Credit	None
Unity Opto Technology Co., Ltd.	746,047	1,051,361	746,047	-	Credit, land and plant	None
Powertec Electronical Corporation	668,002	1,131,383	668,002	-	Credit and plant	None
United Renewable Energy Co., Ltd.	100,000	100,000	100,000	-	Credit	None
Other - corporation 10 accounts (Note 1)	426,716	714,331	426,716	-	Credit and fund guarantee and real estate	None
Other - individual 3 accounts (Note 2)	1,501	1,506	1,501	-	Deposit	None

Note 1: The balance of every corporate entity is not exceed \$1 billion.

Note 2: The balance of every single entity is not exceed 1% of the total ending balance.

Managers for mortgage within \$8,000 thousand and credit loans within \$800 thousand per person all bore interests both at 1.01% in March 31, 2021, December 31, 2020 and March 31, 2020. The interest rates and other terms provided to the other related parties are the same as those offered to the public.

## 2) Guaranteed loans

March 31, 2021					
	Ending Balance	Highest Amount	Reserve for Guarantee Liabilities	Interest Rate (Per Annum %)	Collateral
CSBC Corporation	\$ 2,010,650	\$ 2,010,650	\$ 20,107	0.65	None
Yang Ming Marine Transport Corporation	1,011,100	1,370,685	10,111	0.80-1.00	None
Kaohsiung Rapid Transit Corporation	6,000	6,000	60	0.50	None
December 31, 2020					
	Ending Balance	Highest Amount	Reserve for Guarantee Liabilities	Interest Rate (Per Annum %)	Collateral
CSBC Corporation	\$ 2,010,650	\$ 2,010,650	\$ 20,107	0.65	None
Yang Ming Marine Transport Corporation	1,370,685	1,511,100	13,707	0.80-1.00	None
Kaohsiung Rapid Transit Corporation	6,000	6,000	60	0.50	None
March 31, 2020					
	Ending Balance	Highest Amount	Reserve for Guarantee Liabilities	Interest Rate (Per Annum %)	Collateral
CSBC Corporation	\$ 2,010,650	\$ 2,010,650	\$ 20,107	0.65	None
Yang Ming Marine Transport Corporation	1,511,100	1,511,100	15,111	0.80-1.00	None
Adimmune Corporation	18,367	18,457	184	1.80	Pledged demand deposit
Kaohsiung Rapid Transit Corporation	6,000	21,327	60	0.50	None

## 3) Deposits

	Balance	Percentage of Loans (%)
Balance as of March 31, 2021	\$ 23,905,945	1.19
Balance as of December 31, 2020	7,384,898	0.39
Balance as of March 31, 2020	10,860,663	0.60

For the three months ended March 31, 2021 and 2020, the interest rates intervals were between 0.00% and 13.00%; the interest expense was \$16,682 thousand and \$44,895 thousand, respectively.

The interest rate for managers' deposits amounting to \$480 thousand per person was 13% per annum. The part of deposit exceeding \$480 thousand will earn interest calculated at the demand savings rate. The interest rates and others terms provided to the other related parties are the same as those offered to general public.

#### 4) Transactions of derivative financial products

(In Thousands of New Taiwan Dollars)

March 31, 2021						
Name	Contract	Duration	Nominal Principle Amount	Current Valuation Gain (Loss)	Balance Sheet	
					Subject	Amount
Chunghwa Post Co., Ltd	Currency swaps	2020.8.10-2021.8.31	\$ 12,114,625	\$ 129,414	Financial assets at fair value through profit or loss	\$ 34,285

(In Thousands of New Taiwan Dollars)

December 31, 2020						
Name	Contract	Duration	Nominal Principle Amount	Current Valuation Gain (Loss)	Balance Sheet	
					Subject	Amount
Chunghwa Post Co., Ltd	Currency swaps	2020.8.10-2021.6.15	\$ 11,942,500	\$ (371,770)	Financial liabilities at fair value through profit or loss	\$ 371,770

#### 5) Call loans to banks and call loans from banks

##### Call loans to banks

(In Thousands of Original Currencies)

March 31, 2021					
Name	Department	Currency	Ending Balance	Interest Rate (Per Annum %)	Interest Income
Chunghwa Post Co., Ltd Land Bank	DBU	NTD	\$ 15,000	0.08-0.62	\$ 19
	DBU	NTD	5,000	0.08-0.47	1,329
	OBU	USD	80,000	0.09-0.33	70
	OBU	RMB	50,000	1.90-3.40	7
	Singapore Branch	USD	25,000	0.33	15
Taiwan Business Bank	Hong Kong Branch	USD	80,000	0.15-0.35	31
	Tokyo Branch	USD	15,000	0.18-0.25	7
	London Branch	USD	5,000	0.27	1
	Hong Kong Branch	USD	25,000	0.03-0.34	17
Taichung Commercial Bank	DBU	NTD	500,000	0.18-0.23	435
	OBU	JPY	1,000,000	0.02-0.04	83

December 31, 2020					
Name	Department	Currency	Ending Balance	Interest Rate (Per Annum %)	Interest Income
Chunghwa Post Co., Ltd Land Bank	DBU	NTD	\$ 15,000	0.08-0.77	\$ 445
	DBU	NTD	2,005,000	0.07-0.67	3,201
	OBU	USD	115,000	0.08-2.35	1,423
	OBU	AUD	80,000	0.06-0.38	53
	Hong Kong Branch	USD	40,000	0.10-2.38	768
Taiwan Business Bank	OBU	USD	30,000	0.09-2.30	143
	Tokyo Branch	USD	15,000	0.16-0.53	13
	Hong Kong Branch	USD	30,000	0.14-2.37	197
	DBU	NTD	500,000	0.20-0.43	1,030
Taichung Commercial Bank	OBU	JPY	1,500,000	0.02	3

March 31, 2020					
Name	Department	Currency	Ending Balance	Interest Rate (Per Annum %)	Interest Income
Land Bank	DBU	NTD	\$ 6,010,000	0.08-0.67	\$ 902
	OBU	USD	85,000	0.35-2.35	1,034
	New York Branch	USD	20,000	2.6	3
	Hong Kong Branch	USD	60,000	1.85-2.38	426
	New York Branch	USD	10,000	2.7	1
Taiwan Business Bank	Hong Kong Branch	USD	15,000	1.29-2.37	104

### Call loans from banks

(In Thousands of Original Currencies)

March 31, 2021					
Name	Department	Currency	Ending Balance	Interest Rate (Per Annum %)	Interest Expense
Land Bank	DBU	NTD	\$ 5,000	0.48	\$ 163
	New York Branch	USD	20,000	0.09-0.24	163
Taiwan Business Bank	OBU	ZAR	10,000	4.00-7.50	16
	Singapore Branch	SGD	5,000	0.20-0.28	16
December 31, 2020					
Name	Department	Currency	Ending Balance	Interest Rate (Per Annum %)	Interest Expense
Land Bank	DBU	NTD	\$ 5,000	0.18-0.66	\$ 180
Taiwan Business Bank	Singapore Branch	SGD	6,000	0.10-2.20	41
March 31, 2020					
Name	Department	Currency	Ending Balance	Interest Rate (Per Annum %)	Interest Expense
Taiwan Business Bank	Singapore Branch	SGD	\$ 6,000	0.70-2.20	\$ 35
	London Branch	GBP	5,000	1.00-1.05	13

### 6) Due from banks and deposits from banks

#### Due from banks

(In Thousands of New Taiwan Dollars)

Name	Department	Currency	March 31, 2021	December 31, 2020	March 31, 2020
			Ending Balance	Ending Balance	Ending Balance
Land Bank	DBU	NTD	\$ 4	\$ 4	\$ 1
Taiwan Business Bank	DBU	NTD	4	4	190
Chunghwa Post Co., Ltd	DBU	NTD	115	121	-

#### Deposits from banks

(In Thousands of Original Currencies)

Name	Department	Currency	March 31, 2021	December 31, 2020	March 31, 2020
			Ending Balance	Ending Balance	Ending Balance
Land Bank	DBU	NTD	\$ 277	\$ 277	\$ 277
The Export-Import Bank	DBU	NTD	1,679	2,205	792
Chunghwa Post Co., Ltd	DBU	NTD	327,654	355,766	-
Taishin International Bank	New York Branch	USD	68	68	67

c. Compensation of directors and management personnel

	<b>For the Three Months Ended March 31</b>	
	<b>2021</b>	<b>2020</b>
Short-term employee benefits	\$ 12,249	\$ 12,716
Post-employment benefits	<u>418</u>	<u>406</u>
	<u>\$ 12,667</u>	<u>\$ 13,122</u>

The remuneration of directors and key executives was determined by the remuneration committee based on the performance of individuals and market trends.

d. Others

The Bank signed two-year information system service contracts in the amounts of \$2,000 thousand and \$46 thousand on April 8, 2020 and April 30, 2020, with its subsidiaries Chang Hua Commercial Bank, Ltd. and Chang Hwa Bank Venture Capital Co., Ltd., respectively and recognized other income in the amount of \$1,659 thousand in 2021.

The Bank signed three-year legal advice service contract with its subsidiary, Chang Hwa Bank Venture Capital Co., Ltd., on November 26, 2020. Under the contract, the annual service fee is \$68 thousand.

### 37. PLEDGED ASSETS

The summary of the Group's pledged assets as of March 31, 2021, December 31, 2020 and March 31, 2020 is as follows:

<b>Pledged Assets</b>	<b>Description</b>	<b>March 31, 2021</b>	<b>December 31, 2020</b>	<b>March 31, 2020</b>
Investments in debt instruments at FVTOCI	Bonds	\$ 1,165,987	\$ 1,126,969	\$ 1,031,210
Investments in debt instruments at amortized cost	Bonds and certificates of deposit	41,442,525	41,440,500	41,571,793
Time deposits with original maturities of more than 3 months	Time deposits	2,818,400	2,811,250	2,763,150
Refundable deposits	Cash	916,879	2,601,890	585,481
Reserves for demand Account	Cash	30,000,000	30,000,000	-

### 38. CONTINGENT LIABILITIES AND COMMITMENTS

- a. In addition to those mentioned in Note 7, the Group had the following contingent liabilities and commitments as of March 31, 2021, December 31, 2020 and March 31, 2020:

	March 31, 2021	December 31, 2020	March 31, 2020
Trust liabilities	\$ 391,398,816	\$ 377,589,720	\$ 392,112,315
Unused loan commitments (excluding credit cards)	76,877,796	69,752,198	70,483,798
Credit card commitments	307,177	348,160	300,945
Unused issued letters of credit	24,274,507	22,504,168	22,171,080
Guarantees in guarantee business	60,262,107	58,765,217	58,187,099
Repayment notes and times deposit held for custody	14,621,873	14,530,602	14,522,823
Liabilities on joint loans	592,678	629,849	807,111

The unrecognized commitments for the acquisition of equipment and intangible assets, as well as the commitments for construction, appointment and security as of March 31, 2021 were \$710,877 thousand, \$39,075 thousand, \$535,657 thousand and \$98,643 thousand, respectively. The unrecognized refundable deposits for national financing guarantee promotion plan were \$158,376 thousand.

- b. TDK Corporation filed a legal proceeding against the Bank for damages in the amount of \$45,794 thousand. On April 19, 2017, the Taiwan Superior Court passed a verdict partially in favor of and partially against the Bank, and the Bank shall compensate the damages in the amount of \$11,448 thousand. The Bank had appealed to the Supreme Court. The Supreme Court held hearings on September 3, 2019, November 4, 2019, January 14, 2020, May 11, 2020, July 16, 2020, September 30, 2020, November 25, 2020, January 25, 2021 and April 12, 2021. Then, another judicial procedure would be held on July 26, 2021.
- c. The Bank's North Taichung branch was fined due to the misappropriation of customers' deposits. The Bank has negotiated with its customers and confirmed the amount of misappropriated deposits.

### 39. DISCLOSURES UNDER STATUTORY REQUIREMENTS

- a. Material transactions

No.	Item	Explanation
1	Accumulated purchases and sales balance of specific investees' marketable security over NT\$300 million or 10% of outstanding capital for the three months ended March 31, 2021	None
2	Acquisition of fixed assets over NT\$300 million or 10% of outstanding capital for the three months ended March 31, 2021	None
3	Disposal of fixed assets over NT\$300 million or 10% of outstanding capital for the three months ended March 31, 2021	None
4	Discount on fees income from related parties over NT\$5 million	None
5	Receivables from related parties over NT\$300 million or 10% of outstanding capital as of March 31, 2021	None
6	Sale of NPL	None
7	Securitized instruments and related assets which are in accordance with the Statute for Financial Assets Securitization and the Statute for Real Estate Securitization	None
8	Other significant transactions which may affect decisions of the users of the financial statements	None



b. Information on the Bank's Investees

No.	Item	Explanation
1	Investees' names, locations, etc.	Table 1
2	Capital lending to another party	None
3	Endorsement for another party	None
4	Marketable securities held as of March 31, 2021	Table 2
5	Accumulated purchases and sales balance of specific marketable security over NT\$300 million or 10% of outstanding capital for the three months ended March 31, 2021	None
6	Acquisition of property, plant and equipment over NT\$300 million or 10% of outstanding capital for the three months ended March 31, 2021	None
7	Disposal of property, plant and equipment over NT\$300 million or 10% of outstanding capital for the three months ended March 31, 2021	None
8	Receivables from related parties over NT\$300 million or 10% of outstanding capital as of March 31, 2021	None
9	Derivative instrument	None
10	Discount on fees income from related parties over NT\$5 million	None
11	Sale of NPL by subsidiary	None
12	Other significant transactions which may affect decisions of the users of the financial statements	None

c. Investment in mainland China: Table 3.

d. Intercompany relationships and significant intercompany transactions: Table 4.

e. Information of major shareholders: The name of the shareholder, shareholding amount and ratio of shareholders with a shareholding ratio more than 5%. (Table 5)

## 40. SEGMENT INFORMATION

Information reported to the chief operating decision maker for the purpose of resource allocation and assessment of segment performance focuses on the types of services provided.

a. Segment revenue and results

For the Three Months Ended March 31, 2021							
	Loans	Deposits and Remittances	Financial Instruments and Investments	Wealth Management	Overseas Branch and Subsidiaries	Others	Total
Net interest income	\$ 3,169,992	\$ 1,135,351	\$ (126,725)	\$ -	\$ 632,240	\$ (3,865)	\$ 4,806,993
Net service fee income	340,962	59,946	(7,685)	787,177	23,341	-	1,203,741
Net income on financial instrument	-	-	637,309	-	69,245	-	706,554
Others	102,645	-	289	-	3,486	71,245	177,665
Net revenue and gains	3,613,599	1,195,297	503,188	787,177	728,312	67,380	6,894,953
Bad debts expense and commitment and guarantee liability provision	(215,306)	-	195	-	(360,443)	-	(575,554)
Operating expense	-	-	-	-	-	-	(3,940,985)
Income before income tax	\$ 3,398,293	\$ 1,195,297	\$ 503,383	\$ 787,177	\$ 367,869	\$ 67,380	\$ 2,378,414

  

For the Three Months Ended March 31, 2020							
	Loans	Deposits and Remittances	Financial Instruments and Investments	Wealth Management	Overseas Branch and Subsidiaries	Others	Total
Net interest income	\$ 3,224,763	\$ 1,353,008	\$ (272,421)	\$ -	\$ 836,725	\$ (4,952)	\$ 5,137,123
Net service fee income	291,448	58,690	(8,286)	847,056	34,538	-	1,223,446
Net income on financial instrument	-	-	921,083	-	68,419	-	989,502
Others	3,996	-	130	-	40,108	60,007	104,241
Net revenue and gains	3,520,207	1,411,698	640,506	847,056	979,790	55,055	7,454,312
Bad debts expense and commitment and guarantee liability provision	(176,973)	-	160	-	(395,309)	-	(572,122)
Operating expense	-	-	-	-	-	-	(3,782,521)
Income before income tax	\$ 3,343,234	\$ 1,411,698	\$ 640,666	\$ 847,056	\$ 584,481	\$ 55,055	\$ 3,099,669

The reported revenue and results on the segment information did not include inter-segment revenue for the three months ended March 31, 2021 and 2020.

This was the measure reported to the chief operating decision maker for the purpose of resource allocation and assessment of segment performance.

b. Segment total assets and liabilities

	March 31, 2021						
	Loans	Deposits and Remittances	Financial Instruments and Investments	Wealth Management	Subsidiaries and Oversea Branch	Others	Total
Assets	<u>\$ 1,415,335,501</u>	<u>\$ -</u>	<u>\$ 734,528,971</u>	<u>\$ -</u>	<u>\$ 170,834,812</u>	<u>\$ 86,563,937</u>	<u>\$ 2,407,263,221</u>
Liabilities	<u>\$ 2,402,689</u>	<u>\$ 1,959,586,403</u>	<u>\$ 98,605,191</u>	<u>\$ -</u>	<u>\$ 116,040,258</u>	<u>\$ 63,211,812</u>	<u>\$ 2,239,846,353</u>
	December 31, 2020						
	Loans	Deposits and Remittances	Financial Instruments and Investments	Wealth Management	Subsidiaries and Oversea Branch	Others	Total
Assets	<u>\$ 1,388,038,660</u>	<u>\$ -</u>	<u>\$ 675,755,496</u>	<u>\$ -</u>	<u>\$ 165,778,550</u>	<u>\$ 83,867,513</u>	<u>\$ 2,313,440,219</u>
Liabilities	<u>\$ 1,973,128</u>	<u>\$ 1,877,383,413</u>	<u>\$ 100,757,373</u>	<u>\$ -</u>	<u>\$ 114,731,759</u>	<u>\$ 53,540,756</u>	<u>\$ 2,148,386,429</u>
	March 31, 2020						
	Loans	Deposits and Remittances	Financial Instruments and Investments	Wealth Management	Subsidiaries and Oversea Branch	Others	Total
Assets	<u>\$ 1,362,226,326</u>	<u>\$ -</u>	<u>\$ 568,558,785</u>	<u>\$ -</u>	<u>\$ 182,598,498</u>	<u>\$ 80,211,695</u>	<u>\$ 2,193,595,304</u>
Liabilities	<u>\$ 2,281,427</u>	<u>\$ 1,766,402,582</u>	<u>\$ 105,325,570</u>	<u>\$ -</u>	<u>\$ 118,364,626</u>	<u>\$ 39,079,824</u>	<u>\$ 2,031,454,029</u>

**TABLE 1**

**CHANG HWA COMMERCIAL BANK, LTD. AND SUBSIDIARIES**

**INFORMATION ON INVESTEEES’ NAMES AND LOCATIONS**

**FOR THE THREE MONTHS ENDED MARCH 31, 2021**

**(In Thousands of New Taiwan Dollars, Except for Percentage and Shares)**

Investor	Investees’ Names	Investees’ Location	Line of Business	Original Investment Amount		Ending Balance			Net Income (Loss) of Current Period	Recognized Income (Loss) of Current Period	Note
				End of March 31, 2021	End of December 31, 2020	Stock	Ownership Interest (%)	Book Value			
Chang Hwa Bank	Chang Hua Commercial Bank, Ltd. Chang Hwa Bank Venture Capital Co., Ltd.	China Taiwan	Banking Venture capital	\$ 12,117,288 600,000	\$ 12,117,288 600,000	Note 60,000,000	100 100	\$ 12,989,758 634,563	\$ 43,476 52,127	\$ 43,476 52,127	

Note:    Limited company organization.

**TABLE 2****CHANG HWA COMMERCIAL BANK, LTD. AND SUBSIDIARIES****MARKETABLE SECURITIES HELD****MARCH 31, 2021****(In Thousands of New Taiwan Dollars, Unless Stated Otherwise)**

Holding Company Name	Type and Name of Marketable Securities (Note 1)	Relationship with the Holding Company (Note 2)	Financial Statement Account	March 31, 2021				Note
				Number of Shares	Carrying Amount (Note 3)	Percentage of Ownership (%)	Fair Value	
Chang Hwa Bank Venture Capital Co., Ltd.	Tigerair Taiwan Co., Ltd.	-	Financial assets at fair value through other comprehensive income	1,000,000	\$ 30,650	0.4	\$ 30,650	
	Cheng Mei Instrument Technology Co., Ltd.	-	Financial assets at fair value through other comprehensive income	790,000	15,097	3.0	15,097	
	Jada International Development Co., Ltd.	-	Financial assets at fair value through other comprehensive income	1,419,858	14,995	8.5	14,995	
	Yuh Shan Environmental Engineering Co., Ltd.	-	Financial assets at fair value through profit or loss	500,000	10,000	2.6	10,000	
	Acer E-enabling Service Business Inc.	-	Financial assets at fair value through profit or loss	405,813	56,773	1.1	56,773	
	Advanced Wireless & Antenna Inc.	-	Financial assets at fair value through profit or loss	250,000	15,193	1.0	15,193	
	Hong-Wei Electrical Industry & Co., Ltd.	-	Financial assets at fair value through profit or loss	71,000	2,332	0.2	2,332	
	Huang Chieh Metal Composite Material Tech. Co., Ltd.	-	Financial assets at fair value through profit or loss	350,000	36,575	0.6	36,575	
	Ina Energy Corporation	-	Financial assets at fair value through profit or loss	2,000,000	34,000	1.0	34,000	
	imedtac Co., Ltd.	-	Financial assets at fair value through profit or loss	300,000	16,500	2.4	16,500	

Note 1: The securities referred to in this table refer to stocks, bonds, beneficiary certificates and securities derived from the above items within the scope of IFRS 9 “Financial Instruments”.

Note 2: If the issuer of securities is not a related party, this column is exempt.

Note 3: As measured by fair value, fill in the balance of book value after adjustment of the fair value and deduct the allowance loss. If not measured by fair value, fill in the amortized cost (after allowance loss has been deducted) of the book balance.

## CHANG HWA COMMERCIAL BANK, LTD.

INFORMATION ON INVESTMENT IN MAINLAND CHINA  
FOR THE THREE MONTHS ENDED MARCH 31, 2021

(In Thousands of New Taiwan Dollars, Unless Stated Otherwise)

1.

Investee Company	Main Businesses and Products	Paid-in Capital	Method of Investment	Accumulated Outflow of Investment from Taiwan as of January 1, 2021	Investment Flows		Accumulated Outflow of Investment from Taiwan as of March 31, 2021	Net Income (Loss) of the Investee (Note 2)	% of Direct or Indirect Investment	Investment Gain (Loss)	Carrying Amount as of March 31, 2021	Accumulated Repatriation of Investment Income as of March 31, 2021	Note
					Outflow	Inflow							
Chang Hua Commercial Bank, Ltd.	Banking	\$ 12,117,288 (US\$ 399,558)	Note 1.c.	\$ 12,117,288 (US\$ 399,558)	\$ -	\$ -	\$ 12,117,288 (US\$ 399,558)	\$ 43,476	100	\$ 43,476	\$ 12,989,758	\$ -	

2.

Accumulated Outward Remittance for Investment in Mainland China March 31, 2021	Investment Amounts Authorized by Investment Commission, MOEA	Upper Limit on the Amount of Investment Stipulated by Investment Commission, MOEA (Note 3)
\$ 12,117,288 (US\$ 399,558)	\$ 12,117,288 (US\$ 399,433)	\$ 25,112,530

Note 1: The three methods of investment are as follows:

- Direct investment in mainland China.
- Investment in mainland China through reinvestment in existing enterprise in a third area.
- Others.

Note 2: Equity in the profit (loss):

- If the entity is still in the preparation stage and there is no equity in profit (loss), the condition should be noted.
- The basis of recognizing equity in profit (loss) is categorized in the following three types and each entity should be noted according to its condition.
  - Financial statements audited (reviewed) by international accounting firms that cooperate with the accounting firms in the ROC.
  - Financial statements audited (reviewed) by the Taiwan-based parent company's CPA.
  - Others.

Note 3: In accordance with the "Bank, Financial Holding Corporation and Related Party Invest China Business Rules" announced by the FSC, the accumulated outflow of operating funds and investment from the following parties may not exceed 15% of net assets while they applied:

- Banks in Taiwan (or subsidiaries in a third area) which establish branches, establish/acquire subsidiaries or acquire stock or capital contributions from local stockholders in mainland China.
- The subsidiaries whose issued stock with voting rights or more than 50% of capital held by banks in Taiwan that have investments in mainland China.

**TABLE 4**

**CHANG HWA COMMERCIAL BANK, LTD. AND SUBSIDIARIES**

**INTERCOMPANY RELATIONSHIPS AND SIGNIFICANT TRANSACTIONS  
FOR THE THREE MONTHS ENDED MARCH 31, 2021  
(In Thousands of New Taiwan Dollars, Except for Percentage and Stock)**

No. (Note 1)	Investee Company	Counterparty	Relationship (Note 2)	Transactions Details			
				Financial Statement Accounts	Amount	Payment Terms	% to Total Sales or Assets (Note 3)
0	The Bank	Chang Hua Commercial Bank, Ltd.	a.	Due from the Central Bank and call loans to bank	\$ 39,310	Same as normal customers	-
		Chang Hua Commercial Bank, Ltd.	a.	Cash and cash equivalents	122,197	Same as normal customers	0.01
		Chang Hua Commercial Bank, Ltd.	a.	Receivables	155,757	Same as normal customers	0.01
		Chang Hua Commercial Bank, Ltd.	a.	Other financial assets	4,336,000	Same as normal customers	0.18
		Chang Hua Commercial Bank, Ltd.	a.	Interest income	29,668	Same as normal customers	0.43
		Chang Hua Commercial Bank, Ltd.	a.	Net non-interest income	1,659	Same as normal customers	0.02
		Chang Hwa Bank Venture Capital Co., Ltd.	a.	Deposits and remittances	405,002	Same as normal customers	0.02
		Chang Hwa Bank Venture Capital Co., Ltd.	a.	Other liabilities	5	Same as normal customers	-
		Chang Hwa Bank Venture Capital Co., Ltd.	a.	Interest expense	94	Same as normal customers	-
		Chang Hwa Bank Venture Capital Co., Ltd.	a.	Net non-interest income	526	Same as normal customers	0.01

Note 1: Transaction details: Methods of numbering are as follows:

- a. 0 for parent company.
- b. In accordance with subsidiary number starts from 1.

Note 2: Relationships are as follows:

- a. Parent company to subsidiary.
- b. Subsidiary to parent company.
- c. Subsidiary to subsidiary.

Note 3: Transactions amounts are calculated as percentage of accrued amounts of total income or ending balance of total assets.

**TABLE 5****CHANG HWA COMMERCIAL BANK, LTD. AND SUBSIDIARIES****INFORMATION OF MAJOR SHAREHOLDERS****MARCH 31, 2021**

Name of Major Shareholders	Shares	
	Number of Shares	Percentage of Ownership (%)
Taishin Financial Holding Co., Ltd.	2,341,359,234	22.54
Ministry of Finance	1,266,207,840	12.19
Chunghwa Post Co., Ltd.	623,127,589	6.00

Note: The main shareholder information in this table is calculated by the insurance company on the last business day at the end of the quarter, and the total number of ordinary shares and special shares held by the shareholders who have completed the delivery without physical registration (including treasury shares) is more than 5%. The share capital recorded in the Bank's consolidated financial statement and the actual number of shares delivered without physical registration may be different due to the basis of preparation and calculation.