## KGI Bank and Subsidiaries

Consolidated Financial Statements for the Six Months Ended June 30, 2017 and 2016 and Independent Auditors' Report

## INDEPENDENT AUDITORS＇REPORT

## KGI Bank

Opinion
We have audited the accompanying consolidated financial statements of KGI Bank（the Bank）and subsidiaries，which comprise the consolidated balance sheets as of June 30，2017，December 31， 2016 and June 30，2016，and the related consolidated statements of comprehensive income for the three and six months ended June 30， 2017 and 2016，changes in equity and cash flow for the six months then ended，and the notes to the consolidated financial statements，including a summary of significant accounting policies．

In our opinion，the accompanying consolidated financial statements present fairly，in all material respects，the consolidated financial position of the Bank and subsidiaries as of June 30，2017， December 31， 2016 and June 30，2016，and their consolidated financial performance for the three and six months ended June 30， 2017 and 2016，and their consolidated cash flows for the six months then end，in accordance with the Regulations Governing the Preparation of Financial Reports by Public Banks，and International Accounting Standard 34 ＂Interim Financial Reporting＂endorsed and issued into effect by the Financial Supervisory Commission of the Republic of China．

## Basis for Opinion

We conducted our audits in accordance with Regulations Governing Auditing and Attestation of Financial Statements of Financial Institutions by Certified Public Accountants and auditing standards generally accepted in the Republic of China．Our responsibilities under those standards are further described in the Auditors＇Responsibilities for the Audit of the Consolidated Financial Statements section of our report．We are independent of the Bank and subsidiaries in accordance with The Norm of Professional Ethics for Certified Public Accountant of the Republic of China， and we have fulfilled our other ethical responsibilities in accordance with these requirements．We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion．

## Key Audit Matters

Key audit matters are those matters that，in our professional judgment，were of most significance in our audit of the consolidated financial statements for the six months ended June 30，2017．These matters were addressed in the context of our audit of the consolidated financial statements as a whole，and in forming our opinion thereon，and we do not provide a separate opinion on these matters．

Key audit matters for the consolidated financial statements of the Bank and subsidiaries for the six months ended June 30, 2017 are stated as follows:

## Impairment of Discounts, Loans and Receivables

Loan is the main business of the Bank, which is material to the consolidated financial statement as a whole as it accounts for $47 \%$ of the total assets of the consolidated financial statement. As stated in Note 5, to determine the impairment loss of discounts, loans and receivables, the management should (1) judge whether there is any objective evidence of impairment, (2) estimate the expected future cash flow based on historical loss on assets with similar credit risk, and (3) review periodically the methodology and assumptions adopted for both expected future cash flow and its timing to decrease the difference between estimated and actual amount of impairment. The methodology and assumptions adopted for the assessment of objective evidence of impairment and the amount and timing of future cash flows (e.g. impairment occurrence rate, and recovery rate) require the exercise of critical judgments and estimates; therefore, the impairment of discounts, loans and receivables is deemed to be a key audit matter for the six months ended June 30, 2017.

Refer to Notes 4, 5 and 42 for the critical accounting policy, judgment, estimation uncertainty and related disclosure of the impairment for discounts, loans and receivables.

Our key audit procedures performed in respect of the above area included the following:
We understood and assessed the Bank's internal controls related to the discounts, loans and receivables. We verified whether the methodology used in impairment model and parameters of the assumptions reflected actual outcome appropriately. We assessed the consistency of the impairment occurrence rate and recovery rate, etc. used in estimating expected future cash flows and evaluating values of collateral. Finally, we performed sampling on discounts, loans and receivables cases to verify whether the allowance thereof complies with the law and related regulations issued by the authorities.

## Other Matter

We have also audited the parent company only financial statements of the Bank as of and for the six months ended June 30, 2017 and 2016 on which we have issued an unqualified opinion thereon, respectively.

## Responsibilities of Management and Those Charged with Governance for the Consolidated Financial Statements

Management is responsible for the preparation and fair presentation of the consolidated financial statements in accordance with Regulations Governing the Preparation of Financial Reports by Public Banks, and International Accounting Standard 34 "Interim Financial Reporting" endorsed and issued into effect by the Financial Supervisory Commission of the Republic of China, and for such internal control as management determines is necessary to enable the preparation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the consolidated financial statements, management is responsible for assessing the ability of the Bank and subsidiaries to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Bank and subsidiaries or to cease operations, or has no realistic alternative but to do so.

Those charged with governance, including the audit committee, are responsible for overseeing the financial reporting process of the Bank and subsidiaries.

## Auditors' Responsibilities for the Audit of the Consolidated Financial Statements

Our objectives are to obtain reasonable assurance about whether the consolidated financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with the auditing standards generally accepted in the Republic of China will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As part of an audit in accordance with the Regulations Governing Auditing and Attestation of Financial Statements of Financial Institutions by Certified Public Accountants and auditing standards generally accepted in the Republic of China, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

1. Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
2. Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the internal control of the Bank and subsidiaries.
3. Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
4. Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the ability of the Bank and subsidiaries to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditors' report to the related disclosures in the consolidated financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditors' report. However, future events or conditions may cause the Bank and subsidiaries to cease to continue as a going concern.
5. Evaluate the overall presentation, structure and content of the consolidated financial statements, including the disclosures, and whether the consolidated financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
6. Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the Bank and subsidiaries to express an opinion on the consolidated financial statements. We are responsible for the direction, supervision and performance of the Bank and subsidiaries audit. We remain solely responsible for our audit opinion.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the consolidated financial statements for the six months ended June 30, 2017 and are therefore the key audit matters. We describe these matters in our auditors' report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

The engagement partners on the audit resulting in this independent auditors' report are Mei-Hui Wu and Cheng-Hung Kuo.

Deloitte \& Touche
Taipei, Taiwan
Republic of China

August 24, 2017

## 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 audit such consolidated financial statements are those generally accepted and applied in the Republic of China.

For the convenience of readers, the independent auditors' 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' report and consolidated financial statements shall prevail.

## KGI BANK AND SUBSIDIARIES

CONSOLIDATED BALANCE SHEETS
(In Thousands of New Taiwan Dollars)

## ASSETS

CASH AND CASH EQUIVALENTS (Notes 6 and 38)
DUE FROM THE CENTRAL BANK AND CALL LOANS TO BANKS (Notes 7 and 39)
FINANCIAL ASSETS AT FAIR VALUE THROUGH PROFIT OR LOSS (Notes 8, 38 and 39)

SECURITIES PURCHASED UNDER RESELL AGREEMENTS (Note 9)
RECEIVABLES, NET (Notes 10, 38 and 39)
CURRENT TAX ASSETS (Notes 36 and 38)
ASSETS HELD FOR SALE, NET (Note 15)
DISCOUNTS AND LOANS, NET (Notes 11 and 38)
AVAILABLE-FOR-SALE FINANCIAL ASSETS (Notes 12 and 39)
INVESTMENTS ACCOUNTED FOR USING EQUITY METHOD, NET (Note 13)
OTHER FINANCIAL ASSETS, NET (Notes 14 and 39)
PROPERTY AND EQUIPMENT, NET (Notes 15 and 39)
INVESTMENT PROPERTY, NET (Notes 16 and 39)
INTANGIBLE ASSETS, NET
DEFERRED TAX ASSETS (Note 36)
OTHER ASSETS, NET (Notes 17, 38 and 39)
TOTAL

## LIABILITIES AND EQUITY

LIABILITIES
Deposits from the Central Bank and banks (Notes 18 and 38)
Financial liabilities at fair value through profit or loss (Notes 8 and 38)
Notes and bonds issued under repurchase agreements (Notes 8, 12 and 19)
Payables (Notes 20 and 38)
Current tax liabilities (Notes 36 and 38)
Deposits and remittances (Notes 21 and 38)
Bank debentures payable (Note 22)
Principal received on structured notes
Commercial paper payable, net (Note 23)
Other borrowings (Note 24)
Other financial liabilities
Provisions (Note 25)
Deferred tax liabilities (Note 36)
Other liabilities (Note 27)
Total liabilities
EQUITY (Note 28)
Equity attributable to owners of parent
Capital

## Common stock

Capital surplus
Additional paid-in capital
Other capital surplus
Total capital surplus
Retained earnings
Legal reserve
Special reserve
Unappropriated earnings
Total retained earnings
Other equity
Exchange differences on translation of foreign financial statements
Unrealized gains (losses) on available-for-sale financial assets
Total other equity
Total equity of parent company
Non-controlling interests
Total equity
TOTAL

| $\$ 28,356,201$ |
| ---: |
| $42,044,882$ |
| $66,742,065$ |
| $9,701,020$ |
| 352,595 |
| $352,821,254$ |
| $3,719,875$ |
| $22,138,708$ |
| $1,879,077$ |
| $3,047,253$ |
| 1,490 |
| 236,922 |
| 175,38 |
| $3,343,674$ |

534,560,400
$46,061,623$

| $7,245,710$ |
| ---: |
| 4,304 |
| $7,250,014$ |


| 3,23 |
| ---: |
| $(285,424)$ |
| $59,686,268$ |
| 198,3 |
| $59,884,590$ |

$\$ 594,444,99$
\$ 30,917,37 39,408,142 39,408,142 4,189,647 379,732 343,447,506 2,684,236
21,875,414 2,557,309 - 877 236,659
78,585 2,146,125

| 5 |
| ---: |
| 7 |
| 11 |
| 1 |
| - |
| 60 |
| 1 |
| 4 |
| - |
| 1 |
| - |
| - |
| - |
| - |
| 90 |


| $\$ 19,122,498$ | 4 |
| ---: | ---: |
| $31,365,808$ | 6 |
| $49,128,784$ | 9 |
| $5,275,963$ | 1 |
| 290,433 | - |
| $326,213,961$ | 63 |
| $2,648,007$ | - |
| $17,621,073$ | 3 |
| $2,744,211$ | 1 |
| $2,841,630$ | 1 |
| 2,776 | - |
| 369,042 | - |
| 59,369 | - |
| $2,766,796$ | - |
| $460,450,351$ | -89 |

89

| $2,573,818$ |
| ---: |
| 409,670 |
| $2,024,409$ |
| $5,007,897$ |


| 45,990 |  |
| ---: | ---: |
| 34,190 | - |
| 80,180 | - |
| $58,398,053$ |  |
| 207,956 | - |
| $58,606,009$ | -11 |
| $\$ 519,056,360$ | $\underline{100}$ |

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

## KGI BANK AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
(In Thousands of New Taiwan Dollars, Except Earnings Per Share)


## KGI BANK AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
(In Thousands of New Taiwan Dollars, Except Earnings Per Share)


## KGI BANK AND SUBSIDIARIES

CONSOLDATED STATEMENTS OF CHANGES IN EQUIT
(In Thousands of New Taiwan Dollars)

|  | Equity Attributable to Owners of Parent |  |  |  |  |  |  |  |  | Non-controllingInterests |  | Total Equity |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Common Stock | Capital Surplus | Retained Earnings |  |  | Other Equity |  |  | Total |  |  |  |
|  |  |  |  |  |  | ExchangeDifferences onTranslation ofForeign FinancialStatements |  | Unrealized Gain (Losses) on Available-for-sale Financial Asset |  |  |  |  |
|  |  |  | Legal Reserve | Special Reserve | $\begin{gathered} \text { Unappropriated } \\ \text { Earnings } \end{gathered}$ | Foreign Financial Statements |  | Available-for-sale Financial Assets |  |  |  |  |
| balance at january 1, 2016 | \$46,061,623 | \$ 7,247,278 | \$ 1,626,036 | \$ | \$ 3,159,273 | \$ | 168,161 | \$ (577,831) | \$ 57,684,540 | \$ | 213,865 | \$57,898,405 |
| Appropriation of earnings |  |  |  |  |  |  |  |  |  |  |  |  |
| Legal reserve | - | - | 947,782 |  | (947,782) |  | - | - | - |  |  |  |
| Special reserve | - |  |  | 409,670 | $(409,670)$ |  |  |  |  |  |  |  |
| Cash dividends - common stocks | - | - |  |  | (1,801,821) |  | - | - | (1,801,821) |  |  | (1,801,821) |
| Change in equity of associate accounted for using equity method | - | 35 |  |  | - |  | - | - | 35 |  | - | 35 |
| Net income for the six months ended June 30, 2016 | - | - | - |  | 2,024,409 |  | - | - | 2,024,409 |  | 12,261 | 2,036,670 |
| Other comprehensive income (loss) for the six months ended June 30, 2016, net of income tax | - | - - | - | - | $\underline{\square}$ |  | (122,171) | 612,021 | 489,850 |  | 302 | 490,152 |
| Total comprehensive income (loss) for the six months ended June 30, 2016 | - | - - |  | - | 2.024,409 |  | (122,171) | 612,021 | 2,514,259 |  | 12,563 | 2,526,822 |
| Share-baseed payments |  | 1,040 |  |  | - |  | - | - | 1,040 |  | - | 1,040 |
| Changes in non-controlling interest |  |  |  |  |  |  |  |  |  |  | (18.472) | (18,472) |
| balance at june 30,2016 | \$46,061.623 | \$ 7.248 .353 | \$ 2.573 .818 | \$ 409.670 | \$ 2.024,409 |  | 45,990 | \$ 34,190 | \$58.398.053 |  | 207.956 | \$58.606,009 |
| balance at january 1, 2017 | \$46,061,623 | \$ 7,249,280 | \$ 2,573,818 | 409,670 | \$ 3,735,739 | \$ | 29,311 | \$ (1,334,152) | \$ 58,725,289 | \$ | 195,287 | \$58,920,576 |
| Appropriation of earnings |  |  |  |  |  |  |  |  |  |  |  |  |
| Legal reserve | - | - | 1,120,722 |  | (1,120,722) |  | - | - | - |  |  | - |
| Special reserve Cash dividends - common stocks | - |  |  | 913,849 | (1913,849) |  |  |  |  |  |  |  |
| Cash dividends - common stocks | - | - | - |  | (1,701,168) |  | - |  | (1,701,168) |  |  | (1,701,168) |
| Change in equity of associate accounted for using equity method | - | (18) | - | - | - |  | - | - | (18) |  | - | (18) |
| Net income for the six months ended June 30, 2017 | - | - |  |  | 1,638,765 |  | - |  | 1,638,765 |  | 4,611 | 1,643,376 |
| Other comprehensive income(loss) for the six months ended June 30, 2017, net of income tax | - | - |  |  | - |  | (26,080) | 1,048,728 | 1,022,648 |  | - | 1,022,648 |
| Total comprehensive income (loss) for the six months ended June 30, 2017 | - |  | - | $\underline{\square}$ | 1,638,765 |  | (26,080) | 1,048,728 | 2,661,413 |  | 4.611 | 2.666,024 |
| Share-baseed payments |  | 752 |  |  |  |  |  | - | 752 |  |  | 752 |
| Changes in non-controlling interest |  |  |  |  |  |  | - |  | - |  | (1,576) | (1,576) |
| balance at june 30, 2017 | \$46,061,623 | \$ 7.250.014 | \$ 3.694 .540 | \$ 1.323.519 | \$ 1.638.765 | \$ | 3.231 | \$ (285.424) | \$59,686,268 |  | 198.322 | \$59,884,590 |

## KGI BANK AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CASH FLOWS
(In Thousands of New Taiwan Dollars)

|  | For the Six Months Ended June 30 |  |
| :---: | :---: | :---: |
|  | 2017 | 2016 |
| CASH FLOWS FROM OPERATING ACTIVITIES |  |  |
| Income before income tax | \$ 2,100,546 | \$ 2,167,254 |
| Adjustments for: |  |  |
| Depreciation expenses | 123,172 | 101,752 |
| Amortization expenses | 47,484 | 45,931 |
| Allowance for bad debts expense and guarantee liability provision | 344,644 | 22,944 |
| Interest expense | 1,876,178 | 1,717,711 |
| Interest income | $(4,906,404)$ | $(4,489,146)$ |
| Dividend income | $(55,517)$ | $(81,922)$ |
| Share of profits of associates accounted for using equity method | $(16,041)$ | $(4,189)$ |
| Others | 3,277 | 1,281 |
| Changes in operating assets and liabilities |  |  |
| Decrease (increase) in due from the Central Bank and call loans to banks | 12,500,948 | $(16,007,046)$ |
| Decrease (increase) in financial assets at fair value through profit or loss | 29,692,047 | $(4,641,996)$ |
| Decrease in receivables | 1,493,077 | 10,661,011 |
| Increase in discounts and loans | $(24,412,550)$ | $(15,392,490)$ |
| Increase in available-for-sale financial assets | $(54,765,253)$ | $(3,929,325)$ |
| Increase in other financial assets | $(403,316)$ | $(2,816,254)$ |
| Decrease in other assets | 2,470,061 | 563,620 |
| (Decrease) increase in deposits from the Central Bank and banks | $(2,561,173)$ | 9,561,023 |
| Increase in financial liabilities at fair value through profit or loss | 2,636,740 | 5,181,153 |
| Increase (decrease) in notes and bonds issued under repurchase agreements | 4,603,751 | $(11,881,246)$ |
| Increase in payables | 5,010,732 | 925,935 |
| Increase (decrease) in deposits and remittances | 9,373,748 | $(27,956,884)$ |
| Increase (decrease) in other financial liabilities | 263,907 | $(4,681,768)$ |
| Increase in other liabilities | 2,009,970 | 1,256,979 |
| Cash outflow generated from operations | $(12,569,972)$ | $(59,675,672)$ |
| Interest received | 4,716,883 | 4,419,299 |
| Dividend received | 52,067 | 99,260 |
| Interest paid | $(1,383,683)$ | $(1,653,752)$ |
| Income taxes paid | $(160,211)$ | $(169,319)$ |
| Net cash flows used in operating activities | $(9,344,916)$ | $(56,980,184)$ |
| CASH FLOWS FROM INVESTING ACTIVITIES |  |  |
| Acquisition of property and equipments | $(188,636)$ | $(101,125)$ |
| Proceeds from disposal of property and equipments | 5,965 | 14,518 |
| Acquisition of intangible assets | $(48,458)$ | $(67,813)$ |
| Net cash flows used in investing activities | $(231,129)$ | $(154,420)$ |
|  |  | (Continued) |

## KGI BANK AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CASH FLOWS
(In Thousands of New Taiwan Dollars)

|  | For the Six Months Ended June 30 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2017 |  | 2016 |  |
| CASH FLOWS FROM FINANCING ACTIVITIES |  |  |  |  |
| Decrease in short-term borrowings | \$ | $(353,776)$ | \$ | $(436,658)$ |
| (Decrease) increase in commercial paper payable |  | $(678,232)$ |  | 636,429 |
| Proceeds from long-term borrowings |  | 238,926 |  | - |
| Repayments of long-term borrowings |  |  |  | $(593,921)$ |
| Cash dividends paid |  | $(1,701,168)$ |  | $(1,801,821)$ |
| Net cash flows used in financing activities |  | (2,494,250) |  | $(2,195,971)$ |
| EFFECTS OF EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENTS |  | $(11,683)$ |  | $(20,317)$ |
| NET DECREASE IN CASH AND CASH EQUIVALENTS |  | (12,081,978) |  | $(59,350,892)$ |
| CASH AND CASH EQUIVALENTS AT THE BEGINNING OF THE PERIOD |  | 42,658,453 |  | 110,638,094 |
| CASH AND CASH EQUIVALENTS AT THE END OF THE PERIOD |  | 30,576,475 |  | 51,287,202 |

Reconciliation of the amounts in the consolidated statements of cash flows with the equivalent items reported in the consolidated balance sheets as of June 30, 2017 and 2016:

Cash and cash equivalents in consolidated balance sheets
Due from the Central Bank and call loans to banks qualifying as cash and cash equivalents under the definition of IAS 7
Securities purchased under agreements to resell qualifying as cash and cash equivalents under the definition of IAS 7
Cash and cash equivalents in consolidated statements of cash flows

| June 30 |  |  |
| :---: | :---: | :---: |
| $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ |  |
| $\$ 10,271,056$ | $\$$ | $4,741,802$ |
| $19,397,323$ |  | $38,529,006$ |
|  |  |  |
| 908,096 |  |  |
| $30,576,475$ |  | $\$ 5,016,394$ |

## KGI BANK AND SUBSIDIARIES

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS <br> FOR THE SIX MONTHS ENDED JUNE 30, 2017 AND 2016 <br> (In Thousands of New Taiwan Dollars, Unless Stated Otherwise)

## 1. GENERAL INFORMATION

KGI Bank (the Bank) engages in banking operations regulated by the Banking Act of the Republic of China (the Banking Act).

As of June 30, 2017, the Bank had a main office, an international banking department, a trust department, an insurance department, various major departments, an offshore banking unit (OBU), and 52 domestic branches.

On April 8, 2014, the Bank's extraordinary shareholders' meeting resolved to the exchange of 0.2 share of China Development Financial Holding Corporation (CDFH) and NT\$13.4 for one share of the Bank. On August 11, 2014, the Bank's board of directors approved September 15, 2014 as the date of the share swap after this transaction was approved by the Financial Supervisory Commission (FSC). Upon completion of the share swap, the Bank became CDFH's wholly owned subsidiary and the trading of the Bank's shares on the Taiwan Stock Exchange was terminated.

On October 9, 2014, under the approval of the board of directors, who had been authorized to exercise the functions of the shareholders' meeting, Cosmos Bank's Articles of Incorporation were amended and the bank's name became KGI Bank. The FSC approved the name change on November 10, 2014, and the Ministry of Economic Affairs approved the Bank's revised articles and change of registration on November 25, 2014.

On March 2, 2015 and April 13, 2015, the Bank's board of directors again exercised the functions of the shareholders' meeting and approved the transfer to the Bank from CDIB Capital Group (formerly China Development Industrial Bank) of (a) the assets and liabilities associated with the commercial banking business of CDIB Capital Group and (b) CDIB Capital Group's holdings of shares in leasing subsidiaries and in the Taiwan Financial Asset Service Corporation in accordance with Article 185 of the Company Act and Article 27 of the Business Mergers and Acquisitions Act. On April 16, 2015, the transaction was approved by the FSC, and the chairman was authorized by the board of directors to approve the date of transfer of business on May 1, 2015.

The Bank's board of director approved application for operating insurance broker business according to Regulations Governing Insurance Brokers and conducted the short-form merger with the subsidiary Cosmos Insurance Brokers Co., Ltd. according to Business Mergers and Acquisitions Act. The Bank was the survivor company after the merger. The application and the merger were approved by the FSC on May 12, 2016. For cooperating to operate insurance broker business, the Bank's board of director approved June 30, 2016 as the date of the merger.

## 2. APPROVAL OF FINANCIAL STATEMENTS

The consolidated financial statements were reported to the board of directors and authorized for issue on August 24, 2017.

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

a. The international Financial Reporting Standards (IFRS), International Accounting Standards (IAS), Interpretations of IFRS (IFRIC), and Interpretations of IAS (SIC) (collectively, the IFRSs) endorsed by the FSC for application and amendments to the Regulations Governing the Preparation of Financial Reports by Public Banks

The related amendments to the IFRSs endorsed by the FSC and the Regulations Governing the Preparation of Financial Reports by Public Banks would not have any material impact on the Bank and subsidiaries' accounting policies, except for the following:

1) Annual Improvements to IFRSs: 2010-2012 Cycle

The amended IFRS 8 "Operating Segments" requires the Bank and subsidiaries to disclose the judgments made by management in applying the aggregation criteria to operating segments, including a description of the operating segments aggregated and the economic indicators assessed in determining whether the operating segments have "similar economic characteristics". The amendment also clarifies that a reconciliation of the total of the reportable segments' assets to the Bank and subsidiaries' assets should only be provided if the segments' assets are regularly provided to the chief operating decision-maker. Please refer to Note 48.
2) Annual Improvements to IFRSs: 2011-2013 Cycle

IAS 40 "Investment Property" was amended to clarify that IAS 40 and IFRS 3 are not mutually exclusive and application of both standards may be required to determine whether the investment property acquired is acquisition of an asset or a business combination. The amendment will be applied prospectively to acquisitions of investment property on or after January 1, 2017.
3) Amendments to the Regulations Governing the Preparation of Financial Reports by Public Banks

The amendments include additions of several accounting items and requirements for disclosures of impairment of non-financial assets as a consequence of the IFRSs endorsed by the FSC for application starting from 2017. In addition, as a result of the post implementation review of IFRSs in Taiwan, the amendments include emphasis on certain recognition and measurement considerations as well as requirements for disclosures of related party transactions.

The amendments stipulate that other companies or institutions of which the chairman of the board of directors or president serves as the chairman of the board of directors or the president, or is the spouse or second immediate family of the chairman of the board of directors or president of the Bank are deemed to have a substantive related party relationship, unless it can be demonstrated that no control, joint control, or significant influence exists.

The amendments also require additional disclosure if there is a significant difference between the actual operation after business combination and the expected benefit on acquisition date.

The disclosures of related party transactions will be enhanced when the above amendments are retrospectively applied in 2017. Please refer to Note 38.
b. New IFRSs endorsed by the FSC for application starting from 2018 and the amendments to the Regulations Governing the Preparation of Financial Reports by Public Banks.

## New IFRSs

Annual Improvements to IFRSs 2014-2016 Cycle
Amendment to IFRS 2 "Classification and Measurement of Share-based Payment Transactions"
IFRS 9 "Financial Instruments"
Amendments to IFRS 9 and IFRS 7 "Mandatory Effective Date of IFRS 9 and Transition Disclosures"
IFRS 15 "Revenue from Contracts with Customers"
Amendment to IFRS 15 "Clarification to IFRS 15"
Amendment to IAS 7 "Disclosure Initiative"
Amendments to IAS 12 "Recognition of Deferred Tax Assets for Unrealized Losses"
Amendments to IAS 40 "Transfers of investment property"
IFRIC 22 "Foreign Currency Transactions and Advance Consideration"

## Effective Date <br> Announced by IASB (Note 1)

## Note 2

January 1, 2018
January 1, 2018
January 1, 2018
January 1, 2018
January 1, 2018
January 1, 2017
January 1, 2017

January 1, 2018
January 1, 2018

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

Note 2: The amendment to IFRS 12 is retrospectively applied for annual periods beginning on or after January 1, 2017; the amendment to IAS 28 is retrospectively applied for annual periods beginning on or after January 1, 2018.

1) Annual Improvements to IFRSs: 2014-2016 Cycle

Several standards, including IFRS 12 "Disclosure of Interests in Other Entities" and IAS 28 "Investments in Associates and Joint Ventures," were amended in this annual improvement.

The amendment to IFRS 12 clarified that when the Bank's interest in a subsidiary, a joint venture or an associate is classified as held for sale or is included in a disposal group that is classified as held for sale, the entity is not required to disclose summarized financial information of that subsidiary, joint venture or associate in accordance with IFRS 12. However, all other requirements in IFRS 12 apply to interests in entities classified as held for sale in accordance with IFRS 5. The Bank and subsidiaries shall apply the aforementioned amendments retrospectively.

The amendment to IAS 28 clarified that when an investment in an associate or a joint venture is held by, or is held indirectly through, an entity that is a venture capital organization, or a mutual fund, or a unit trust or similar entities (including investment-linked insurance funds), the Bank and subsidiaries may elect to measure that investment at fair value through profit or loss. The Bank and subsidiaries shall make this election separately for each associate or joint venture at the initial recognition of the associate or joint venture. The Bank and subsidiaries shall apply the aforementioned amendments retrospectively.
$\underline{\text { Recognition, measurement and impairment of financial assets }}$
With regards to financial assets, all recognized financial assets that are within the scope of IAS 39 "Financial Instruments: Recognition and Measurement" are subsequently measured at amortized cost or fair value. Under IFRS 9, the requirement for the classification of financial assets is stated below.

For the Bank and subsidiaries' debt instruments that have contractual cash flows that are solely payments of principal and interest on the principal amount outstanding, their classification and measurement are as follows:
a) For debt instruments, if they are held within a business model whose objective is to collect the contractual cash flows, the financial assets are measured at amortized cost and are assessed for impairment continuously with impairment loss recognized in profit or loss, if any. Interest revenue is recognized in profit or loss by using the effective interest method;
b) For debt instruments, if they are held within a business model whose objective is achieved by both collecting contractual cash flows and selling financial assets, the financial assets are measured at fair value through other comprehensive income (FVTOCI) and are assessed for impairment. Interest revenue is recognized in profit or loss by using the effective interest method, and other gain or loss shall be recognized in other comprehensive income, except for impairment gains or losses and foreign exchange gains and losses. When the debt instruments are derecognized or reclassified the cumulative gain or loss previously recognized in other comprehensive income is reclassified from equity to profit or loss.

Except for above, all other financial assets are measured at fair value through profit or loss. However, the Bank and subsidiaries may make an irrevocable election to present subsequent changes in the fair value of an equity investment (that is not held for trading) in other comprehensive income, with only dividend income generally recognized in profit or loss. No subsequent impairment assessment is required, and the cumulative gain or loss previously recognized in other comprehensive income cannot be reclassified from equity to profit or loss.

IFRS 9 requires that impairment loss on financial assets is recognized by using the "Expected Credit Losses Model". The credit loss allowance is required for financial assets measured at amortized cost, financial assets mandatorily measured at FVTOCI, lease receivables, contract assets arising from IFRS 15 "Revenue from Contracts with Customers", certain written loan commitments and financial guarantee contracts. A loss allowance for the 12 -month expected credit losses is required for a financial asset if its credit risk has not increased significantly since initial recognition. A loss allowance for full lifetime expected credit losses is required for a financial asset if its credit risk has increased significantly since initial recognition and is not low. However, a loss allowance for full lifetime expected credit losses is required for trade receivables that do not constitute a financing transaction.

## Transition

IFRS 9, when effective, cannot be applied retrospectively to financial instruments derecognized prior to its effective date. Under IFRS 9, the requirements for classification, measurement and impairment of financial assets are applied retrospectively with the difference between the previous carrying amount and the carrying amount on the date of initial application recognized in the current period and restatement of prior periods is not required. The requirements for general hedge accounting shall be applied prospectively and the accounting for hedging options shall be applied retrospectively.
3) IFRS 15 "Revenue from Contracts with Customers"

IFRS 15 establishes principles for recognizing revenue that apply to all contracts with customers, and will supersedes IAS 18 "Revenue", IAS 11 "Construction Contracts" and a number of revenue-related interpretations.
When applying IFRS 15, the Bank and subsidiaries shall recognize revenue by applying the following steps:
a) Identify the contract with the customer;
b) Identify the performance obligations in the contract;
c) Determine the transaction price;
d) Allocate the transaction price to the performance obligations in the contracts; and
e) Recognize revenue when the entity satisfies a performance obligation.

When IFRS 15 and related amendment are effective, an entity may elect to apply this Standard either retrospectively to each prior reporting period presented or retrospectively with the cumulative effect of initially applying this Standard recognized at the date of initial application.
4) Amendments to IAS 12 "Recognition of Deferred Tax Assets for Unrealized Losses"

The amendment clarifies that the difference between the carrying amount of the debt instrument measured at fair value and its tax base gives rise to a temporary difference, even though there are unrealized losses on that asset, irrespective of whether the Bank and subsidiaries expect to recover the carrying amount of the debt instrument by sale or by holding it and collecting contractual cash flows.

In addition, in determining whether to recognize a deferred tax asset, the Bank and subsidiaries should assess a deductible temporary difference in combination with all of its other deductible temporary differences, unless the tax law restricts the utilization of losses to deduction against income of a specific type, in which case, a deductible temporary difference is assessed in combination only with other deductible temporary differences of the appropriate type. The amendment also stipulates that, when determining whether to recognize a deferred tax asset, the estimate of probable future taxable profit may include some of the Bank and subsidiaries' assets for more than their carrying amount if there is sufficient evidence that the Bank and subsidiaries will achieve this, and that the estimate for future taxable profit should exclude tax deductions resulting from the reversal of deductible temporary differences.

In assessing deferred tax asset, the Bank and subsidiaries currently assumes it will recover the asset at its carrying amount to estimate probable future taxable profit; the amendment will be applied retrospectively in 2018.
5) Amendments to IAS 40 "Transfers of Investment Property"

The amendments clarify that the Bank and subsidiaries should transfer to, or from, investment property when, and only when, the property meets, or ceases to meet, the definition of investment property and there is evidence of the change in use. In isolation, a change in management's intentions for the use of a property does not provide evidence of a change in use. The amendments also clarify that the evidence of the change in use is not limited to those illustrated in IAS 40.
6) IFRIC 22 "Foreign Currency Transactions and Advance Consideration"

IAS 21 stipulate that a foreign currency transaction shall be recorded on initial recognition in the functional currency by applying to the foreign currency amount the spot exchange rate between the functional currency and the foreign currency on the date of the transaction. IFRIC 22 further explains that the date of the transaction is the date on which an entity recognizes a non-monetary asset or non-monetary liability from payment or receipt of advance consideration. If there are
multiple payments or receipts in advance, the entity shall determine the date of the transaction for each payment or receipt of advance consideration.

The Bank will apply prospectively IFRIC 22 on January 1, 2018.
Except for the above impact, as of the date the consolidated financial statements were authorized for issue, the Bank and subsidiaries is continuously assessing the possible impact that the application of other standards and interpretations will have on the Bank and subsidiaries' financial position and financial performance, and will disclose the relevant impact when the assessment is completed.
c. New IFRSs in issue but not yet endorsed by the FSC

| New IFRSs |
| :--- |
| Amendments to IFRS 10 and IAS 28 "Sale or Contribution of Assets |
| between an Investor and its Associate or Joint Venture" |
| IFRS 16 "Leases" |
| IFRIC 23 "Uncertainty Over Income Tax Treatments" |

## Effective Date Announced by IASB (Note)

To be determined by IASB
January 1, 2019
January 1, 2019
Note: Unless stated otherwise, the above New IFRSs are effective for annual periods beginning on or after their respective effective dates.

1) Amendments to IFRS 10 and IAS 28 "Sale or Contribution of Assets between an Investor and its Associate or Joint Venture"

The amendments stipulated that, when the Bank and subsidiaries sells or contributes assets that constitute a business (as defined in IFRS 3) to an associate (or a joint venture), the gain or loss resulting from the transaction is recognized in full. Also, when the Bank and subsidiaries loses control of a subsidiary that contains a business but retains significant influence or joint control, the gain or loss resulting from the transaction is recognized in full.

Conversely, when the Bank and subsidiaries sells or contributes assets that do not constitute a business to an associate (or a joint venture), the gain or loss resulting from the transaction is recognized only to the extent of the unrelated investors' interest in the associate (or joint venture), i.e. the Bank and subsidiaries' share of the gain or loss is eliminated. Also, when the Bank and subsidiaries loses control of a subsidiary that does not contain a business but retains significant influence or joint control in an associate or a joint venture, the gain or loss resulting from the transaction is recognized only to the extent of the unrelated investors' interest in the associate (or joint venture), i.e. the Bank and subsidiaries' share of the gain or loss is eliminated.
2) IFRS 16 "Leases"

IFRS 16 sets out the accounting standards for leases that will supersede IAS 17 and a number of related interpretations.

Under IFRS 16, if the Bank and subsidiaries is a lessee, it shall recognize right-of-use assets and lease liabilities for all leases on the consolidated balance sheets except for low-value and short-term leases. The Bank and subsidiaries may elect to apply the accounting method similar to the accounting for operating lease under IAS 17 to the low-value and short-term leases. On the consolidated statements of comprehensive income, the Bank and subsidiaries should present the depreciation expense charged on the right-of-use asset separately from interest expense accrued on the lease liability; interest is computed by using effective interest method. On the consolidated statements of cash flows, cash payments for the principal portion of the lease liability are classified within financing activities; cash payments for interest portion are classified within operating activities.

The application of IFRS 16 is not expected to have a material impact on the accounting of the Bank and subsidiaries as lessor.

When IFRS 16 becomes effective, the Bank and subsidiaries may elect to apply this Standard either retrospectively to each prior reporting period presented or retrospectively with the cumulative effect of the initial application of this Standard recognized at the date of initial application.
3) IFRIC 23 "Uncertainty over Income Tax Treatments"

IFRIC 23 clarifies that when there is uncertainty over income tax treatments, the Bank and subsidiaries should assume that the taxation authority will have full knowledge of all related information when making related examinations. If the Bank and subsidiaries conclude that it is probable that the taxation authority will accept their tax treatment, the Bank and subsidiaries should determine the taxable profit, tax bases, unused tax losses, unused tax credits or tax rates consistently with the tax treatments used in their income tax filings. If it is not probable that the taxation authority will accept their tax treatment, the Bank and subsidiaries should make estimates using either the most likely amount or the expected value of the tax treatment, depending on which method the entity expects to better predict the resolution of the uncertainty. The Bank and subsidiaries have to reassess their judgments and estimates if facts and circumstances change.

The Bank and subsidiaries may elect to apply IFRIC 23 either retrospectively to each prior reporting period presented, if this is possible without the use of hindsight, or retrospectively with the cumulative effect of IFRIC 23 recognized at the date of initial application.

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

## 4. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The accounting policies of these consolidated financial statements please refer to the consolidated financial statements for the year ended December 31, 2016, except for those described below.

## Statement of Compliance

The consolidated financial statements have been prepared in accordance with the Regulations Governing the Preparation of Financial Reports by Public Banks, and IAS 34 "Interim Financial Reporting" as endorsed by the FSC. Disclosure information included in the accompanying interim financial report is less than that required for a full set of annual financial reports.

## Basis of Preparation

The consolidated financial statements have been prepared on the historical cost basis except for financial instruments that are measured at fair values. Historical cost is generally based on the fair value of the consideration given in exchange for assets.

The operating cycle in the banking industry cannot be reasonably identified; thus, asset and liability accounts were not classified as current or noncurrent. Nevertheless, these accounts were properly categorized in accordance with the nature of each account and sequenced according to their liquidity. Please refer to Note 42 for the maturity analysis of assets and liabilities.

## Principles for Preparing Consolidated Financial Statements

The consolidated financial report includes the financial reports of the Bank and subsidiaries. All significant intra-group transactions, balances, income and expenses have been eliminated in full upon consolidation.

The consolidated entities were as follows:

| Investor | Subsidiary | Business <br> Features | Holding Percentage (\%) |  |  |
| :--- | :--- | :--- | :---: | :---: | :---: |
|  |  |  | December 31, <br> $\mathbf{2 0 1 6}$ | June 30, <br> $\mathbf{2 0 1 6}$ |  |
| The Bank | CDIB Management <br> Consulting Corporation | Management and <br> consulting | 100.00 | 100.00 | 100.00 |
| CDIB Management <br> Consulting Corporation | CDC Finance \& Leasing <br> Corporation | Leasing | 76.04 | 76.04 | 76.04 |
|  | CDIB International <br> Leasing Corporation | Leasing | 100.00 | 100.00 | 100.00 |

## Financial Instruments

Impairment of financial assets

## Financial assets measured at amortized cost

The Bank and subsidiaries' discounts and loans, accounts receivable, interest receivable, and other receivables are assessed for impairment at each balance sheet date and considered to be impaired when there is objective evidence that, as a result of one or more events that occurred after the initial recognition of the above credit losses, the estimated future cash flows of the asset have been affected. Loans and receivables that are assessed as not impaired individually are further assessed for impairment on a collective basis.

For financial assets measured at amortized cost, the amount of the impairment loss recognized is the difference between the asset's carrying amount and the present value of estimated future cash flows (reflected the effect of collateral), discounted at the financial asset's original effective interest rate.

Based on the Regulations Governing the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing/Non-accrual loans, credit assets classified as normal (this balance should be net of the balance of borrowings by ROC government agencies from the Bank), special mention, substandard, with doubtful collectability and uncollectable or loss incurring are evaluated on the basis of the borrowers'/clients' financial condition and delinquency record on interest payments, and these assets have allowances at $1 \%, 2 \%, 10 \%, 50 \%$ and $100 \%$, respectively, of outstanding credit. The doubtful accounts of credit cards receivables are evaluated on the basis of Regulations Governing Institutions Engaging In Credit Card Business. The minimum allowance for credit assets on or off balance sheet is equal to the book value of the above listed.

Based on the Order No. 10300329440 issued by the FSC, for the Bank to have an enhanced risk coverage toward collateral and exposures in Mainland China, the minimum provision for the loan loss reserve is $1.5 \%$ of the mortgage and construction loans that have been classified as normal assets before 2016. Based on the Order No. 10410001840 issued by the FSC, for the Bank to have an enhanced control of the exposure to the risk in Mainland China, the minimum provision for the credit loss reserve is $1.5 \%$ of the credit include short-term trade finance that were granted to companies based in Mainland China before 2015 and classified as normal assets.

Credit deemed uncollectable may be written off under the approval of the board of directors.

For financial assets measured at amortized cost, if, in a subsequent period, the amount of the impairment loss decreases and the decrease can be related objectively to an event occurring after the impairment was recognized, the previously recognized impairment loss is reversed through profit or loss to the extent that the carrying amount of the investment at the date the impairment is reversed does not exceed what the amortized cost would have been had the impairment not been recognized.

## 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.

## 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.

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

In the application of the Bank and subsidiaries' accounting policies, which are described in Note 4, management is required to make judgments, estimates and assumptions about the carrying amounts of assets and liabilities that are not readily apparent from other sources. The estimates and associated assumptions are based on historical experience and other factors that are considered relevant. Actual results may differ from these estimates.

The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimate is revised if the revision affects only that period or in the period of the revision and future periods if the revision affects both current and future periods.

## Impairment Loss on Loans and Receivables

The management reviews loan and receivable portfolios to assess impairment periodically. To determine whether an impairment loss should be recognized, the management exercises its judgments on whether there is any indication of impairment. For the purpose of impairment assessment, the management determines the expected future cash flows based on historical loss on assets with similar credit risks. The management also reviews periodically the methodology and assumptions adopted for both expected future cash flow and its timing to decrease the difference between estimated and actual amount of impairment.

## 6. CASH AND CASH EQUIVALENTS

|  | June 30, | December 31, | June 30, |
| :--- | ---: | ---: | ---: | ---: | ---: |
|  | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 6}$ |

Cash and cash equivalents as of December 31, 2016 as shown in the consolidated statements of cash flows can be reconciled to the related items in the consolidated balance sheets as follows; please refer to the consolidated statement of cash flows for the reconciliation information as of June 30, 2017 and 2016:

|  | $\begin{gathered} \text { December 31, } \\ 2016 \end{gathered}$ |
| :---: | :---: |
| Cash and cash equivalents in consolidated balance sheets | \$ 6,844,281 |
| Due from the Central Bank and call loans to banks qualifying as cash and cash equivalents under the definition of IAS 7 | 35,018,322 |
| Securities purchased under agreements to resell qualifying as cash and cash equivalents under the definition of IAS 7 | 795,850 |
| Cash and cash equivalents in consolidated statements of cash flows | \$ 42,658,453 |

## 7. DUE FROM THE CENTRAL BANK AND CALL LOANS TO BANKS

|  | $\begin{gathered} \text { June 30, } \\ 2017 \end{gathered}$ |  | $\begin{gathered} \text { December 31, } \\ 2016 \end{gathered}$ |  | $\begin{gathered} \text { June 30, } \\ 2016 \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Due from the Central Bank | \$ | 10,930,000 | \$ | 37,130,000 | \$ | 42,540,000 |
| Call loans to banks |  | 18,004,323 |  | 13,568,474 |  | 19,369,696 |
| Deposit reserve - demand accounts |  | 7,535,800 |  | 8,078,055 |  | 7,173,647 |
| Deposit reserve - checking accounts |  | 6,968,914 |  | 12,358,953 |  | 5,939,157 |
| Due from the Central Bank - interbank settlement funds |  | 183,574 |  | 600,599 |  | 181,661 |
| Deposit reserve - foreign currencies |  | 140,006 |  | 148,483 |  | 148,516 |
|  | \$ | 43,762,617 |  | 71,884,564 | S | 75,352,677 |

Under a directive issued by the Central Bank of the ROC, New Taiwan dollar - denominated deposit reserve are determined monthly at prescribed rates based on average balance of the Bank's deposits. Deposit reserve - demand account should not be used, except for adjusting the deposit reserve account monthly.

In addition, separate foreign-currency deposit reserves are determined at prescribed rates based on balances of foreign-currency deposits. These reserves may be withdrawn anytime at no interest.

For the certificates of deposit issued by the Central Bank of the ROC pledged as collaterals by the Bank, please refer to Note 39.

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

|  | June 30, <br> $\mathbf{2 0 1 7}$ | December 31, <br> $\mathbf{2 0 1 6}$ | June 30, <br> $\mathbf{2 0 1 6}$ |  |
| :--- | :---: | :---: | :---: | :---: |
| Financial assets held for trading |  |  |  |  |
|  |  |  |  |  |
| Derivative instruments |  |  |  |  |
| Currency swap contracts | $8,153,984$ | $\$ 11,634,089$ | $\$$ | $6,834,357$ |
| Interest rate swap contracts | $8,176,825$ | $9,633,684$ | $7,806,763$ |  |
| Option contracts | 851,065 | $2,836,207$ | $2,326,567$ |  |
| Others | $1,295,272$ | $1,330,628$ | 770,226 |  |
|  |  |  | (Continued) |  |


|  | $\begin{gathered} \text { June 30, } \\ 2017 \end{gathered}$ |  | $\begin{gathered} \text { December 31, } \\ 2016 \end{gathered}$ |  | $\begin{gathered} \text { June 30, } \\ 2016 \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Non-derivative financial assets |  |  |  |  |  |  |
| Bank debentures | \$ | 2,300,654 | \$ | 20,819,329 | \$ | 21,347,064 |
| Convertible (exchangeable) corporate bonds |  | 2,973,766 |  | 3,121,853 |  | 2,585,340 |
| Corporate bonds |  | - |  | 1,979,093 |  | 1,998,739 |
| Government bonds |  | - |  | 2,320,164 |  | - |
| Commercial papers |  | 5,157,706 |  | 2,797,870 |  | - |
| Others |  | 148,995 |  | 3,849 |  | 69,786 |
|  |  | 29,058,267 |  | 56,476,766 |  | 43,738,842 |
| Financial assets designated as at FVTPL |  |  |  |  |  |  |
| Government bonds |  | 31,796,188 |  | 39,174,578 |  | 38,272,002 |
| Others |  | 7,293,070 |  | 2,188,228 |  | 1,693,550 |
|  |  | 39,089,258 |  | 41,362,806 |  | 39,965,552 |
| Financial assets at FVTPL | \$ | 68,147,525 | \$ | 97,839,572 | \$ | 83,704,394 |
| Financial liabilities held for trading |  |  |  |  |  |  |
| Derivative instruments |  |  |  |  |  |  |
| Interest rate swap contracts | \$ | 8,540,578 | \$ | 10,427,499 | \$ | 8,229,737 |
| Currency swap contracts |  | 7,878,566 |  | 11,275,914 |  | 6,981,269 |
| Option contracts |  | 7,419,840 |  | 4,539,652 |  | 4,901,225 |
| Others |  | 800,463 |  | 1,273,065 |  | 759,670 |
|  |  | 24,639,447 |  | 27,516,130 |  | 20,871,901 |
| $\underline{\text { Financial liabilities designated as at FVTPL }}$ |  |  |  |  |  |  |
| Bank debentures payable |  | 17,405,435 |  | 11,892,012 |  | 10,493,907 |
| Financial liabilities at FVTPL | \$ 42,044,882 |  | \$ 39,408,142 |  | \$ 31,365,808 |  |
|  |  |  |  | (Concluded) |

As of June 30, 2017, December 31, 2016 and June 30, 2016, bank debentures issued by the Bank and designated as at FVTPL were as follows:

| Name |  | June 30, 2017 | $\begin{gathered} \text { December 31, } \\ 2016 \end{gathered}$ |  | June 30, 2016 |  | Issuance Period | Method of Paying Principal and Interests | Interest Rate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15KGIB 1 | \$ | 3,226,216 | \$ | 3,421,574 | \$ | 3,422,316 | 2015.03.24-2045.03.24 <br> (Note 1) | Principal due on maturity | 0\% |
| P16KGIB 1 |  | 3,347,960 |  | 3,550,690 |  | 3,551,460 | $\begin{gathered} \text { 2016.05.03-2046.05.03 } \\ \text { (Note 2) } \end{gathered}$ | Principal due on maturity | 0\% |
| P16KGIB 2 |  | 3,347,960 |  | 3,550,690 |  | 3,551,460 | $\begin{aligned} & \text { 2016.05.27-2046.05.27 } \\ & \text { (Note 2) } \end{aligned}$ | Principal due on maturity | 0\% |
| P16KGIB 3 |  | 2,434,880 |  | 2,582,320 |  | - | 2016.11.08-2046.11.08 <br> (Note 1) | Principal due on maturity | 0\% |
| P17KGIB1 |  | 6,087,200 |  | ${ }^{-}$ |  | ${ }^{-}$ | $\begin{aligned} & \text { 2017.01.23-2047.01.23 } \\ & \text { (Note 1) } \end{aligned}$ | Principal due on maturity | 0\% |
| Valuation |  | $\begin{aligned} & \hline 18,444,216 \\ & (1,038,781) \end{aligned}$ |  | $\begin{aligned} & 13,105,274 \\ & (1,213,262) \end{aligned}$ |  | $\begin{array}{r} 10,525,236 \\ (31,329) \end{array}$ |  |  |  |
|  |  | 17,405,435 |  | 11,892,012 |  | 10,493,907 |  |  |  |

Note 1: Based on $100 \%$ of the carrying value of each bond principal plus the interest; the Bank may redeem all the debentures after two years from the issue date.

Note 2: Based on $100 \%$ of the carrying value of each bond principal plus the interest; the Bank may redeem all the debentures after one year from the issue date.

The contract (nominal) amounts of the Bank and subsidiaries' outstanding derivative financial instruments as of June 30, 2017, December 31, 2016 and June 30, 2016 are summarized as follows:

Currency swap contracts
Interest rate swap contracts
Option contracts
Forward exchange contracts
Cross-currency swap contracts
Asset swap contracts
Non-deliverable forward contracts
Commodity swap contracts
Futures contracts

Contract Amount

| June 30, <br> $\mathbf{2 0 1 7}$ | December 31, <br> $\mathbf{2 0 1 6}$ | June 30, <br> $\mathbf{2 0 1 6}$ |
| :---: | ---: | ---: |
| $\$ 1,358,366,072$ | $\$ 1,240,148,072$ | $\$ 1,133,622,254$ |
| $902,025,403$ | $829,752,256$ | $537,862,282$ |
| $237,902,992$ | $216,325,745$ | $220,169,604$ |
| $42,612,238$ | $29,499,827$ | $43,691,033$ |
| $38,515,704$ | $23,941,077$ | $30,616,276$ |
| $2,061,952$ | $2,185,975$ | $2,136,644$ |
| $1,097,719$ | 852,483 | $1,343,347$ |
| 714,051 | 104,891 | 163,167 |
| $22,811,879$ | - | 16,900 |

As of June 30, 2017, December 31, 2016 and June 30, 2016, financial assets at fair value through profit or loss with aggregate carrying values of $\$ 5,180,974$ thousand, $\$ 33,509,311$ thousand and $\$ 22,952,345$ thousand, respectively, had been sold under repurchase agreements (recognized as notes and bonds issued under repurchase agreements).

The Bank and subsidiaries have not applied hedged accounting.
For the information on financial instruments at fair value through profit or loss pledged as collateral for the Bank and subsidiaries, please refer to Note 39.

## 9. SECURITIES PURCHASED UNDER RESELL AGREEMENTS

|  | June 30, 2017 |  | $\begin{gathered} \text { December 31, } \\ 2016 \end{gathered}$ |  | June 30, 2016 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Commercial paper | \$ | 908,096 | \$ | 745,844 | \$ | 2,784,501 |
| Corporate bonds |  |  |  |  |  | 830,098 |
| Government bonds |  |  |  | 50,006 |  | 3,572,715 |
| Bank debentures |  | - |  | - |  | 829,080 |
|  | \$ | 908,096 | \$ | 795,850 |  | 8,016,394 |
| Agreed-upon resell amounts | \$ | 908,199 | \$ | 795,943 |  | 8,018,277 |
| Last maturity date | July 2017 |  | January 2017 |  | August 2016 |  |

## 10. RECEIVABLES, NET

|  |  | $\begin{gathered} \text { June 30, } \\ 2017 \end{gathered}$ | $\begin{gathered} \text { December 31, } \\ 2016 \end{gathered}$ |  | $\begin{gathered} \text { June } 30, \\ 2016 \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Accounts receivable - forfaiting | \$ | 5,468,843 | \$ | 7,912,584 | \$ | 15,000,285 |
| Lease receivables |  | 4,984,138 |  | 6,424,942 |  | 6,600,210 |
| Credit cards |  | 2,960,050 |  | 2,649,551 |  | 2,928,754 |
| Interest receivable |  | 1,944,113 |  | 1,754,592 |  | 1,463,246 |
| Accounts receivables factoring without recourse |  | 8,916,480 |  | 9,590,021 |  | 2,002,681 |
| PEM receivable |  | 876,398 |  | 926,028 |  | 926,229 |
| Acceptances receivable |  | 330,659 |  | 171,441 |  | 358,037 |
| Rental deposits |  | 467,748 |  | 467,748 |  | 467,748 |
| Receivable on securities sold |  | 2,402,112 |  | 64,212 |  | 1,985,198 |
| Others |  | 833,737 |  | 970,710 |  | 793,549 |
|  |  | 29,184,278 |  | 30,931,829 |  | 32,525,937 |
| Less: Unrealized interest |  | $(274,745)$ |  | $(378,214)$ |  | $(423,889)$ |
| Allowance for bad debts |  | $(1,485,881)$ |  | $(1,699,854)$ |  | $(1,550,851)$ |
| Net amount |  | 27,423,652 |  | 28,853,761 | \$ | 30,551,197 |

As of June 30, 2017, December 31, 2016 and June 30, 2016, the rental deposits receivable amounting to $\$ 467,748$ thousand and the allowance for bad debts was $\$ 409,848$ thousand, resulted from the relocation to Bank-owned property, of which, deposits from Prince Motors and Cosmos Construction Management Corporation amounted to $\$ 101,901$ thousand, and the allowance for bad debts on these deposits was $\$ 44,001$ thousand.

On February 14, 2014, the Taiwan District Court had judged that the Bank lost the lawsuit against the third party which claimed that the Bank had fraudulently infringed the rights of the creditors regarding property rights of Dun Nun Building, and the Bank then filed appeal. The court has revoked the original adjudication and rejected the third party appeal on July 26, 2017. Please refer to Note 40 for details.

From May 2007 to February 2008, the Bank sold structured notes, which were issued by GVEC Resource Inc. (GVEC), amounting to US $\$ 48,920$ thousand through a specific trust fund. PEM Group, which GVEC was subordinate to, was found to have committed fraud by the U.S. Securities and Exchange Commission (SEC). In view of its social responsibility, the Bank's board of directors decided to buy back the structured notes before March 31, 2010 and ask for compensation from PEM Group.

PEM Group had invested in life insurance policy products, etc. In order to recover its creditor's rights effectively and to protect shareholders' equity, the Bank's board of directors adopted a resolution on December 21, 2010, to take over all the insurance policies and hold these policies in the form of trust. The Bank completed the transfer of the life insurance policies from PEM Group on March 7, 2011. The Bank measured the policies' cost based on an actuarial report less administration fees, and then recognized the cost amounting to $\$ 218,386$ thousand (US\$7,423 thousand). At the same time, the Bank wrote off the initial cost and provision for life insurance policies amounting to $\$ 433,061$ thousand (US $\$ 14,721$ thousand).

As of June 30, 2017, the PEM receivable amounting to $\$ 876,398$ thousand (US $\$ 28,794$ thousand) was measured as the abovementioned PEM receivable plus premiums paid thereon, less any recovery amount. After assessing the possibility of recovery based on the latest information provided by the receiver of PEM Group and the trust entity, the balance of the PEM receivable and its allowance for bad debts was as follows:

## (In Thousands of USD/TWD)

| June 30, 2017 |  |  |  |
| :---: | :---: | :---: | :---: |
| USD |  | TWD |  |
| \$ | 13,218 | \$ | 402,314 |
|  | 15,576 |  | 474,084 |
|  | 28,794 |  | 876,398 |
|  | $(16,215)$ |  | $(493,520)$ |
| \$ | 12,579 | \$ | 382,878 |

December 31, 2016
$\frac{\text { December 31, } 2016}{\text { USD }}$

Life insurance policies
Non-life insurance policies
Less: Allowance for bad debts

Net amount

| $\$ \quad 13,112$ | $\$ 423,237$ |
| :---: | :---: |
| 15,576 |  |
| 28,688 | 502,791 |
|  | 926,028 |
|  | $(16,215)$ |

Life insurance policies
Non-life insurance policies
Less: Allowance for bad debts
$\$ \quad 12,579$
\$ 382,878
Net amount
Life insurance policies
Non-life insurance policies

Less: Allowance for bad debts
$\$ \quad 12,473$
\$402,624

June 30, 2016
USD
TWD

Life insurance policies
\$ 13,112
\$ 423,329
Non-life insurance policies

- 15,576

502,900
28,688
926,229
$(16,215)$
$(523,518)$
Net amount
$\$ 12,473$
$\$ 402,711$
The changes in the Bank and subsidiaries' allowance for bad debts of receivables were as follows:

| For the Six Months Ended |  |
| :---: | :---: |
| June 30 |  |
| 2017 | 2016 |

Balance, January 1
Provisions (reversal)
Write-offs
Recovery of written-off credits
Effects of exchange rate changes
Balance, June 30
\$ 1,699,854
92,945
$(265,224)$
16,743
$(58,437)$
\$ 1,725,839
$(118,967)$
$(24,222)$
$\$ 1,485,881 \quad \$ 1,550,851$

For the impairment loss analysis of receivables, please refer to Note 42.
For the receivables pledged as collaterals for subsidiaries' borrowings, please refer to Note 39.

## 11. DISCOUNTS AND LOANS, NET

|  | $\begin{gathered} \text { June 30, } \\ 2017 \end{gathered}$ | $\begin{gathered} \text { December 31, } \\ 2016 \end{gathered}$ | June 30, 2016 |
| :---: | :---: | :---: | :---: |
| Short-term loans | \$ 70,985,769 | \$ 60,824,456 | \$ 51,194,844 |
| Medium-term loans | 163,069,985 | 152,145,653 | 144,056,024 |
| Long-term loans | 45,536,728 | 42,061,948 | 40,580,500 |
| Overdue loans | 628,991 | 708,046 | 558,998 |
| Export negotiations | 141,489 | 139,441 | 63,309 |
|  | 280,362,962 | 255,879,544 | 236,453,675 |
| Less: Allowance for bad debts | $(3,773,595)$ | $(3,429,672)$ | $(3,266,846)$ |
| Less: Discounts on loans | $(67,512)$ | $(72,880)$ | $(83,214)$ |
| Net amount | \$ 276,521,855 | \$ 252,376,992 | \$ 233,103,615 |

The changes in the Bank's allowance for bad debts of discounts and loans were as follows:

|  | For the Six Months Ended June 30 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 2017 |  | 2016 |
| Balance, January 1 | \$ | 3,429,672 | \$ | 3,115,696 |
| Provisions |  | 267,687 |  | 69,203 |
| Recovery of written-off credits |  | 371,366 |  | 374,420 |
| Write-offs |  | $(232,162)$ |  | $(264,008)$ |
| Reduction and exemption |  | $(15,189)$ |  | $(14,249)$ |
| Effects of exchange rate changes |  | $(47,779)$ |  | $(14,216)$ |
| Balance, June 30 |  | 3,773,595 | \$ | 3,266,846 |

For the impairment loss analysis of discounts and loans, please refer to Note 42

## 12. AVAILABLE-FOR-SALE FINANCIAL ASSETS

|  | June 30, <br> $\mathbf{2 0 1 7}$ | December 31, <br> $\mathbf{2 0 1 6}$ | June 30, <br> $\mathbf{2 0 1 6}$ |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Government bonds | $\$ 62,634,164$ | $\$$ | $65,719,269$ | $\$ 30,035,141$ |
| Bank debentures | $22,650,383$ | $13,051,597$ | $16,086,121$ |  |
| Corporate bonds | $27,671,187$ | $5,149,833$ | $7,840,784$ |  |
| Stocks | $5,682,852$ | $4,801,347$ | $5,816,327$ |  |
| Negotiable certificates of deposits | $25,802,540$ |  | - |  |
|  | $\underline{\$ 144,441,126}$ | $\underline{\$ 88,722,046}$ | $\underline{\$ 59,778,373}$ |  |

As of June 30, 2017, December 31, 2016 and June 30, 2016, available-for-sale financial assets, with aggregate carrying values of $\$ 59,731,319$ thousand, $\$ 28,629,003$ thousand and $\$ 20,829,209$ thousand, respectively, had been sold under repurchase agreements (recognized as notes and bonds issued under repurchase agreements).

For the available-for-sale financial assets pledged as collaterals by the Bank and subsidiaries, please refer to Note 39.

## 13. INVESTMENTS ACCOUNTED FOR USING EQUITY METHOD, NET

Immaterial associates:

| June 30, 2017 |  | December 31, 2016 |  | June 30, 2016 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Carrying Amount | \% | Carrying Amount | \% | Carrying Amount | \% |
| \$ 800,417 | 4.95 | \$ 733,152 | 4.95 | \$ 688,291 | 4.95 |
| 615 |  | 736 |  | 877 |  |
| \$ 801,032 |  | \$ 733,888 |  | \$ 689,168 |  |

The above investments accounted for using equity method and the Bank and subsidiaries' share of earnings and other comprehensive income had been calculated on the basis of audited financial statements.

The Bank and subsidiaries had not pledged any of the equity-method investments as collateral

## 14. OTHER FINANCIAL ASSETS

|  | $\begin{gathered} \text { June 30, } \\ 2017 \end{gathered}$ |  | $\begin{gathered} \text { December 31, } \\ 2016 \end{gathered}$ |  | $\begin{gathered} \text { June } 30, \\ 2016 \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Financial assets measured at cost, net | \$ | 255,659 | \$ | 255,659 | \$ | 255,659 |
| Due from banks (original maturities over three months) |  | 1,503,983 |  | 3,045,833 |  | 2,831,407 |
| Debt instruments with no active market |  | 2,526,188 |  | 581,022 |  | - |
| Overdue receivables |  | 13,523 |  | 14,726 |  | 28,315 |
| Pledged time deposits |  | 1,300 |  | 1,300 |  | 1,300 |
|  |  | 4,300,653 |  | 3,898,540 |  | 3,116,681 |
| Less: Allowance for bad debts - overdue receivables |  | $(13,523)$ |  | $(14,726)$ |  | $(28,315)$ |
| Net amount | \$ | 4,287,130 | \$ | 3,883,814 | \$ | 3,088,366 |

For the other financial assets pledged as collaterals by the Bank and subsidiaries, please refer to Note 39.

## 15. PROPERTY AND EQUIPMENT, NET

|  | $\begin{gathered} \text { June 30, } \\ 2017 \end{gathered}$ | $\begin{gathered} \text { December 31, } \\ 2016 \end{gathered}$ | $\begin{gathered} \text { June 30, } \\ 2016 \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| Land | \$ 3,510,433 | \$ 3,673,053 | \$ 3,756,724 |
| Buildings and facilities | 1,678,788 | 1,718,854 | 1,775,618 |
| Machinery and computer equipment | 128,636 | 121,605 | 113,008 |
| Leased assets | 376,171 | 240,303 | 227,843 |
| Leasehold improvement | 165,834 | 153,079 | 122,649 |
| Transportation equipment | 419 | 521 | 16,289 |
| Miscellaneous equipment | 31,632 | 26,910 | 23,958 |
| Prepayments for acquisition of properties | 23,661 | 3,280 | 6,199 |
|  | \$ 5,915,574 | \$ 5,937,605 | \$ 6,042,288 |

Except for depreciation recognized, the Bank and subsidiaries' had no significant addition, disposal and impairment of property and equipment during the three and six months ended June 30, 2017 and 2016.

The board of directors held in September 2016 approved selling the building located in Sanchong, thus it was transferred from property and equipment to assets held for sale. Further, the building had no impairment loss which evaluated by the external independent appraiser appointed by the Bank.

Property and equipment were depreciated on a straight-line basis at the following estimated service lives:

| Buildings and facilities | $4-60$ years |
| :--- | ---: |
| Machinery and computer equipment | $1-8$ years |
| Transportation equipment | $2-15$ years |
| Miscellaneous equipment | $2-10$ years |
| Leasehold improvement | $1-10$ years |
| Leased assets | $1-10$ years |

For the property and equipment pledged as collaterals by the Bank and subsidiaries, please refer to Note 39.

## 16. INVESTMENT PROPERTY, NET

|  | June 30, <br> $\mathbf{2 0 1 7}$ | December 31, <br> $\mathbf{2 0 1 6}$ | June 30, <br> $\mathbf{2 0 1 6}$ |  |
| :--- | :---: | :---: | :---: | :---: |
| Land |  |  |  |  |
| Buildings and facilities | $\$ 706,190$ |  | $\$ 543,570$ | $\$ 466,875$ |
|  | $\underline{136,367}$ |  | 127,452 | 91,781 |
|  | $\underline{\$ 842,557}$ | $\underline{\$ 671,022}$ | $\underline{\$ 558,656}$ |  |

The changes in the Bank and subsidiaries' investment properties were as follows:
For the Six Months Ended

| June 30 |  |  |
| :--- | :--- | :---: |
| 2017 | 2016 |  |

## Cost

Beginning balance
Reclassification
Ending balance

## Accumulated depreciation

Beginning balance
Depreciation
Reclassification
Ending balance

## Accumulated impairment

Beginning balance
$(150,916)$
Impairment
Ending balance
Carrying amount, net
\$ 902,137 \$ 773,349
192,510
1,094,647
773,349

Investment property was depreciated on a straight-line basis at the following estimated service lives:

## Buildings and facilities

Main building and parking spaces 20-60 years
The fair value of the Bank and subsidiaries' investment property was based on the assessment of an external independent appraiser and is reviewed by the Bank and subsidiaries' management that considers the validity of appraisal report in 2016 and 2015 and regard the fair value as effective. The comparative approach was based on the prices of similar transactions, and the income approach was based on the estimated income generated by a property and capitalization rate. Based on these valuations, the fair values of the Bank and subsidiaries' investment properties as of June 30, 2017, December 31, 2016 and June 30, 2016 were $\$ 990,999$ thousand, $\$ 886,233$ thousand and $\$ 710,905$ thousand, respectively.

For the investment properties pledged as collaterals by the Bank and subsidiaries, please refer to Note 39.

## 17. OTHER ASSETS, NET

|  | June 30, | December 31, | June 30, |
| :--- | ---: | ---: | ---: | ---: |
|  | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 6}$ |
| Guarantee deposits paid | $\$ 5,730,926$ | $\$ 7,912,082$ | $\$ 7,344,397$ |
| Prepaid expenses | 641,161 | 627,305 | 298,466 |
| Prepaid pension costs | 131,760 | 126,223 | 232,313 |
| Others | $\underline{160,661}$ | $\underline{187,942}$ | $\underline{202,390}$ |
|  | $\underline{\$ 6,664,508}$ | $\underline{\$ 8,853,552}$ | $\underline{\$ 8,077,566}$ |

For the other assets pledged as collaterals by the Bank and subsidiaries, please refer to Note 39.

## 18. DEPOSITS FROM THE CENTRAL BANK AND BANKS

|  | June 30, | December 31, | June 30, |
| :--- | :---: | :---: | :---: | :---: |
|  | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 6}$ |

## 19. NOTES AND BONDS ISSUED UNDER REPURCHASE AGREEMENTS

|  | June 30, | December 31, | June 30, |
| :--- | ---: | ---: | ---: | ---: |
|  | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 6}$ |

## 20. PAYABLES

Accounts payable factoring
Accrued interest
Accrued expenses
Acceptances
Funds for clearing
Checks for clearing
Payables for securities purchased
Others

| $\begin{gathered} \text { June 30, } \\ 2017 \end{gathered}$ | $\begin{gathered} \text { December 31, } \\ 2016 \end{gathered}$ | $\begin{gathered} \text { June 30, } \\ 2016 \end{gathered}$ |
| :---: | :---: | :---: |
| \$ 675,633 | \$ 832,360 | \$ 750,396 |
| 1,458,632 | 966,137 | 693,173 |
| 539,361 | 881,548 | 493,041 |
| 330,659 | 171,441 | 358,037 |
| 231,966 | 245,276 | 258,837 |
| 182,984 | 619,580 | 179,151 |
| 5,779,976 | - | 1,995,047 |
| 501,809 | 473,305 | 548,281 |
| \$ 9,701,020 | \$ 4,189,647 | \$ 5,275,963 |

## 21. DEPOSITS AND REMITTANCES

|  | June 30, | December 31, | June 30, |  |
| :--- | ---: | ---: | ---: | ---: |
|  | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 6}$ |  |
|  |  |  |  |  |
| Time deposits | $\$ 195,269,309$ | $\$ 205,674,615$ | $\$ 195,097,183$ |  |
| Savings deposits | $99,811,390$ | $98,220,082$ | $95,593,964$ |  |
| Demand deposits | $50,134,892$ | $33,124,542$ | $31,728,222$ |  |
| Checking deposits | $3,395,775$ | $4,307,826$ | $3,679,771$ |  |
| Negotiable certificates of deposits | $4,155,000$ | $1,896,300$ | 67,200 |  |
| Remittances | 54,888 |  | 224,141 | 47 |
|  |  |  | 47,621 |  |
|  | $\underline{\$ 352,821,254}$ | $\underline{\$ 343,447,506}$ | $\underline{\$ 326,213,961}$ |  |

22. BANK DEBENTURES PAYABLE

| Name |  | June 30, 2017 | $\begin{gathered} \text { December 31, } \\ 2016 \end{gathered}$ |  | $\begin{gathered} \text { June 30, } \\ 2016 \end{gathered}$ |  | Issuance Period | Method of Paying Principle and Interests | Interest Rate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 04 KGIB 2 | \$ | 2,750,000 | \$ | 2,750,000 | \$ | 2,750,000 | 2008.01.09-2017.12.13 | Principal due on maturity. | 0.0\% |
| P06 KGIB 1 |  | 1,000,000 |  | - |  | - | 2017.05.19-2020.05.19 | Interest payable annually; Principal due on maturity. | 0.9\% |
| Unamortized discount |  | $\begin{array}{r} 3,750,000 \\ (30,125) \\ \hline \end{array}$ |  | $\begin{array}{r} 2,750,000 \\ (65,764) \\ \hline \end{array}$ |  | $\begin{gathered} 2,750,000 \\ (101,993) \\ \hline \end{gathered}$ |  |  |  |
| Net amount |  | 3,719,875 |  | 2,684,236 |  | 2,648,007 |  |  |  |

## 23. COMMERCIAL PAPER PAYABLE, NET

|  | June 30, 2017 | $\begin{gathered} \text { December 31, } \\ 2016 \end{gathered}$ | $\begin{gathered} \text { June 30, } \\ 2016 \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| Commercial paper payable <br> Less: Unamortized discount | \$ 1,880,000 | \$ 2,558,000 | \$ 2,746,000 |
|  | (923) | (691) | $(1,789)$ |
|  | \$ 1,879,077 | \$ 2,557,309 | \$ 2,744,211 |
| Interest rate | 1.07\%-1.88\% | 1.03\%-1.87\% | 1.12\%-2.02\% |
| Last maturity date | October 2017 | October 2017 | June 2017 |

## 24. OTHER BORROWINGS

|  | June 30, <br> $\mathbf{2 0 1 7}$ | December 31, <br> $\mathbf{2 0 1 6}$ | June 30, <br> $\mathbf{2 0 1 6}$ |
| :--- | ---: | ---: | ---: | ---: |
|  |  |  |  |
| Short-term credit borrowings | $\$ 1,391,774$ | $\$ 1,680,550$ | $\$ 1,671,803$ |
| Note issuance facility | $1,199,537$ | 799,676 | 799,836 |
| Short-term secured borrowings | 150,000 | 215,000 | 130,000 |
| Long-term credit borrowings | $\underline{305,942}$ | $\underline{466,877}$ | $\underline{239,991}$ |
|  | $\underline{\$ 3,047,253}$ | $\underline{\$ 3,162,103}$ | $\underline{\underline{\$ 2,841,630}}$ |
| Interest rate | $1.10 \%-4.75 \%$ | $1.05 \%-4.75 \%$ | $1.20 \%-4.75 \%$ |
| Last maturity date | June 2020 | December 2019 | July 2018 |

## 25. PROVISIONS

|  | $\begin{gathered} \text { June 30, } \\ 2017 \end{gathered}$ | $\begin{gathered} \text { December 31, } \\ 2016 \end{gathered}$ | $\begin{gathered} \text { June 30, } \\ 2016 \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| Provision for guarantee liabilities | \$ 103,835 | \$ 97,555 | \$ 107,735 |
| Provision for employee benefits | 14,452 | 23,559 | 145,053 |
| Others | 118,635 | 115,545 | 116,254 |
|  | \$ 236,922 | \$ 236,659 | \$ 369,042 |

## 26. RETIREMENT BENEFIT PLANS

The Bank and subsidiaries' retirement plans consist of defined contribution and defined benefit plans. For defined benefit plans, employee benefit expenses for the six months ended June 30, 2017 and 2016 were calculated using the actuarially determined pension cost discount rates as of December 31, 2016 and 2015, respectively.

For the three and six months ended June 30, 2017 and 2016, the Bank and subsidiaries (a) recognized their contributions under the defined benefit plans as pension expenses (recognized as employee benefits expense) of $\$ 1,398$ thousand, $\$ 1,953$ thousand, $\$ 2,796$ thousand and $\$ 3,904$ thousand, respectively, and (b) recognized under the defined contribution plans pension expenses (recognized as employee benefits expense) of $\$ 31,757$ thousand, $\$ 30,448$ thousand, $\$ 63,136$ thousand and $\$ 60,523$ thousand, respectively.

## 27. OTHER LIABILITIES

|  |  | $\begin{gathered} \text { June } 30, \\ 2017 \end{gathered}$ |  | $\begin{gathered} \text { cember } 31, ~ \\ 2016 \end{gathered}$ | $\begin{gathered} \text { June 30, } \\ 2016 \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Guarantee deposits received | \$ | 1,324,420 | \$ | 1,295,801 | \$ | 553,526 |
| Temporary receipts and suspense accounts |  | 1,865,304 |  | 641,752 |  | 2,008,440 |
| Advance receipts |  | 81,699 |  | 129,686 |  | 117,003 |
| Others |  | 72,251 |  | 78,886 |  | 87,827 |
|  |  | 3,343,674 |  | 2,146,125 | \$ | 2,766,796 |

## 28. EQUITY

a. Capital

## Common stock

|  | $\begin{gathered} \text { June 30, } \\ 2017 \end{gathered}$ | $\begin{gathered} \text { December 31, } \\ 2016 \end{gathered}$ | $\begin{gathered} \text { June 30, } \\ 2016 \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| Number of shares authorized (in thousands) (Note) | 20,000,000 | 20,000,000 | 20,000,000 |
| Shares authorized | \$ 200,000,000 | \$ 200,000,000 | \$ 200,000,000 |
| Number of shares issued and fully paid (in thousands) (Note) | 4,606,162 | 4,606,162 | 4,606,162 |
| Shares issued | \$ 46,061,623 | \$ 46,061,623 | \$ 46,061,623 |

Note: Share par value NT\$10.
b. Capital surplus

|  | June 30, <br> $\mathbf{2 0 1 7}$ | December 31, <br> $\mathbf{2 0 1 6}$ | June 30, <br> $\mathbf{2 0 1 6}$ |
| :--- | ---: | ---: | ---: | ---: |
|  | $\$ 7,245,710$ | $\$ 7,245,710$ | $\$ 7,245,710$ |
| Additional paid-in capital <br> Issuance of employee share options <br> Change in capital surplus from investments in <br> associates accounted for by using equity <br> method | 4,115 | 3,363 | 2,464 |

The premium of additional paid-in capital (share premium from issuance of common shares, treasury share transactions, and excess of the consideration received over the carrying amount of the subsidiaries' net assets during disposal or acquisition) and donations may be used to offset a deficit; in addition, when the Bank has no deficit, such capital surplus may be distributed as cash dividends or transferred to capital once a year within a certain percentage of the Bank's capital surplus.

The capital surplus from investments under the equity method may not be used for any purpose.
c. Legal and special reserves

Under the Company Act, the Bank may, under a resolution approved in a shareholders' meeting, capitalize the amount of its legal reserve that exceeds $25 \%$ of the capital by issuing new shares to shareholders or by distributing a cash dividend when it incurs no loss. In addition, under the Banking Act, the Bank should retain $30 \%$ of its after-tax earnings as legal reserve before distributing these earnings. Further, if the amount of legal reserve is less than the total amount of capital, the maximum amount of earnings that may be distributed in cash should not exceed $15 \%$ of the total capital. However, this restriction will not apply if the amount of legal reserve equals or exceeds the amount of the total capital or if the Bank is in sound financial condition and is in compliance with the Company Act.

Based on Order No. 1010012865 issued by the FSC on April 6, 2012, a special reserve equal to the net debit balance of other shareholders' equity should be appropriated from the current after-tax net income and the prior year's unappropriated earnings, but this special reserve is not distributable. This special reserve may be reversed to the extent that the net debit balance reverses.

Under Order No. 10510001510 issued by the FSC on May 25, 2016, the Public Bank shall appropriate 2016 to 2018 annual surplus which is based on $0.5 \%$ to $1 \%$ of net income for special reserve. From fiscal year of 2017, the Bank can reverse the amount of expenditure of employees' transfer arising from financial technology development within the amount of the above special reserve.
d. Appropriation of earnings and dividend policy

In order to expand the Bank's operations and consider the benefit of shareholders as well as comply with the Banking Act and relevant regulations, the Bank applies the residual dividend policy. In principle, the Bank pays dividends in the form of cash. The cash dividends should not be more than $15 \%$ of paid-in capital when legal reserve is less than paid-in capital.

The current year's earnings will be first applied to cover losses of the past years as well as settle all taxes payable. After covering losses and settling taxes, the balance will then be used to appropriate legal reserve and special reserve and to reverse a special reserve in accordance with relevant laws and regulations. The remainder will then be used to pay the accrued dividends of the past years and dividend of the current year.

When the Bank's legal reserve equals its paid-in capital, or when the Bank has complied with the FSC's financial soundness requirements and has provided a legal reserve based on the Company Act, the Bank is no longer subject to the requirement for legal reserve appropriation and to the $15 \%$-of-paid-in capital limit on cash dividend distribution.

The appropriation of earnings should be presented for approval at the shareholders' meeting in the year following, and given effect to in the financial statements of the year following the year of earnings generation.

Under the Financial Holding Company Act, because the Bank has only one shareholder, CDFH, the Company Act provisions on shareholders' meetings do not apply to the Bank and the board of directors is thus entitled to exercise shareholders' meeting functions.

Appropriation of the 2016 and 2015 earnings for approved by board of directors which entitled to execute shareholders' meeting function on May 18, 2017 and May 10, 2016 respectively were as follows:

| Legal reserve | $\$ 1,120,722$ | $\$$ | 947,782 |
| :--- | ---: | ---: | ---: |
| Special reserve | 913,849 | 409,670 |  |
| Cash dividends | $1,701,168$ | $1,801,821$ |  |

Related information can be accessed through the Market Observation Post System on the Web site of the Taiwan Stock Exchange.

## 29. NET INTEREST

| For the Three Months Ended June 30 |  | For the Six Months Ended June 30 |  |
| :---: | :---: | :---: | :---: |
| 2017 | 2016 | 2017 | 2016 |

Interest revenues

Discounts and loans
Securities
Accounts receivable - forfaiting
Due from and call loans to banks
Accounts receivable factoring without recourse
Others

## Interest expenses

Deposits
Notes and bonds issued under repurchase agreements
Structured notes
Due to/borrowings from the Central Bank and other banks
Others

| 66,274 |
| ---: |
| 51,803 |
| 972,950 |


| 16,932 |
| ---: |
| 44,512 |
| 800,297 |


| 117,053 |
| ---: |
| 99,921 |
| $1,876,178$ |

30,347
$\begin{array}{r}93,100 \\ \hline\end{array}$
1,717,711
\$ 1,624,556
\$ 1,395,817
\$ 3,030,226
\$ 2,771,435

## 30. SERVICE FEE INCOME, NET



Service fee revenues

| Insurance commission | \$ | 155,280 | \$ | 170,139 | \$ | 297,620 | \$ | 339,119 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Trust |  | 98,295 |  | 67,303 |  | 194,413 |  | 118,496 |
| Cash card |  | 33,117 |  | 31,715 |  | 60,217 |  | 63,033 |
| Credit card |  | 44,281 |  | 38,126 |  | 87,952 |  | 68,216 |
| Loans |  | 76,556 |  | 75,960 |  | 170,849 |  | 105,162 |
| Others |  | 48,773 |  | 52,428 |  | 96,286 |  | 105,405 |
|  |  | 456,302 |  | 435,671 |  | 907,337 |  | 799,431 |
| $\underline{\text { Service fee expenses }}$ |  |  |  |  |  |  |  |  |
| Agency |  | 23,624 |  | 23,985 |  | 46,296 |  | 48,808 |
| Interbank |  | 12,493 |  | 10,965 |  | 24,864 |  | 20,901 |
| Custodian |  | 1,985 |  | 1,059 |  | 3,904 |  | 1,987 |
| Others |  | 30,001 |  | 25,931 |  | 56,572 |  | 48,859 |
|  |  | 68,103 |  | 61,940 |  | 131,636 |  | 120,555 |
|  | \$ | 388,199 | \$ | 373,731 | \$ | 775,701 | \$ | 678,876 |

31. GAINS (LOSSES) ON FINANCIAL ASSETS OR LIABILITIES MEASURED AT FVTPL

|  | For the Three Months Ended June 30 |  |  |  | For the Six Months Ended June 30 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2017 |  | 2016 |  | 2017 |  | 2016 |  |
| Realized gain (loss) |  |  |  |  |  |  |  |  |
| Bonds | \$ | 13,357 | \$ | 290,228 |  | $(114,593)$ | \$ | 584,598 |
| Derivative instruments |  | 518,213 |  | $(118,735)$ |  | 664,994 |  | $(16,071)$ |
| Stocks |  | $(3,200)$ |  | 4,164 |  | (283) |  | $(41,004)$ |
| Others |  | 2,302 |  | - |  | 5,075 |  |  |
|  |  | 530,672 |  | 175,657 |  | 555,193 |  | 527,523 |
| Revaluation gain (loss) |  |  |  |  |  |  |  |  |
| Bonds |  | $(299,325)$ |  | 239,975 |  | 313,796 |  | 634,136 |
| Derivative instruments |  | 601,929 |  | $(256,115)$ |  | 2,114,061 |  | $(460,521)$ |
| Stocks |  | 1,497 |  | $(2,828)$ |  | 118 |  | 26,257 |
| Others |  | $(283,862)$ |  | $(61,781)$ |  | $(1,408,891)$ |  | $(10,898)$ |
|  |  | 20,239 |  | $(80,749)$ |  | 1,019,084 |  | 188,974 |
|  | \$ | 550,911 | \$ | 94,908 |  | 1,574,271 | \$ | 716,497 |

For the three and six months ended June 30, 2017 and 2016, the realized gain or loss on the Bank and subsidiaries financial assets or liabilities at FVTPL included (a) disposal gain of \$519,002 thousand, loss of $\$ 110,163$ thousand, gain of $\$ 411,511$ thousand and loss of $\$ 112,873$ thousand, respectively, (b) interest revenues of $\$ 210,844$ thousand, $\$ 363,027$ thousand, $\$ 512,442$ thousand and $\$ 762,159$ thousand, respectively, (c) dividend incomes of $\$ 0$ thousand, $\$ 1,562$ thousand, $\$ 0$ thousand and $\$ 1,562$ thousand, respectively, and (d) interest expenses of $\$ 199,174$ thousand, $\$ 78,769$ thousand, $\$ 368,760$ thousand and \$123,325 thousand, respectively.
32. REALIZED GAINS (LOSSES) ON AVAILABLE-FOR-SALE FINANCIAL ASSETS

|  | For the Three Months Ended June 30 |  | For the Six Months Ended June 30 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2017 | 2016 | 2017 | 2016 |
| Gain on bond disposal | \$ 335,278 | \$ 296,446 | \$ 165,387 | \$ 492,493 |
| Gain on stock disposal | - | 67,558 | 12,357 | 116,344 |
| Dividend income | 34,885 | 59,351 | 45,326 | 71,760 |
|  | \$ 370,163 | \$ 423,355 | \$ 223,070 | \$ 680,597 |

## 33. OTHER NON-INTEREST INCOME

|  | For the Three Months Ended June 30 |  |  |  | For the Six Months Ended June 30 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2017 |  | 2016 |  | 2017 |  | 2016 |  |
| Rental income | \$ | 34,323 | \$ | 20,913 | \$ | 59,642 | \$ | 41,144 |
| Net gains on financial assets at cost |  | 10,191 |  | 8,600 |  | 10,191 |  | 8,600 |
| Others |  | $(2,497)$ |  | 2,632 |  | 4,973 |  | 9,899 |
|  |  | 42,017 | \$ | 32,145 |  | 74,806 | \$ | 59,643 |

## 34. EMPLOYEE BENEFITS, DEPRECIATION AND AMORTIZATION EXPENSES

|  | For the Three Months Ended June 30 |  |  |  | For the Six Months Ended June 30 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2017 |  | 2016 |  | 2017 |  | 2016 |  |
| Employee benefit expense |  |  |  |  |  |  |  |  |
| Salaries and wages | \$ | 720,825 | \$ | 677,509 | \$ | 1,419,377 | \$ | 1,328,035 |
| Employee insurance |  | 53,002 |  | 49,041 |  | 117,832 |  | 109,534 |
| Pension |  | 33,155 |  | 32,401 |  | 65,932 |  | 64,427 |
| Others |  | 48,182 |  | 46,989 |  | 99,404 |  | 103,641 |
|  | \$ | 855,164 | S | 805,940 |  | 1,702,545 |  | 1,605,637 |
| Depreciation and amortization expenses | \$ | 88,661 | \$ | 74,480 |  | 170,656 | \$ | 147,683 |

To comply with the Company Act as amended in May 2015 and the amended Articles of Incorporation passed by the Bank's board of directors, which stipulate to distribute compensation of employees at the rates no less than $0.01 \%$ and no higher than $3 \%$ of net profit before income tax and employees' compensation. However, if the Bank had incurred cumulative losses, the profit should be used to offset the losses first. For the three and six months ended June 30, 2017 and 2016, the employee's compensation were $\$ 1,188$ thousand, $\$ 1,124$ thousand, $\$ 2,172$ thousand and $\$ 2,155$ thousand, respectively.

If there is a change in the proposed amounts after the consolidated financial statements of the fiscal year were authorized for issue, the differences will be recorded as a change in the accounting estimate.

The distribution of the compensation of employees for 2016 and 2015 approved by the board of directors respectively on March 23, 2017 and March 24, 2016 were $\$ 4,703$ thousand and $\$ 3,755$ thousand.

There was no difference between the amounts of the employees' compensation resolved by the board of directors and the respective amounts recognized in the consolidated financial statements for the year ended December 31, 2016 and 2015.

The information on the proposed and approved employees' compensation is available on the Market Observation Post System website of the Taiwan Stock Exchange.

## 35. OTHER GENERAL AND ADMINISTRATIVE EXPENSES

|  | For the Three Months Ended June 30 |  |  |  | For the Six Months Ended June 30 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2017 |  | 2016 |  | 2017 |  | 2016 |
| Taxation | \$ | 99,642 | \$ | 34,922 |  | 201,074 | \$ | 227,649 |
| Rental |  | 87,540 |  | 79,984 |  | 174,149 |  | 158,811 |
| Professional services |  | 66,940 |  | 74,474 |  | 128,236 |  | 140,266 |
| Computer information |  | 35,391 |  | 43,303 |  | 96,428 |  | 94,340 |
| Marketing |  | 36,984 |  | 42,868 |  | 71,511 |  | 72,990 |
| Others |  | 143,060 |  | 142,444 |  | 273,864 |  | 271,992 |
|  |  | 469,557 |  | 417,995 |  | 945,262 |  | 966,048 |

## 36. INCOME TAX

a. Income tax expense

|  | For the Three Months Ended June 30 |  | For the Six Months Ended June 30 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2017 | 2016 | 2017 | 2016 |
| Current income tax |  |  |  |  |
| Current year | \$ 79,979 | \$ 115,733 | \$ 86,780 | \$ 194,393 |
| Prior year's adjustments | $(26,465)$ | $(9,705)$ | $(26,465)$ | $(9,705)$ |
|  | 53,514 | 106,028 | 60,315 | 184,688 |
| Deferred income tax | 284,432 | $(3,899)$ | 396,855 | $(54,104)$ |
| Income tax expenses | \$ 337,946 | \$ 102,129 | \$ 457,170 | \$ 130,584 |

b. Integrated income tax

|  | $\begin{gathered} \text { June 30, } \\ 2017 \end{gathered}$ | $\begin{gathered} \text { December 31, } \\ 2016 \end{gathered}$ | $\begin{gathered} \text { June 30, } \\ 2016 \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| Imputation credit accounts - the Bank | \$ 40 | \$ 23,787 | \$ 229 |

The Bank's creditable tax ratios for the distribution of the earnings of 2016 and 2015 were $1.26 \%$ (estimated) and $1.27 \%$, respectively.

Under the Income Tax Law, for the distribution of earnings generated on or after January 1, 1998, the imputation credits allocable to the Bank's ROC resident shareholders are calculated on the basis of the creditable ratio as of the date of dividend distribution.

The Bank had no unappropriated earnings generated before January 1, 1998.
c. The estimated receivables/payables resulting from the use of the linked-tax system on the Bank's consolidated tax returns were as follows:

|  | June 30, <br> $\mathbf{2 0 1 7}$ | December 31, <br> $\mathbf{2 0 1 6}$ | June 30, <br> $\mathbf{2 0 1 6}$ |
| :--- | :---: | :---: | :---: |
| Tax paid to the parent company | $\underline{\$ 352,595}$ | $\underline{\$ 379,060}$ | $\underline{\$ 283,330}$ |
| Tax charge for the parent company | $\underline{\$ 13,230}$ | $\underline{\$}-$ | $\underline{\$}$ |

d. Income tax assessments

Since 2015, the Bank used the linked-tax system in filing together its income tax and unappropriated earnings returns and those of its parent company and eligible subsidiaries.

The income tax returns of CDIB Management Consulting Corporation, CDC Finance \& Leasing Corporation through 2015 had been examined by the tax authorities and the Bank, formerly Cosmos Insurance Brokers Co., Ltd. through 2014 had been examined by the tax authorities.

## 37. EARNINGS PER SHARE




## 38. RELATED-PARTY TRANSACTIONS

The significant transactions and relationship with related parties (in addition to those disclosed in other notes) are summarized below:
Related Party
China Development Financial Holding Corporation
CDIB Capital Group
KGI Securities Co., Ltd.
Others

Relationship with the Bank and Subsidiaries

Parent company
Subsidiary of the parent company
Subsidiary of the parent company
Other related parties
a. Due from banks (recognized as cash and cash equivalents)

June 30, 2017
December 31, 2016
June 30, 2016

Amount \%
\$ $167,135 \quad 2$
234,544 3
115,458

For the three and six months ended June 30, 2017 and 2016, the interest revenue from due from banks were $\$ 0$ thousand.
b. Future contracts (recognized as cash and cash equivalents, financial assets at FVTPL)

June 30, 2017
December 31, 2016
June 30, 2016
c. Credit card (recognized as receivable, net)

June 30, 2017
December 31, 2016
June 30, 2016

Amount
$\%$ \$ 794,522 18,005 18,004

|  | Amount |
| :--- | :---: |
| June 30, 2017 | \% |
| December 31, 2016 | 28,277 |
| June 30, 2016 | 16,619 |

d. Receivables on securities sold (recognized as receivables, net)

December 31, 2016
Amount
$\%$
\$ 18,039
June 30, 2016
62,648
e. Receivables from parent (recognized as current tax assets)

Parent company
June 30, 2017
Amount \%
\$ 13,230

The receiver resulted from CDFH and its eligible subsidiaries adopting the linked-tax system in the filing of tax returns.
f. Discounts and loans, net

|  | Amount | \% | Interest Rate <br> $(\%)$ |
| :--- | ---: | :---: | :---: |
| June 30, 2017 |  |  |  |
| December 31, 2016 | $\$ 883,253$ | - | $1.54-15.00$ |
| June 30, 2016 | 912,472 | - | $1.54-15.00$ |
|  | 832,956 | - | $1.62-15.00$ |

For the three and six months ended June 30, 2017 and 2016, the interest revenues from discounts and loans were $\$ 3,534$ thousand, $\$ 4,009$ thousand, $\$ 7,217$ thousand and $\$ 8,298$ thousand, respectively.

Balance as of June 30, 2017
(In Thousands of New Taiwan Dollars)

| Category | Number of Accounts or Name of Related Party | Highest Balance |  | Ending Balance |  | Normal |  | Overdue |  | Type of Collateral | Was the Transaction Conducted at Arm's Length |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Consumer loans | 31 | \$ | 20,180 | \$ | 15,958 | \$ | 15,958 | \$ | - | None | Yes |
| Residential mortgage loans | 63 |  | 955,597 |  | 847,786 |  | 847,786 |  | - | Real estate | Yes |
| Others | 13 |  | 24,793 |  | 19,509 |  | 19,509 |  | - | Deposit/real estate | Yes |

Balance as of December 31, 2016
(In Thousands of New Taiwan Dollars)

| Category | Number of Accounts or Name of Related Party | Highest Balance | Ending Balance |  | Normal |  |  |  | Type of Collateral | Was the Transaction Conducted at Arm's Length |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Consumer loans | 42 | \$ 32,490 | \$ | 16,502 | \$ | 16,502 | \$ | - | None | Yes |
| Residential mortgage loans | 78 | 1,227,071 |  | 883,732 |  | 883,732 |  | - | Real estate | Yes |
| Others | 14 | 30,505 |  | 12,238 |  | 12,238 |  | - | Deposit/real estate | Yes |

Balance as of June 30, 2016
(In Thousands of New Taiwan Dollars)

| Category | Number of Accounts or Name of Related Party | Highest Balance | Ending Balance |  | Normal |  | Overdue |  | Type of Collateral | Was the Transaction Conducted at Arm's Length |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Consumer loans | 37 | \$ 27,267 | \$ | 16,368 | \$ | 16,368 | \$ | - | None | Yes |
| Residential mortgage loans | 68 | 1,110,643 |  | 807,281 |  | 807,281 |  | - | Real estate | Yes |
| Others | 10 | 22,056 |  | 9,307 |  | 9,307 |  | - | Deposit/real estate | Yes |

g. Purchase and sale of bonds

| Purchase of | Sale of <br> Bonds |
| :---: | :---: |
| Bonds |  |

For the six months ended June 30, 2017
Subsidiary of the parent company
\$ 2,332,059
\$ 1,845,381

For the six months ended June 30, 2016
Subsidiary of the parent company
3,423,022
$1,257,954$
h. Guarantee deposits paid (recognized as other assets, net)

Amount
$\%$

| June 30, 2017 | $\$ 21,137$ |
| :--- | ---: |
| December 31, 2016 | 20,186 |
| June 30, 2016 | 18,541 |

i. Call loans from banks (recognized as deposits from the Central Bank and banks)

| June 30, 2017 | December 31, 2016 | June 30, 2016 |
| :---: | :---: | :---: |
| Amount \% | Amount \% | Amount \% |

Other related
$\begin{array}{lllllllll}\text { parties } & \$ 4,500,000 & 16 & \$ 4,322,790 & 14 & \$ & 322,860 & 2\end{array}$
For the three and six months ended June 30, 2017 and 2016, the interest expense for call loans from banks were $\$ 4,675$ thousand, $\$ 772$ thousand, $\$ 6,382$ thousand and $\$ 915$ thousand, respectively.
j. Payables to parent (recognized as current tax liabilities)

|  | June 30, 2017 |  |  | December 31, 2016 |  |  | June 30, 2016 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | mount | \% |  | mount | \% |  | mount | \% |
| Parent company | \$ | 352,595 | 100 | \$ | 379,060 | 99 | \$ | 283,330 | 98 |

The payables resulted from CDFH and its eligible subsidiaries adopting the linked-tax system in the filing of tax returns.
k. Accrued interest (recognized as payable)

June 30, 2017
December 31, 2016
June 30, 2016

Amount
\$ 25,575
14,443
12,984

1. Deposits

June 30, 2017
December 31, 2016
June 30, 2016

Amount $\% \quad$| Interest Rate |
| :---: |
| $(\%)$ |

(\%)

| $\$ 32,874,769$ | 9 | $0-5.58$ |
| ---: | ---: | ---: |
| $29,060,162$ | 8 | $0-5.80$ |
| $32,399,767$ | 10 | $0-5.80$ |

For the three and six months ended June 30, 2017 and 2016, the interest expenses for deposits were $\$ 42,589$ thousand, $\$ 32,033$ thousand, $\$ 75,425$ thousand and $\$ 66,926$ thousand, respectively.
m. Service fee revenue (recognized as service fee income, net)

|  | For the Three Months Ended June 30 |  |  | For the Six Months Ended June 30 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | nount | \% |  | ount | \% |
| 2017 | \$ | 2,617 | 1 | \$ | 3,726 |  |
| 2016 |  | 3,677 | 1 |  | 4,257 | 1 |

Service fee revenue was comprised of sale fund, the business of trusts and other agency business.
n. Rental income

|  | For the Three Months Ended June 30 |  |  | For the Six Months Ended June 30 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amount |  | \% |  | ount | \% |
| 2017 | \$ | 731 | 2 | \$ | 1,556 | 3 |
| 2016 |  | 892 | 4 |  | 1,679 | 4 |

The rent was based on market prices and receivable monthly.
o. Rental (recognized as other general and administrative expenses)

2017
For the Three Months

| Ended June 30 |
| :---: |
| Amount $\%$ |

For the Six Months Ended June 30
Amount \% Amount \%

2016
\$ 23,486 $\quad 5 \quad \$ 46,971$
5 $\begin{array}{llll}19,687 & 5 & 39,102 & 4\end{array}$

The rent was based on market prices and payable monthly or quarterly.
p. Other general and administrative expenses (Note)

2017
2016
For the Three Months
For the Six Months


Note: These expenses were for the use of the subsidiary of the parent company's workplace, IT equipment, financial consulting expense of issuing bank debentures and etc.
q. Outstanding derivative financial instruments

June 30, 2017
(In Thousands of New Taiwan Dollars)

| Related Party | Contract Type | Contract Period | Contract Amount | Valuation Gain (Loss) | Balance Sheet |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Account | Balance |
| Other related parties | Interest rate swap contracts | $\begin{array}{\|c} \hline \text { March 17, } 2017 \text { - } \\ \text { April 7, } 2047 \\ \hline \end{array}$ | \$ 11,565,680 | \$ (119,769) | Financial liabilities at FVTPL | \$ 119,769 |
| Subsidiaries of the parent company | Asset swap-interest rate swap contracts | March 23, 2016- $\quad$ March 10, 2019 | 576,540 | 11,983 | Financial assets at FVTPL | 16,325 |
|  | Asset swap-option contracts | March 23, 2016- February 10, 2019 | 576,540 | $(49,218)$ | Financial liabilities at FVTPL | 54,299 |
|  | Interest rate swap contracts | November 4, 2016 - <br> January 24, 2020 | 973,952 | 2,112 | Financial liabilities at FVTPL | 2,573 |
|  |  |  |  |  | Financial assets at FVTPL | 565 |

December 31, 2016
(In Thousands of New Taiwan Dollars)

| Related Party | Contract Type | Contract Period | Contract <br> Amount |  | Valuation <br> Gain (Loss) |  | Balance Sheet |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Account | Balance |  |
| Subsidiaries of the parent company | $\begin{array}{\|l\|} \hline \text { Asset swap-interest } \\ \text { rate swap } \\ \text { contracts } \\ \hline \end{array}$ | $\begin{gathered} \hline \text { January 5, } 2016 \text { - } \\ \text { June 3, } 2019 \end{gathered}$ | \$ | 114,000 |  |  | \$ | 3,883 | Financial assets at FVTPL | \$ | 4,342 |
|  | Asset swap-option contracts | $\begin{gathered} \hline \text { January } 5,2016- \\ \text { May } 20,2019 \\ \hline \end{gathered}$ |  | 114,000 |  | 2,020 | Financial liabilities at FVTPL |  | 5,081 |
|  | Interest rate swap contracts | November 4, 2016 - October 27, 2019 |  | 710,138 |  | $(4,120)$ | Financial liabilities at FVTPL |  | 4,120 |

June 30, 2016
(In Thousands of New Taiwan Dollars)

| Related Party | Contract Type | Contract Period | Contract Amount | Valuation Gain (Loss) | Balance Sheet |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Account | Balance |
| Other related parties | Currency swap contracts | $\begin{aligned} & \text { July 9, 2015- } \\ & \quad \text { November 17, } 2016 \end{aligned}$ | \$ 1,285,320 | \$ 7,817 | Financial assets at FVTPL | \$ 9,978 |
|  |  |  |  |  | Financial liabilities at FVTPL | 14,057 |
| Subsidiaries of the parent company | Asset swap-interest rate swap contracts | January 5, 2016- June 3, 2019 | 152,500 | 6,425 | Financial assets at FVTPL | 6,884 |
|  | Asset swap-option contracts | $\begin{gathered} \hline \text { January 5, } 2016 \text { - } \\ \text { May 20, } 2019 \\ \hline \end{gathered}$ | 152,500 | $(2,633)$ | Financial liabilities at FVTPL | 9,735 |
|  | Currency swap contracts | $\begin{array}{r} \hline \text { June 3, 2016- } \\ \text { July 7, } 2016 \\ \hline \end{array}$ | 75,619 | 71 | Financial assets at FVTPL | 71 |

r. Compensation of key management personnel

| For the Three Months Ended <br> June 30 |  |
| :---: | :---: | | For the Six Months Ended |
| :---: |
| June 30 |

Salary and short-term employee
benefits
Post-employment benefits
Share-based payment

$$
\begin{array}{r}
\$ 40,153 \\
590 \\
241 \\
\hline
\end{array}
$$

\$ 40,984
\$ 40,004
\$ 78,945
$\$ 75,086$

In addition to the above, the Bank also paid housing rental, car rental and drivers' salaries, $\$ 1,634$ thousand, $\$ 1,735$ thousand, $\$ 3,375$ thousand and $\$ 3,636$ thousand for the three and six months ended June 30, 2017 and 2016, respectively.

The terms of transactions with related parties were similar to those for third parties, except for certain preferential interest rate on deposits for the Bank's employees with limited deposit amounts.

Based on Articles 32 and 33 of the Banking Act, except for consumer loans and government loans, credits extended by the Bank to any related party were fully secured, and the other terms for these credits were similar to those for third parties.

## 39. PLEDGED ASSETS

The assets pledged as collaterals of the Bank and subsidiaries were as follows:

| Assets | Object | Purpose |  | June 30, 2017 |  | $\begin{gathered} \text { ecember 31, } \\ 2016 \end{gathered}$ |  | June 30, 2016 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Due from the Central Bank and call loans to banks | Certificates of deposit issued by the Central Bank | As collaterals for day-term overdraft and US dollar liquidation and other transactions of the guarantee | \$ | 10,830,000 | \$ | 21,230,000 | \$ | 20,895,000 |
| Financial assets at fair value through profit or loss | Government bonds | Guarantees for provisional seizure |  | 1,020 |  | - |  |  |
| Lease receivables | Notes receivable | Commercial paper payable and short-term borrowing |  | 2,568,792 |  | 2,983,362 |  | 3,391,789 |
| Available-for-sale financial assets | Government bonds | Guarantees for provisional seizure |  | 23,548 |  | 23,389 |  | 20,774 |
| Available-for-sale financial assets | Government bonds | Guarantees and provisions |  | 156,667 |  | 155,249 |  | 162,401 |
| Available-for-sale financial assets | Negotiable certificates of deposits | US dollar liquidation and other transactions of the guarantee |  | 7,300,704 |  | - |  |  |
| Property and equipment | Property | Commercial paper payable and short-term borrowing |  | 13,087 |  | 13,244 |  | 13,400 |
| Investment property, net | Investment property | Commercial paper payable and short-term borrowing |  | 42,224 |  | 42,901 |  | 43,578 |
| Other financial assets | Time deposits | Short-term borrowing |  | 1,300 |  | 1,300 |  | 1,300 |
| Other assets | Cash in banks impound account | Commercial paper payable and short-term borrowing |  | 45,595 |  | 48,012 |  | 40,123 |

## 40. COMMITMENTS AND CONTINGENCIES

a. In response to rapid business development, changes in external regulations and IT demands for innovative products and enhanced IT service levels, the Bank planned to outsource its IT operations. Thus, in their meeting held on October 30, 2012, the board of directors approved the plan to outsource the Bank's IT operations to International Business Machines Corp., Taiwan (IBM Taiwan) for the next 10 years, starting from October 31, 2012. Throughout the validity period of the IT outsourcing contract, in addition to paying for extra services in accordance with professional rates, the Bank has to pay, starting from June 30, 2017, annual service fees for the basic framework, support service, IT application service and integration and transformation of its server and so on, with the service fees totaling $\$ 797,225$ thousand for the remaining years.
b. In December 2012, a third party regards the property rights of Dun Nan buildings as fraudulently infringing upon the rights of the creditors (credit litigation amounted to $\$ 481,157$ thousand). On February 14, 2014, although the Taipei District Court has adjudicated that the Bank has lost the lawsuit and has to return the amount received $\$ 1,786,318$ thousand for re-allocation. The Bank has appealed against this sentence on March 10, 2014. The court has revoked the original adjudication and rejected the third party appeal on July 26, 2017. The third party filed appeal in the appeal period.

## 41. FAIR VALUE AND HIERARCHY INFORMATION

a. The fair value hierarchy of financial instruments is defined as follows:

1) Level I fair values are quoted prices in active markets for financial instruments.
2) Level II fair values are those directly or indirectly observable inputs other than Level I quoted prices, such as the quoted prices of similar financial instruments in less active markets or price estimates arrived at through pricing models that use inputs such as interest rates, which are derived from or can be corroborated by observable market data.
3) Level III refers to inputs that are not based on observable market data.
b. Financial instrument measured at fair value
4) The fair value hierarchy of financial instruments measured at fair value is as follows:

June 30, 2017

|  | Level I |  | Level II |  | (In Thousands of New Taiwan Dollars) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Level III |  | Total |
| Measured on a recurring basis |  |  |  |  |  |  |  |  |
| Non-derivative financial instruments |  |  |  |  |  |  |  |  |
| Assets |  |  |  |  |  |  |  |  |
| Financial assets at FVTPL |  |  |  |  |  |  |  |  |
| Financial assets held for trading |  |  |  |  |  |  |  |  |
| Bond investments | \$ | 5,274,420 |  |  | \$ |  | \$ | - |  | 5,274,420 |
| Commercial paper investments |  |  |  | 5,157,706 |  | - |  | 5,157,706 |
| Others |  | 148,995 |  | - |  | - |  | 148,995 |
| Financial assets designated as at |  |  |  |  |  |  |  |  |
| Available-for-sale financial assets |  |  |  |  |  |  |  |  |
| Stock investments |  | 5,682,852 |  | - |  | - |  | 5,682,852 |
| Bond investments |  | 56,265,012 |  | 56,690,722 |  | - |  | 112,955,734 |
| Negotiable CDS |  | - |  | 25,802,540 |  | - |  | 25,802,540 |
| Liabilities |  |  |  |  |  |  |  |  |
| Financial liabilities at FVTPL |  |  |  |  |  |  |  |  |
| Financial liabilities designated as at |  |  |  |  |  |  |  |  |
| Derivative financial instruments |  |  |  |  |  |  |  |  |
| Assets |  |  |  |  |  |  |  |  |
| Financial assets at FVTPL |  | 337,692 |  | 18,074,746 |  | 64,708 |  | 18,477,146 |
| Liabilities |  |  |  |  |  |  |  |  |
| Financial liabilities at FVTPL |  | - |  | 24,500,900 |  | 138,547 |  | 24,639,447 |

December 31, 2016

|  | Level I | Level II | Level III | Total |
| :---: | :---: | :---: | :---: | :---: |
| Measured on a recurring basis |  |  |  |  |
| Non-derivative financial instruments |  |  |  |  |
| Assets |  |  |  |  |
| Financial assets at FVTPL |  |  |  |  |
| Financial assets held for trading |  |  |  |  |
| Bond investments | \$ 27,993,775 | \$ 246,664 | \$ | \$ 28,240,439 |
| Commercial paper investments | - | 2,797,870 | - | 2,797,870 |
| Others | 3,849 | - | - | 3,849 |
| Financial assets designated as at |  |  |  |  |
| Available-for-sale financial assets |  |  |  |  |
| Stock investments | 4,801,347 | - | - | 4,801,347 |
| Bond investments | 37,816,486 | 46,104,213 | - | 83,920,699 |
| Liabilities |  |  |  |  |
| Financial liabilities at FVTPL |  |  |  |  |
| Financial liabilities designated as at |  |  |  |  |
| Derivative financial instruments |  |  |  |  |
| Assets |  |  |  |  |
| Financial assets at FVTPL | - | 25,256,903 | 177,705 | 25,434,608 |
| Liabilities |  |  |  |  |
| Financial liabilities at FVTPL | - | 27,281,713 | 234,417 | 27,516,130 |

June 30, 2016

|  | Level I | Level II | (In Thousands of New Taiwan Dollars) |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  | Level III | Total |
| Measured on a recurring basis |  |  |  |  |
| Non-derivative financial instruments |  |  |  |  |
| Assets |  |  |  |  |
| Financial assets at FVTPL |  |  |  |  |
| Financial assets held for trading |  |  |  |  |
| Bond investments | \$ 25,931,143 | \$ | \$ | \$ 25,931,143 |
| Others | 69,786 | - | - | 69,786 |
| Financial assets designated as at |  |  |  |  |
| Available-for-sale financial assets |  |  |  |  |
| Stock investments | 5,816,327 | - | - | 5,816,327 |
| Bond investments | 27,142,414 | 26,495,874 | 323,758 | 53,962,046 |
| Liabilities |  |  |  |  |
| Financial liabilities at FVTPL |  |  |  |  |
| Financial liabilities designated as at |  |  |  |  |
| Derivative financial instruments |  |  |  |  |
| Assets |  |  |  |  |
| Financial assets at FVTPL | 1,042 | 17,563,600 | 173,271 | 17,737,913 |
| Liabilities |  |  |  |  |
| Financial liabilities at FVTPL | - | 20,594,338 | 277,563 | 20,871,901 |

2) Basis of fair value determination

For financial assets and liabilities at fair value through profit or loss, and available-for-sale financial assets, fair value is determined at quoted market prices. When market prices of the Bank's various financial instruments are not readily available, fair values are estimated by using appropriate valuation models or other banks' transaction prices. The information used by the Bank for fair value estimation is consistent with that generally used in the market, and the pricing models used are commonly recognized by the industry as helpful tools in determining fair value. Related framework of the methodology can be outlined as analytical solution model (such as Black-Scholes model) and numeric model (such as Monte Carlo simulation).
3) Fair value adjustment
a) The limitation of valuation techniques and uncertain inputs

Valuation techniques incorporate assumptions that depend on the instrument type and available market data. However, certain inputs used in valuation techniques may be less readily determinable. In these circumstances, a valuation model would use additional parameters and/or model assumptions-model risk, liquidity risk, and so on to make fair value adjustments. Thus, on the basis of its valuation management policies and relevant control procedures, the Bank's management considers valuation adjustments as necessary and appropriate. For the Bank to make appropriate valuation adjustments, all parameters and price information are evaluated thoroughly and market conditions are taken into consideration.
b) Credit risk valuation adjustment

Credit risk valuation adjustment consists of credit valuation adjustment and debit valuation adjustment.

The credit valuation adjustment is an adjustment to the valuation of OTC derivative contracts to reflect within fair value the possibility that the counterparty may default and that the Corporation may not receive the full market value of the transactions.

The debit valuation adjustment is an adjustment to the valuation of OTC derivative contracts to reflect within fair value the possibility that the Corporation may default, and that the Corporation may not pay full market value of the transactions.

The Bank does credit valuation adjustment using probability of default (PD) multiplied by loss given default (LGD) multiplied by exposure at default (EAD).

To estimate the PD to be used as basis for the allowance for doubtful accounts, the Bank refers to the ratings published by international credit rating institutions, valuation models and valuation method specified in IAS 39.

For EAD calculation, the market values of OTC derivative instruments are estimated in calculating EAD. The Bank uses PD no lower than $60 \%$.

The above parameters used in risk valuation adjustment that is based on the fair values of financial instruments reflect the credit risks of counterparties and the credit quality of the Bank.
4) Transfer between Level I and Level II

\begin{tabular}{|c|c|c|c|c|}
\hline \multirow[t]{2}{*}{} \& \multicolumn{2}{|l|}{For the Six Months Ended June 30, 2017} \& \multicolumn{2}{|l|}{For the Six Months Ended June 30, 2016} <br>
\hline \& Transfer from Level I to Level II \& Transfer from Level II To Level I \& Transfer from Level I to Level II \& Transfer from Level II to Level I <br>
\hline Bond investments Financial assets at FVTPL Available-for-sale financial \& 8,225,907 \& $$
1,330,449
$$ \& $$
\begin{array}{rr}
\$ & 234,124 \\
7,310,415
\end{array}
$$ \& \$ 1,289,860

938,080 <br>
\hline
\end{tabular}

Because of changes in market liquidity, evaluation sources applied by some NTD government bonds will change. It makes the applicable level of bonds' fair value change from Level I into Level II or from Level II into Level I.
5) Reconciliation of Level III items of financial instruments

The movements of Level III financial assets were as follows:

For the Six Months Ended June 30, 2017
(In Thousands of New Taiwan Dollars)


For the Six Months Ended June 30, 2016
(In Thousands of New Taiwan Dollars)


Note: Valuation method of part of the financial assets at FVTPL of the Bank changed from quoted price of prior party to observable data model, resulting Level III securities turn into Level II securities.

The movements of Level III financial liabilities were as follows:

For the Six Months Ended June 30, 2017
(In Thousands of New Taiwan Dollars)

(In Thousands of New Taiwan Dollars)


Note: Valuation method of part of the financial liabilities at FVTPL of the Bank changed from quoted price of prior party to observable data model, resulting Level III securities turn into Level II securities.

The total gains and losses were loss of $\$ 4,792$ thousand, gain of $\$ 3,648$ thousand, loss of $\$ 12,265$ thousand and gain of $\$ 18,622$ thousand on the assets and liabilities held for the three and six months ended June 30, 2017, and 2016 respectively.
6) Quantitative information about significant unobservable inputs (Level III) used in the fair value measurement

The table below lists quantitative unobservable inputs of Level III financial instruments:

|  |  | Value at $\mathbf{3 0 , 2 0 1 7}$ | Valuation Technique(s) | Significant Unobservable Inputs | Interval | The Relationship Between Inputs and Fair Value |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Measured on a recurring basis |  |  |  |  |  |  |
| Derivative financial instruments |  |  |  |  |  |  |
| Financial assets at FVTPL | \$ | 64,708 | HullWhite, Libor market model, discounted cash flow | Quality/factor FREQ/simulate method | Adjusted daily based on market information | Inputs of parameters do not contain linear relation, which analyzed by comparing correctness, stability, rationality, efficiency of performance and other different aspects of the outcome. Then the Bank select the applicable one according to the analysis. |
| Financial liabilities at FVTPL |  | 138,547 | HullWhite, Libor market model, discounted cash flow | Quality/factor FREQ/simulate method | Adjusted daily based on market information | Inputs of parameters do not contain linear relation, which analyzed by comparing correctness, stability, rationality, efficiency of performance and other different aspects of the outcome. Then the Bank select the applicable one according to the analysis. |


|  | Fair Value at December 31, 2016 | Valuation Technique(s) | Significant Unobservable Inputs | Interval | The Relationship Between Inputs and Fair Value |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Measured on a recurring basis |  |  |  |  |  |
| Derivative financial instruments |  |  |  |  |  |
| Financial assets at FVTPL | \$ 177,705 | HullWhite, Libor market model, discounted cash flow | Quality/factor FREQ/simulate method | Adjusted daily based on market information | Inputs of parameters do not contain linear relation, which analyzed by comparing correctness, stability, rationality, efficiency of performance and other different aspects of the outcome. Then the Bank select the applicable one according to the analysis. |
| Financial liabilities at FVTPL | 234,417 | HullWhite, Libor market model, discounted cash flow | Quality/factor FREQ/simulate method | Adjusted daily based on market information | Inputs of parameters do not contain linear relation, which analyzed by comparing correctness, stability, rationality, efficiency of performance and other different aspects of the outcome. Then the Bank select the applicable one according to the analysis. |


|  | Fair Value at June 30, 2016 | Valuation Technique(s) | Significant Unobservable Inputs | Interval | The Relationship <br> Between Inputs and Fair Value |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Measured on a recurring basis |  |  |  |  |  |
| Non-derivative financial instruments |  |  |  |  |  |
| Available-for-sale financial assets Bond investments | \$ 323,758 | Discounted cash flow | Credit spread | Adjusted daily based on market information | When credit spread or yields rate is higher, fair value is lower. |
| Derivative financial instruments |  |  |  |  |  |
| Financial assets at FVTPL | 173,271 | HullWhite, Libor market model, discounted cash flow | Quality/factor FREQ/simulate method | Adjusted daily based on market information | Inputs of parameters do not contain linear relation, which analyzed by comparing correctness, stability, rationality, efficiency of performance and other different aspects of the outcome. Then the Bank select the applicable one according to the analysis. |
| Financial liabilities at FVTPL | 277,563 | HullWhite, Libor market model, discounted cash flow | Quality/factor FREQ/simulate method | Adjusted daily based on market information | Inputs of parameters do not contain linear relation, which analyzed by comparing correctness, stability, rationality, efficiency of performance and other different aspects of the outcome. Then the Bank select the applicable one according to the analysis. |

7) Pricing process of Level III fair value

The Bank's risk management department is responsible for the pricing process of Level III fair value. The pricing models and conditions assumed are conform to market practice; the basis of the theory are commonly recognized by the industry as a basis of valuation in conducting measurement of fair value. Further, the department confirms whether the sources of the information are independent or not, reasonably reflecting the prices in normal circumstances, and examines and adjusts fair value periodically to insure results of the valuation is reasonable.
c. Fair value of the instruments not carried at fair value

1) Assets and liabilities measured at cost, excluding investment properties, bank debentures payable and debt instruments with no active market, have carrying amounts that are reasonably close to their fair value or their fair value cannot be measure reliably; thus, their fair values are not disclosed.
2) Information of fair value hierarchy

June 30, 2017
(In Thousands of New Taiwan Dollars)
Level I Level II Level III Total

## Financial assets

Debt instruments with no active market \$
\$

Non-financial assets
$\begin{array}{lllll}\text { Investment properties } & - & - & 990,999 & 990,999\end{array}$
Financial liabilities
Bank debentures payable

- $3,715,655$

3,715,655

December 31, 2016
(In Thousands of New Taiwan Dollars)
Level I Level II Level III Total

Financial assets
Debt instruments with no active market

Non-financial assets
Investment properties
886,233
886,233
Financial liabilities
Bank debentures payable
2,672,291
2,672,291
June 30, 2016
(In Thousands of New Taiwan Dollars)
Level I Level II Level III Total
Non-financial assets

Financial liabilities
Bank debentures payable
2,632,119
2,632,119
3) Valuation techniques
a) Because the maturity date is close to the balance sheet date, the fair value of the financial assets can be reasonably estimated by referring to their book value in the balance sheet. The technique applies to cash and cash equivalent, due from the Central Bank and call loans to banks, securities purchased under resell agreements, receivables, other financial assets, guarantee deposits paid, deposits from the Central Bank and banks, notes and bonds issued under repurchase agreements, payables, deposits and remittances, other financial liabilities and guarantee deposits received, etc.
b) Investments accounted for using the equity method - unlisted stocks and financial assets measured at cost both are unlisted financial assets, which have no quoted market prices in an active market owing to the variation interval of the estimate of the fair value is not quite small and the possibilities of the estimates in the interval cannot be assessed reasonably. The fair value cannot be reliably measured; thus, the Bank and subsidiaries do not disclose their fair value.
c) The floating rates are usually adopted as the interest of the loan, which reflects market interest; thus, it is reasonable to estimate the fair value of a loan by referring to its book value together with the consideration in the collectability.
d) Due to the lack of quoted market price in an active market, the fair value of debt instruments with no active market is estimated by referring to quoted price of counter-parties.
e) The fair value of the payables of the Bank debenture is estimated by referring to the discounted expected cash flow, of which the discount rate is reference to interest rates with similar maturity date.
f) For valuation technique of investment property, refer to Note 16.

## 42. FINANCIAL RISK MANAGEMENT

a. Risk management policies and framework

The Bank has an appropriate risk management system covering market, credit and operating risks and follows risk management procedures.

The Bank also analyzes, monitors and prepares reports on overall risk management. These reports are submitted to senior managements and to committees or board members with risk management functions. Updates on actual risks encountered when there are significant changes in macroeconomic conditions or in the financial market are generated for more effective risk monitoring and handling.

The Bank's risk management focuses not only on individual departments but also the overall impact of risks on a corporate level.

The Bank identifies risks using consistent standard asset portfolio classifications, with classifications correlating with each other, and establishes a consistent measure applicable to the different types of exposure.

The Bank's risk management groupings are as follows:

1) Board of directors

The Bank's board of directors supervises the operation of a risk management structure and promotes a risk management culture, ensures the efficiency of risk management, reviews important risk control reports and bears the ultimate responsibility for risk management.
2) Risk management committee

The risk management committee supervises the implementation of risk management policies, inspects risk control reports and deals with related issues.
3) Business and management department

The department is responsible for ensuring compliance with risk management regulations while conducting operations to control daily risks.
4) Risk management department

The risk management department is a unit independent from operating departments and is in charge of risk management planning and system operation and providing overall risk management information to senior management and the board of directors.

## 5) Audit department

The department is in charge of establishing all risk mechanisms and auditing the implementation of and compliance with these mechanisms.

Risk management is a joint duty of all the Bank's departments - business, legal, regulatory compliance, finance, accounting, administration, operating, audit department and so on, that should be done diligently through interdepartmental coordination in overall risk management.
b. Credit risk

1) Definition and source of credit risk

Credit risk is the risk of financial loss to the Bank if a creditor or counterparty fails to meet its contractual obligations or has negative changes in its credit quality. Credit risk management covers all operating activities that involve credit risk, including loans, call loans to banks, banking book securities investment, financial derivatives, repurchase agreement transactions and other operating activities.
2) Credit risk management policy

The Bank has standard control procedures for credit risk identification, measurement, and generation of disclosures and reports to be used for a rational identification, measurement, disclosure, and effective control of credit risk. These procedures include applying standard screening criteria for target clients, credit investigations for credit approval or rejection, careful deliberation of applications for certain exceptions, credit review, management of non-performing loans and requests, and control over all related documents and information. The Bank also adjusts the credit risk structure accordingly so that credit portfolios are within the Bank's risk appetite. Further, the Bank assesses the changes in the economy to adjust risk structure and develops strategies in response to these changes to alleviate shareholders' value and ensure the risk is bearable.

Based on the risk management policies, the management process is carried out as follows:
a) Credit investigation

In screening target clients, the Bank asks for all the necessary documents from the clients in order to get their backgrounds accurately and control credit portfolios within the acceptable range.
b) Credit approval

Cases that have passed the credit investigation are reviewed by the credit authority of each level. The credit authorities approve credits in accordance with the Bank's credit limit structure and authorization policies. The Bank's credit approval structure and policies are based not only on the Banking Act and other government rules for credit extended to the same person or affiliated enterprises/groups, industry and country, but also on the professionalism of the Bank's credit authorities and the quality of asset control. The amounts of credit authorized are reviewed by the credit authorities occasionally.
c) Post-lending loan review

The corporate banking segment of the Bank tracks the borrowers' financial and business conditions, generates risk assessment reports on credit asset portfolios regularly, operates a risk warning system and adjusts business development strategies as needed to cope with economic conditions and changes in asset quality through the use of an account management scheme and a regular-reassessment system. For delinquent loans, the Bank uses the concentration management method, together with information systems and analysis models, to conduct regular loan reviews for the enhanced management of overdue loans and expedite the collection of nonperforming loans.
d) Risk report and information disclosures

The risk management department is responsible for measuring risk, preparing quarterly risk report, including all risk management index and risk capital requirement assessment and reporting to risk management committee and board of directors.
3) Mitigation of risks or hedging of credit risk

Considering the asset hedge market and liquidity, the Bank takes the necessary risk reduction strategies, mainly on loan objects and hedge transactions involving assets with doubtful collectability or a long period of duration, including methods for increasing appropriate collaterals with good liquidity, or transferring to credit guarantee institutions such as the Small and Medium Credit Guarantee Fund to maximize the collateral. For determining the value of foreclosed collaterals, liquid securities will be evaluated at their market value; other collaterals will be subject to field surveys by appraisal firms for their fair value assessment, which will be used as a basis for demanding additional collaterals or adjusting the credit amount to ensure that risks are within the Bank's tolerance range.

If clients are found to have bad credit features, the Bank will strengthen the monitoring of the credit of borrower and guarantor and take measures, such as demanding an early repayment or additional collateral in mitigating the Bank's credit risk. In addition, the Bank sets different credit limits for counterparties involved in derivative transactions and enters into collateral support agreements with counterparties to ensure that risks are under control.
4) Maximum exposure to credit risk

Without taking collateral or other credit enhancements mitigation effect into account, the maximum exposure to credit risk from on-balance sheet financial assets was equal to their carrying values; the maximum exposure of credit risk from off-balance sheet financial instruments was as follows:

## Items

| June 30, | December 31, | June 30, |
| :---: | :---: | :---: |
| 2017 | 2016 | 2016 |

Irrevocable loan commitments, guarantees and letters of credit issued yet unused $\$ 95,331,346 \quad \$ 102,215,434 \quad \$ 103,257,060$

The Bank believes that stringent selection processes and conducting regular review afterwards are the reasons why they can continuously control and minimize the credit risk exposure from their off-balance sheet items.

The Bank's pledged collaterals associated with credit include discounts, loans and receivables which contain real estate, properties (e.g. Machinery), rights certificates and securities (e.g. Certificates of deposit, stocks), notes receivable arose from borrowing of business transactions, deposits guaranteed by authorities of treasury department of government, banks or guarantee institutions authorized by government (e.g. SME credit guarantee fund and standby letter of credit) and mortgages set in accordance with the laws including registration of land rights. Financial assets held by the Bank are part of corporate bonds guaranteed by financial institutions as credit enhancement.

## 5) Concentration of credit risk

Concentrations of credit risk arise when a number of counterparties or exposure have comparable economic characteristics, or such counterparties are engaged in similar activities, or operate in the same geographical areas or industry sectors, so that their collective ability to meet contractual obligations is uniformly affected by changes in economic or other conditions.

Credit risk concentration can arise in a bank's assets, liabilities, or off-balance sheet items through the execution or processing of transactions (either product or service), or through a combination of exposures across these broad categories. It includes credits, due from and call loans to banks, investments, receivables and derivatives. To manage credit risk concentration, the Bank maintains a diversified portfolio and monitors its exposure continually. The Bank's most significant concentrations of credit risk are summarized as follows:
a) By industry

|  | June 30, 2017 |  | December 31, 2016 |  | June 30, 2016 |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Amount | $\%$ | Amount | $\%$ | Amount | \% |
|  | $\$ 191,474,950$ | 68.30 | $\$ 173,659,505$ | 67.87 | $\$ 158,911,694$ | 67.21 |
| Natural persons | $88,463,112$ | 31.55 | $81,877,228$ | 32.00 | $77,090,918$ | 32.60 |
| Non-profit organizations | 424,900 | 0.15 | 342,811 | 0.13 | 451,063 | 0.19 |
| Total | $\$ 280,362,962$ | 100.00 | $\$ 255,879,544$ | 100.00 | $\$ 236,453,675$ | 100.00 |

b) By region

|  | June 30, 2017 |  | December 31, 2016 |  | June 30, 2016 |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Amount | $\%$ | Amount | $\boldsymbol{\%}$ | Amount | $\boldsymbol{\%}$ |
| Domestic | $\$ 216,552,179$ | 77.24 | $\$ 199,963,503$ | 78.15 | $\$ 190,535,253$ | 80.58 |
| Overseas | $63,810,783$ | 22.76 | $55,916,041$ | 21.85 | $45,918,422$ | 19.42 |
| Total | $\$ 280,362,962$ | 100.00 | $\$ 255,879,544$ | 100.00 | $\$ 236,453,675$ | 100.00 |

c) By collateral

|  | June 30, 2017 |  | December 31, 2016 |  | June 30, 2016 |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Amount | $\%$ | Amount | $\%$ | Amount | $\%$ |
| Credit | $\$ 174,223,298$ | 62.14 | $\$ 159,432,165$ | 62.31 | $\$ 149,359,982$ | 63.17 |
| Secured |  |  |  |  |  |  |
| $\quad$ Financial collaterals | $6,959,447$ | 2.48 | $5,533,267$ | 2.16 | $6,219,918$ | 2.63 |
| Real estate | $75,942,543$ | 27.09 | $69,541,082$ | 27.18 | $64,597,744$ | 27.32 |
| Guarantees | $17,172,576$ | 6.13 | $15,837,714$ | 6.19 | $12,337,730$ | 5.22 |
| Other | $6,065,098$ | 2.16 | $5,535,316$ | 2.16 | $3,938,301$ | 1.66 |
| Total | $\$ 280,362,962$ | 100.00 | $\$ 255,879,544$ | 100.00 | $\$ 236,453,675$ | 100.00 |

6) Credit quality and impairment assessment

Some financial assets such as cash and cash equivalents, due from the Central Bank and call loans to banks, securities purchased under resell agreement, parts of receivables, parts of other financial assets, guarantee deposits paid, deposits for business operations and clearing and settlement fund are regarded as having very low credit risk because of the counterparties' good credit ratings.

In addition to the above, the credit analysis of other financial assets was as follows:
a) Credit quality analysis of discounts and loans and receivables

| June 30, 2017 | Neither Overdue Nor Impaired Amount (A) | Overdue But Not Yet Impaired Amount (B) | Impairment <br> Amount (C) | $\begin{gathered} \text { Total } \\ (\mathbf{A})+(\mathbf{B})+(\mathbf{C}) \end{gathered}$ | Loss Recognized (D) |  | Net Total <br> (A) $+(\mathbf{B})+$ <br> (C)-(D) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | With Objective Evidence of Impairment | With No Objective Evidence of Impairment |  |
| Receivables |  |  |  |  |  |  |  |
| Credit card and credit business | \$ 17,487,053 | \$ 43,796 | \$ 59,943 | \$ 17,590,792 | 36,597 | 227,979 | \$ 17,326,216 |
| Other | 9,077,101 | 81,314 | 1,806,046 | 10,964,461 | 1,175,588 | 59,240 | 9,729,633 |
| Discounts and loans | 278,010,677 | 1,285,948 | 1,066,337 | 280,362,962 | 527,767 | 3,245,828 | 276,589,367 |


| December 31, 2016 | Neither Overdue Nor Impaired Amount (A) | Overdue But Not Yet Impaired Amount (B) | Impairment <br> Amount (C) | $\begin{gathered} \text { Total } \\ (\mathbf{A})+(\mathbf{B})+(\mathbf{C}) \end{gathered}$ | Loss Recognized (D) |  | Net Total <br> (A) $+(\mathbf{B})+$ <br> (C)-(D) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | With Objective Evidence of Impairment | With No Objective Evidence of Impairment |  |
| Receivables |  |  |  |  |  |  |  |
| Credit card and credit business | \$ 20,187,004 | \$ 48,726 | \$ 60,944 | \$ 20,296,674 | \$ 36,825 | \$ 274,288 | \$ 19,985,561 |
| Other | 7,908,772 | 98,184 | 1,916,337 | 9,923,293 | 1,328,120 | 75,347 | 8,519,826 |
| Discounts and loans | 253,320,668 | 1,415,205 | 1,143,671 | 255,879,544 | 523,710 | 2,905,962 | 252,449,872 |


| June 30, 2016 | Neither Overdue Nor Impaired Amount (A) | Overdue But Not Yet Impaired Amount (B) | Impairment <br> Amount (C) | Total$(\mathbf{A})+(\mathbf{B})+(\mathbf{C})$ | Loss Recognized (D) |  | Net Total <br> (A) $+(\mathbf{B})+$ <br> (C)-(D) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | With Objective Evidence of Impairment | With No Objective Evidence of Impairment |  |
| Receivables |  |  |  |  |  |  |  |
| Credit card and credit business | \$ 20,155,718 | 38,545 | \$ 80,970 | \$ 20,275,233 | \$ 46,761 | \$ 276,537 | \$ 19,951,935 |
| Other | 9,590,190 | 5,526 | 1,921,168 | 11,516,884 | 1,181,253 | 74,615 | 10,261,016 |
| Discounts and loans | 234,064,790 | 1,381,577 | 1,007,308 | 236,453,675 | 516,718 | 2,750,128 | 233,186,829 |

Note: The total of discounts and loans is the original amount without adjustments for premiums or discounts.
b) The credit analysis of discounts and loans and receivables that were neither overdue nor impaired as shown by rating standards was as follows:

| June 30, 2017 | Neither Overdue Nor Impaired Amount |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Excellent | Good |  | Normal |  | No Ratings |  | Total (A) |  |
| Consumer banking |  |  |  |  |  |  |  |  |  |
| Mortgage loans | \$ 22,290,424 | \$ | 10,009,638 | \$ | 107,393 | \$ | - | \$ | 32,407,455 |
| Cash card | 8,310,077 |  | 2,459,605 |  | 604,522 |  | 2,602,167 |  | 13,976,371 |
| Micro credit loans | 17,076,874 |  | 2,271,340 |  | 147,207 |  | 80,034 |  | 19,575,455 |
| Other - secured | 16,485,188 |  | 1,611,503 |  | 74,363 |  | 47,696 |  | 18,218,750 |
| Other - unsecured | 39,205 |  | - |  | - |  | 2,269 |  | 41,474 |
| Corporate banking |  |  |  |  |  |  |  |  |  |
| Secured | 15,334,282 |  | 19,307,300 |  | 18,909,477 |  | 1,799,945 |  | 55,351,004 |
| Unsecured | 30,728,316 |  | 75,703,835 |  | 29,474,197 |  | 2,533,820 |  | 138,440,168 |
| Total | \$ 110,264,366 | \$ | 111,363,221 | \$ | 49,317,159 | \$ | 7,065,931 | \$ | 278,010,677 |


| December 31, 2016 | Neither Overdue Nor Impaired Amount |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | :---: |
|  | Excellent | Good | Normal | No Ratings | Total (A) |  |
| Consumer banking |  |  |  |  |  |  |
| $\quad$ Mortgage loans | $\$ 20,619,402$ | $\$$ | $7,823,627$ | $\$$ | 60,603 |  |


| June 30, 2016 | Neither Overdue Nor Impaired Amount |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Excellent | Good |  | Normal | No Ratings | Total (A) |
| Consumer banking |  |  |  |  |  |  |
| Mortgage loans | $\$ 18,937,205$ | $\$$ | $7,348,389$ | $\$$ | 9,135 | $\$$ |


| June 30, 2017 | Neither Overdue Nor Impaired Amount |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Excellent |  | Good |  | Normal |  | No Ratings |  | Total (A) |  |
| Credit card and credit business |  |  |  |  |  |  |  |  |  |  |
| Credit card | \$ | 953,794 | \$ | 598,325 | \$ | 663,904 | \$ | 555,081 | \$ | 2,771,104 |
| Accounts receivable - forfaiting |  | 1,817,626 |  | 811,719 |  | - |  | 2,839,499 |  | 5,468,844 |
| Accounts receivable - factoring without recourse |  | 5,391,896 |  | 3,410,653 |  | 71,424 |  | 42,473 |  | 8,916,446 |
| Acceptances |  | - |  | 259,296 |  | 71,363 |  | - |  | 330,659 |
| Total | \$ | 8,163,316 | \$ | 5,079,993 | \$ | 806,691 | \$ | 3,437,053 | \$ | 17,487,053 |


| December 31, 2016 | Neither Overdue Nor Impaired Amount |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Excellent |  | Good |  | Normal |  | No Ratings |  | Total (A) |  |
| Credit card and credit business |  |  |  |  |  |  |  |  |  |  |
| Credit card | \$ | 802,014 | \$ | 561,693 | \$ | 730,325 | \$ | 418,963 | \$ | 2,512,995 |
| Accounts receivable - forfaiting |  | 1,205,206 |  | 3,471,384 |  | - |  | 3,235,994 |  | 7,912,584 |
| Accounts receivable - factoring without recourse |  | 6,479,896 |  | 2,963,430 |  | - |  | 146,658 |  | 9,589,984 |
| Acceptances |  | - |  | 64,383 |  | 107,058 |  | - |  | 171,441 |
| Total | \$ | 8,487,116 | \$ | 7,060,890 | \$ | 837,383 | \$ | 3,801,615 | \$ | 20,187,004 |


| June 30, 2016 | Neither Overdue Nor Impaired Amount |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Excellent |  | Good |  | Normal |  | No Ratings |  | Total (A) |  |
| Credit card and credit business |  |  |  |  |  |  |  |  |  |  |
| Credit card | \$ | 1,002,741 | \$ | 631,067 | \$ | 785,966 | \$ | 377,282 | \$ | 2,797,056 |
| Accounts receivable - forfaiting |  | 7,484,499 |  | 5,846,617 |  | - |  | 1,669,169 |  | 15,000,285 |
| Accounts receivable - factoring without recourse |  | 27,920 |  | 600,619 |  | - |  | 1,371,800 |  | 2,000,339 |
| Acceptances |  | 56,064 |  | 276,553 |  | 25,421 |  | - |  | 358,038 |
| Total | \$ | 8,571,224 | \$ | 7,354,856 | \$ | 811,387 | \$ | 3,418,251 | \$ | 20,155,718 |

c) Credit analysis of marketable securities


Note 1: Available-for-sale financial assets other than the above investment have an initial cost of $\$ 6,080,490$ thousand, loss on valuation of $\$ 397,638$ thousand and accumulated impairment of $\$ 0$ thousand
Note 2: Financial assets measured at cost have an initial cost of $\$ 296,423$ thousand and accumulated impairments of $\$ 40,764$ thousand.


Note 1: Available-for-sale financial assets other than the above investment have an initial cost of $\$ 5,556,000$ thousand, loss on valuation of $\$ 754,653$ thousand and accumulated impairment of $\$ 0$ thousand
Note 2: Financial assets measured at cost have an initial cost of $\$ 296,423$ thousand and accumulated impairments of $\$ 40,764$ thousand

| June 30, 2016 | Neither Overdue Nor Impaired |  |  |  |  | Overdue but Not Yet Impaired Amount (B) | $\begin{aligned} & \text { Impaired } \\ & \text { Amount (C) } \end{aligned}$ | $\begin{gathered} \text { Total } \\ (\mathbf{A})+(\mathbf{B})+(\mathbf{C}) \end{gathered}$ | Loss Recognized (D) | $\begin{aligned} & \text { Net Amount } \\ & \text { (A)+(B)+ } \\ & \text { (C)-(D) } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Excellent | Good | Normal |  | Total (A) |  |  |  |  |  |
| Available-for-sale financial assets - investment in bonds | \$ 53,962,046 | \$ | \$ | \$ | 53,962,046 | \$ - | \$ | \$ 53,962,046 | \$ | \$ 53,962,046 |

Note 1: Available-for-sale financial assets other than the above investment have an initial cost of $\$ 6,550,421$ thousand, loss on valuation of $\$ 734,094$ thousand and accumulated impairment of $\$ 0$ thousand.
Note 2: Financial assets measured at cost have an initial cost of $\$ 296,423$ thousand and accumulated impairments of $\$ 40,764$ thousand.
7) Analysis of overdue but not yet impaired financial assets

Delays in processing borrowers' repayments and other administrative reasons could result in financial assets becoming overdue but not impaired. Based on the Bank's assessment of credits, financial assets overdue within 90 days are not considered impaired unless other evidence proves otherwise.

| Items | June 30, 2017 |  |  |
| :--- | ---: | :---: | :---: |
|  | $\mathbf{1}$ Month | Over 1 Month <br> 3 Months | Total |
| Credit card | $\$ 24,401$ | $\$ 19,395$ | $\$$ |
| Discounts and loans |  |  |  |
| Consumer banking |  |  |  |
| Mortgage loans | 269,707 | 37,025 | 306,732 |
| Cash card | 288,170 | 76,130 | 364,300 |
| Micro credit loans | 339,420 | 72,411 | 411,831 |
| Other - secured | 149,849 | 30,260 | 180,109 |
| Other - unsecured | 150 |  | 150 |
| Corporate banking |  |  |  |
| Secured | 796 | 5,991 | 6,787 |
| Unsecured | 416 | 15,623 | 16,039 |


| Items | December 31, 2016 |  |  |
| :---: | ---: | ---: | :---: |
|  | 1 Month | Over 1 Month <br> 3 Months | Total |
| Credit card | $\$ 23,777$ | $\$ 24,949$ | $\$ 48,726$ |
| Discounts and loans |  |  |  |
| Consumer banking |  |  |  |
| Mortgage loans | 269,849 | 32,498 | 302,347 |
| Cash card | 258,200 | 72,214 | 330,414 |
| Micro credit loans | 306,991 | 69,996 | 376,987 |
| Other - secured | 132,069 | 16,131 | 148,200 |
| Other - unsecured | 236 | - | 236 |
| Corporate banking |  |  |  |
| Secured | 25,493 | 229,889 | 255,382 |
| Unsecured | 618 | 1,021 | 1,639 |


| Items | June 30, 2016 |  |  |
| :---: | ---: | ---: | ---: |
|  | 1 Month | Over 1 Month - <br> 3 Months | Total |
| Credit card | $\$ 20,565$ | $\$ 17,970$ | $\$$ |
| Accounts receivable - factoring without <br> recourse |  |  | 38,535 |
| Discounts and loans | 10 | - |  |
| Consumer banking |  |  | 10 |
| Mortgage loans | 216,459 | 31,795 | 248,254 |
| Cash card | 262,573 | 70,512 | 333,085 |
| Micro credit loans | 359,953 | 57,487 | 417,440 |
| Other - secured | 130,719 | 9,815 | 140,534 |
| Other - unsecured | 307 |  |  |
| Corporate banking |  |  | 307 |
| Secured | 20,953 | 8,205 | 29,158 |
| Unsecured | 182,666 | 30,133 | 212,799 |

8) Analysis of impairment for financial assets

Analysis of impairment for discounts, loans and receivables and accumulated impairments was as follows:

| Items |  | Discounts and Loans |  |  | Allowance for Bad Debts |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | June 30, 2017 | $\begin{gathered} \text { December 31, } \\ 2016 \\ \hline \end{gathered}$ | June 30, 2016 | June 30, 2017 | $\begin{gathered} \hline \text { December 31, } \\ 2016 \\ \hline \end{gathered}$ | June 30, 2016 |
| With objective | Assessment of <br> individual <br> impairment | \$ 341,638 | \$ 376,736 | \$ 216,565 | \$ 101,888 | \$ 72,202 | \$ 83,335 |
| impairment | Assessment of $\begin{aligned} & \text { collective } \\ & \text { impairment }\end{aligned}$ Asesmen | 724,699 | 766,935 | 790,743 | 425,879 | 451,508 | 433,383 |
| With no objective evidence of impairment | Assessment of <br> collective <br> impairment | 279,296,625 | 254,735,873 | 235,446,367 | 3,245,828 | 2,905,962 | 2,750,128 |
| Total |  | 280,362,962 | 255,879,544 | 236,453,675 | 3,773,595 | 3,429,672 | 3,266,846 |


| Items |  | Receivables |  |  | Allowance for Bad Debts |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | June 30, 2017 | $\begin{gathered} \hline \text { December 31, } \\ 2016 \\ \hline \end{gathered}$ | June 30, 2016 | June 30, 2017 | $\begin{gathered} \hline \text { December 31, } \\ 2016 \\ \hline \end{gathered}$ | June 30, 2016 |
| With objective | Assessment of <br> $\begin{array}{l}\text { individual } \\ \text { impairment }\end{array}$ <br> Asesment | \$ 1,791,993 | \$ 1,900,712 | \$ 1,908,972 | \$ 1,164,358 | \$ 1,315,493 | \$ 1,171,325 |
| impairment | Assessment of collective impairment | 73,996 | 76,569 | 93,166 | 47,827 | 49,452 | 56,689 |
| With no objective evidence of impairment | Assessment of <br> collective <br> impairment | 26,689,264 | 28,242,686 | 29,789,979 | 287,219 | 349,635 | 351,152 |
| Total |  | 28,555,253 | 30,219,967 | 31,792,117 | 1,499,404 | 1,714,580 | 1,579,166 |

9) Management policies on foreclosed collaterals

Foreclosed collaterals are recorded at cost, using lower-at-cost or market as of the balance sheet date. If collaterals were not disposed of within the statutory period, the Bank should apply for an extension of the disposal period and increase its provision for possible losses, if necessary.

The Bank's foreclosed collaterals were mainly securities, land and buildings. As of June 30, 2017, December 31, 2016 and June 30, 2016, the carrying amounts of the collaterals were $\$ 0$ thousand. Foreclosed collaterals assumed are classified as other assets in the balance sheets.
10) Disclosures required under the Regulations Governing the Preparation of Financial Reports by Public Banks
a) Asset quality of nonperforming loans and overdue receivable

| Item |  |  | June 30, 2017 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Nonperforming Loan (NPL) (Note 1) |  | Total Loans |  | NPL Ratio (Note 2) | Loan Loss Reserves (LLR) |  | Coverage Ratio (Note 3) |
| Corporate banking | Secured |  | \$ | 114,384 | \$ | 55,463,521 | 0.21\% | \$ | 661,106 | 577.97\% |
|  | Unsecured |  |  | 295,647 |  | 138,746,663 | 0.21\% |  | 1,701,396 | 575.48\% |
| Consumer banking | Mortgage (Note 4) |  |  | 33,462 |  | 32,775,994 | 0.10\% |  | 438,644 | 1,310.87\% |
|  | Cash card |  |  | 163,335 |  | 14,678,548 | 1.11\% |  | 419,356 | 256.75\% |
|  | Micro credit (Note 5) |  |  | 150,680 |  | 20,233,132 | 0.74\% |  | 306,047 | 203.11\% |
|  | Other (Note 6) | Secured |  | 22,475 |  | 18,421,707 | 0.12\% |  | 246,465 | 1,096.60\% |
|  |  | Unsecured |  | 1,772 |  | 43,397 | 4.08\% |  | 581 | 32.79\% |
| Total |  |  |  | 781,755 |  | 280,362,962 | 0.28\% |  | 3,773,595 | 482.71\% |
|  |  |  | Overdue Receivable |  | Account Receivable |  | Delinquency Ratio | Allowance for Credit Losses |  | Coverage Ratio |
| Credit card |  |  | \$ | 19,317 | \$ | 2,874,142 | 0.67\% | \$ | 55,143 | 285.47\% |
| Account receivable - factoring without recourse (Note 7) |  |  |  | 28 |  | 8,916,524 | 0.00\% |  | 130,457 | 459,159.92\% |


| Item |  |  | June 30, 2016 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | forming (NPL) te 1) |  | Total Loans | NPL Ratio (Note 2) |  |  | Coverage Ratio (Note 3) |
| Corporate banking | Secured |  | \$ | 201,553 | \$ | 45,887,397 | 0.44\% | \$ | 557,390 | 276.55\% |
|  | Unsecured |  |  | 164,881 |  | 114,215,531 | 0.14\% |  | ,445,253 | 876.54\% |
| Consumer banking | Mortgage (Note 4) |  |  | 34,920 |  | 26,592,540 | 0.13\% |  | 355,196 | 1,017.18\% |
|  | Cash card |  |  | 192,297 |  | 15,519,598 | 1.24\% |  | 432,643 | 224.99\% |
|  | Micro credit (Note 5) |  |  | 139,940 |  | 19,272,975 | 0.73\% |  | 276,500 | 197.59\% |
|  | Other (Note 6) | Secured |  | 7,530 |  | 14,909,779 | 0.05\% |  | 199,118 | 2,644.26\% |
|  |  | Unsecured |  | 2,551 |  | 55,855 | 4.57\% |  | 746 | 29.25\% |
| Total |  |  |  | 743,672 |  | 236,453,675 | 0.31\% |  | 3,266,846 | 439.29\% |
|  |  |  | Overdue Receivable |  | Account Receivable |  | Delinquency Ratio |  | ance for <br> L Losses | Coverage Ratio |
| Credit card |  |  | \$ | 40,233 | \$ | 2,912,560 | 1.38\% | \$ | 66,903 | 166.29\% |
| Account receivable - factoring without recourse <br> (Note 7) |  |  |  | 59 |  | 2,002,740 | 0.00\% |  | 26,181 | 44,131.45\% |

Note 1: Nonperforming loans are reported in accordance with the "Regulations Governing the Procedures for Banking Institutions to Evaluate Assets and Deal with Nonperforming/Nonaccrual Loans". Overdue credit card receivables are regulated by Order No. 0944000378 announced by the FSC on July 6, 2005.

Note 2: NPL ratio $=$ NPL/Total loans. For credit card business: Delinquency ratio $=$ Overdue credit card receivables/Credit card receivables balance.

Note 3: Coverage ratio $=$ LLR/NPL. Coverage ratio of credit receivables: Allowance for credit losses/Overdue credit card receivables.

Note 4: Household mortgage refers to financing obtained to buy, build, or fix houses owned by the borrower or the borrower's spouse or children, with the house used as loan collateral.

Note 5: Micro credit is covered by a Banking Bureau pronouncement dated December 19, 2005 (Order No. 09440010950 ) and is excluded from credit card and cash card loans.

Note 6: "Others" under consumer loans refers to secured or unsecured loans other than mortgage loans, cash cards, micro credit, and credit cards.

Note 7: As required by the Banking Bureau in its letter dated July 19, 2005 (Order No. 0945000494 ), allowance for bad debt is recognized once no compensation is made by a factor or insurance company within three months for accounts receivable - factoring without recourse.
b) Exemption on nonperforming loans and overdue receivables

| Items | June 30, 2017 |  | June 30, 2016 |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  | Excluded <br> NPL | Excluded <br> Overdue <br> Receivables | Excluded <br> NPL | Excluded <br> Overdue <br> Receivables |  |
| Amounts of executed <br> contracts on negotiated <br> debts not reported (Note 1) | $\$ 15,417$ | $\$$ | 193 | $\$ 43,242$ | $\$$ |
| Amounts of executed debt <br> settlement program and <br> rehabilitation program not <br> reported (Note 2) |  |  |  |  |  |
| Total |  | 33,441 |  | 4,790 |  |

Note 1: The disclosure of excluded NPLs and excluded overdue receivables resulting from debt negotiations and loan agreements is based on the Banking Bureau letter dated April 25, 2006 (Order No. 09510001270).

Note 2: The disclosure of excluded NPLs and excluded overdue receivables resulting from consumer debt clearance is based on the Banking Bureau letters dated September 15, 2008 (Order No. 09700318940) and dated September 20, 2016 (Order No. 10500134790).
c) Concentration of credit risk

June 30, 2017

| Top 10 <br> Ranking | Group (Industry Category) | Total CreditPercentage <br> of Net <br> Worth (\%) |  |
| :---: | :--- | :---: | :---: |
| 1 | A Group - 011850 Manufacture of Man-Made Fibers | $\$ 5,159,530$ | 8.64 |
| 2 | B Group - 012711 Manufacture of Computers | $4,484,775$ | 7.51 |
| 3 | C Group - 012411 Smelting and Refining of Iron and <br> Steel | $3,729,592$ | 6.25 |
| 4 | D Group - 012641 Manufacture of Liquid Crystal <br> Panel and Components | $3,726,978$ | 6.24 |
| 5 | E Group - 015100 Air Transport | $3,601,954$ | 6.03 |
| 6 | F Group - 012641 Manufacture of Liquid Crystal Panel <br> and Components | $3,520,487$ | 5.90 |
| 7 | G Group - 016611 Securities Firms | $3,479,466$ | 5.83 |
| 8 | H Group - 016700 Real Estate Development Activities | $3,413,737$ | 5.72 |
| 9 | I Group - 012740 Manufacture of Magnetic and <br> Optical Media | $3,400,000$ | 5.70 |
| 10 | J Group - 014510 Wholesale on a Fee or Contract <br> Basis | $3,043,600$ | 5.10 |

June 30, 2016

| Top 10 <br> Ranking | Group (Industry Category) | Total Credit | Percentage <br> of Net <br> Worth (\%) |
| :---: | :--- | :---: | :---: |
| 1 | A Group - 016100 Telecommunications | $\$ 6,387,123$ | 10.94 |
| 2 | H Group - 016700 Real Estate Development Activities | $4,756,522$ | 8.15 |
| 3 | E Group - 015100 Air Transport | $4,610,451$ | 7.89 |
| 4 | D Group - 012641 Manufacture of Liquid Crystal <br> Panel and Components | $3,885,141$ | 6.65 |
| 5 | I Group - 012740 Manufacture of Magnetic and <br> Optical Media | $3,750,000$ | 6.42 |
| 6 | B Group - 012711 Manufacture of Computers | $3,665,713$ | 6.28 |
| 7 | K Group - 017112 Engineering Activities and Related <br> Technical Consultancy | $2,965,540$ | 5.08 |
| 8 | C Group - 012411 Smelting and Refining of Iron and <br> Steel | $2,961,018$ | 5.07 |
| 9 | L Group - 012611 Manufacture of Integrated Circuits | $2,898,336$ | 4.96 |
| 10 | M Group - 012630 Manufacture of Bare Printed <br> Circuit Boards | $2,879,723$ | 4.93 |

## c. Liquidity risk

1) Definition and source of liquidity risk

Liquidity risk of the Bank refers to the risks of bearing financial loss because of the inability to liquidate assets or obtain financing to provide funds to meet the financial obligation, such as early termination of deposits, deteriorating of the source and condition of financing from banks influenced by specific market, abnormal recover of funds due to default from borrowers, inability to liquidate financial instruments and early exertion of rights of rescission of interest sensitive product by the assured. The aforementioned situation may reduce cash source of loan, transactions and investment. In some extreme cases, the lack of liquidity may result in a decrease in the overall position of the balance sheet, sale of assets and failure to perform loan commitments.
2) Management policies of liquidity risk

To control liquidity risk, the Bank calculates the maximum cumulative cash outflow (MCO) to monitor the daily funding gap by each major currency. The Bank also actively deconcentrates funding sources, due dates of funding settlement, and the counterparties to the due from other banks and call loans to other banks, as well as maintains an adequate amount of corporate cash in banks to enhance its liquidity position.
3) Maturity gap analysis of financial assets and non-derivative financial liabilities held for liquidity purposes
a) Financial assets held for liquidity management

The Bank holds cash and highly liquid and high-grade assets to pay off obligations and meet any potential emergency funding needs. The assets held for liquidity management include cash and cash equivalents, due from the Central Bank and call loans to banks, financial assets at fair value through profit or loss, discounts and loans, and available-for-sale financial assets.
b) Maturity analysis of non-derivative financial liabilities

The following tables show the cash outflows on the Bank's non-derivative financial liabilities based on contract maturities. However, because the amounts disclosed were based on contractual cash flows, some of them will not match the amounts shown in the balance sheets.
(In Thousands of New Taiwan Dollars)

| June 30, 2017 |  | 0-30 Days |  | 1-90 Days |  | -180 Days |  | Days-1 Year |  | Over 1 Year |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Deposits from the Central Bank and banks | \$ | 16,724,885 | \$ | 119,978 | \$ | 498,736 | \$ | 560,113 | \$ | - | \$ | 17,903,712 |
| Notes and bonds issued under repurchase agreements |  | 19,576,028 |  | 2,763,882 |  | - |  | - |  | - |  | 22,339,910 |
| Deposits and remittances |  | 44,009,486 |  | 71,946,953 |  | 41,999,441 |  | 55,650,323 |  | 25,678,859 |  | 239,285,062 |
| Bank debentures payable |  | - |  | - |  | 2,750,000 |  | - |  | 1,000,000 |  | 3,750,000 |
| Other capital outflow on maturity |  | 2,190,375 |  | 211,978 |  | 292,954 |  | 739,661 |  | 469,505 |  | 3,904,473 |
| Total | \$ | 82,500,774 | \$ | 75,042,791 | \$ | 45,541,131 | \$ | 56,950,097 |  | 27,148,364 | \$ | 287,183,157 |

(In Thousands of New Taiwan Dollars)

| December 31, 2016 | 0-30 Days | 31-90 Days | 91-180 Days | 181 Days-1 Year | Over 1 Year | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Deposits from the Central Bank and banks | \$ 23,484,126 | \$ 460,583 | \$ 253,739 | \$ 416,899 | \$ | \$ 24,615,347 |
| Notes and bonds issued under repurchase agreements | 21,868,872 | $459,685$ | - | - | - | 22,328,557 |
| Deposits and remittances | 73,974,018 | 40,709,082 | 45,443,242 | 59,670,662 | 22,038,891 | 241,835,895 |
| Bank debentures payable | - | - | - | 2,750,000 | - | 2,750,000 |
| Other capital outflow on maturity | 1,634,569 | 616,498 | 282,125 | 404,150 | 483,030 | 3,420,372 |
| Total | \$ 120,961,585 | \$ 42,245,848 | \$ 45,979,106 | \$ 63,241,711 | \$ 22,521,921 | \$ 294,950,171 |

(In Thousands of New Taiwan Dollars)

| June 30, 2016 |  | 0-30 Days |  | 1-90 Days |  | -180 Days |  | Days-1 Year | Over 1 Year |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Deposits from the Central Bank and banks | \$ | 14,374,885 | \$ | 119,978 | \$ | 504,427 | \$ | 571,748 | \$ - | \$ | 15,571,038 |
| Notes and bonds issued under repurchase agreements |  | 3,023,648 |  | $837,923$ |  | - |  | - | - |  | 3,861,571 |
| Deposits and remittances |  | 47,670,978 |  | 53,716,008 |  | 51,981,286 |  | 58,989,022 | 21,777,527 |  | 234,134,821 |
| Bank debentures payable |  | - |  | - |  | - |  | - | 2,750,000 |  | 2,750,000 |
| Other capital outflow on maturity |  | 4,264,742 |  | 211,450 |  | 296,881 |  | 637,769 | 618,068 |  | 6,028,910 |
| Total | \$ | 69,334,253 | \$ | 54,885,359 | \$ | 52,782,594 | \$ | 60,198,539 | \$ 25,145,595 |  | 262,346,340 |

(In Thousands of U.S. Dollars)

(In Thousands of U.S. Dollars)

| December 31, 2016 | 0-30 Days |  | 31-90 Days |  | 91-180 Days |  | 181 Days-1 Year |  | Over 1 Year |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Deposits from the Central Bank and banks | \$ | 133,000 | \$ | 30,000 | \$ | - | \$ | - | \$ | - |  | 163,000 |
| Notes and bonds issued under repurchase agreements |  | $554,336$ |  | $678,966$ |  | - |  | - |  | - |  | 1,233,302 |
| $\begin{aligned} & \text { Deposits and } \\ & \text { remittances } \end{aligned}$ |  | 783,074 |  | $543,615$ |  | 501,747 |  | 942,410 |  | 26,490 |  | 2,797,336 |
| Bank debentures payable |  | - |  | - |  | - |  | - |  | 368,413 |  | 368,413 |
| Other capital outflow on maturity |  | 22,947 |  | 15,779 |  | 3,121 |  | 1,884 |  | 42,700 |  | 86,431 |
| Total | \$ | 1,493,357 | \$ | 1,268,360 | \$ | 504,868 | \$ | 944,294 | \$ | 437,603 |  | 4,648,482 |


| June 30, 2016 | 0-30 Days |  | 31-90 Days |  | 91-180 Days |  | 181 Days-1 Year |  | Over 1 Year |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Deposits from the Central Bank and banks | \$ | 30,000 | \$ | 80,000 | \$ | - | \$ | - | \$ | - | \$ | 110,000 |
| Notes and bonds issued under repurchase agreements |  | 823,809 |  | 578,260 |  | - |  | - |  | - |  | 1,402,069 |
| Deposits and remittances |  | 890,176 |  | $616,884$ |  | 391,784 |  | 557,397 |  | 26,458 |  | 2,482,699 |
| Bank debentures payable |  | - |  | - |  | - |  | - |  | 325,030 |  | 325,030 |
| Other capital outflow on maturity |  | 16,217 |  | 13,455 |  | 1,947 |  | 736 |  | 11,825 |  | 44,180 |
| Total | \$ | 1,760,202 | \$ | 1,288,599 | \$ | 393,731 | \$ | 558,133 | \$ | 363,313 | \$ | 4,363,978 |

4) Maturity analysis of derivative instruments

Contractual maturities were assessed to have an understanding of derivative instruments presented in the consolidated balance sheet. Amounts disclosed in the table were based on contractual cash flows; however, some of these amounts did not match those in the balance sheets. The maturity analysis of derivative instruments was as follows:
(In Thousands of New Taiwan Dollars)

(In Thousands of New Taiwan Dollars)

| December 31, 2016 | 0-30 Days | 31-90 Days | 91-180 Days | 181 Days-1 Year | Over 1 Year | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Derivative financial instruments at FVTPL |  |  |  |  |  |  |
| Foreign exchange derivatives instruments |  |  |  |  |  |  |
| Cash inflow | $\begin{aligned} & (171,492,690) \\ & 164,681,784 \end{aligned}$ | $234,004,664$ | $162,867,950$ | $\begin{aligned} & (17,638,218) \\ & 18,831,464 \end{aligned}$ | (327,00) | $\begin{gathered} (588,774,880) \\ 580,385,862 \end{gathered}$ |
| Interest rate derivatives instruments Cash outflow |  |  |  | $(912,497)$ | 5.023.911) | 9) |
| Cash inflow | 214,301 | 423,840 | - | - | (15,023, | $, 129,509)$ |
| Others |  |  |  |  |  | 638 |
| Cash outflow | - | - | - | - | - | - |
| Cash inflow | 714 | - | - | - | - | 714 |
| Cash outflow subtotal | $(173,243,405)$ | $(232,436,139)$ | (167,323,219) | (18,550,715) | $(15,350,911)$ | $(606,904,389)$ |
| Cash inflow subtotal | 164,896,799 | 234,428,504 | 162,867,950 | 18,831,464 | - | 581,024,717 |
| Net cash flow | \$ (8,346,606) | \$ 1,992,365 | \$ $(4,455,269)$ | \$ 280,749 | \$ (15,350,911) | \$ (25,879,672) |


(In Thousands of U.S. Dollars)

(In Thousands of U.S. Dollars)


| June 30, 2016 | 0-30 Days | 31-90 Days | 91-180 Days | 181 Days-1 Year | Over 1 Year | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Derivative financial instruments at FVTPL |  |  |  |  |  |  |
| Foreign exchange derivatives instruments |  |  |  |  |  |  |
| Cash outflow Cash inflow | $\begin{array}{cc} \$(6,768,797) \\ 6,630,423 \end{array}$ | $\begin{array}{cc} \$(5,095,573) \\ 5,913,754 \end{array}$ | $\begin{array}{cc} \$(5,033,490) \\ 4,663,854 \end{array}$ | $\begin{array}{cc} \$(1,551,025) \\ 1,678,454 \end{array}$ | $\begin{array}{cc} \$ \quad(147,894) \\ 133,671 \end{array}$ | $\begin{gathered} \$(18,596,779) \\ 19,020,156 \end{gathered}$ |
| Interest rate derivatives instruments <br> Cash outflow |  |  |  |  |  |  |
| Cash outflow | $(69,909)$ | $(22,978)$ | $(16,787)$ | $(1,188)$ | $(94,195)$ | $(205,057)$ |
| Cash inflow | 8,741 | 19,037 | 20,033 | 871 | - | 48,682 |
| Others |  |  |  |  |  |  |
| Cash outflow | (399) | - | - | - | - | (399) |
| Cash inflow | 314 | - | - | - | - | 314 |
| Cash outflow subtotal | $(6,839,105)$ | (5,118,551) | (5,050,277) | $(1,552,213)$ | $(242,089)$ | $(18,802,235)$ |
| Cash inflow subtotal | 6,639,478 | 5,932,791 | 4,683,887 | 1,679,325 | 133,671 | 19,069,152 |
| Net cash flow | \$ (199,627) | \$ 814,240 | \$ (366,390) | \$ 127,112 | \$ $(108,418)$ | \$ 266,917 |

## 5) Maturity analysis of off-balance sheet items

The following table shows the Bank's off-balance sheet items by period from the balance sheet dates to contract maturity dates. Amounts disclosed in the table were based on contractual cash flows; thus, some amounts will not match those in the balance sheets.

| June 30, 2017 | 0-30 Days | 31-90 Days | 91-180 Days | 181 Days-1 Year | Over 1 Year | Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Irrevocable loan <br> commitments, <br> guarantees and letters <br> of credit issued yet <br> unused |  |  |  |  |  |  |


| December 31, 2016 | 0-30 Days | 31-90 Days | 91-180 Days | 181 Days-1 Year | Over 1 Year | Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Irrevocable loan <br> commitments, <br> guarantees and letters <br> of credit issued yet <br> unused |  |  |  |  |  |  |


| June 30, 2016 | 0-30 Days | 31-90 Days | 91-180 Days | 181 Days-1 Year | Over 1 Year | Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Irrevocable loan <br> commitments, <br> guarantees and letters <br> of credit issued yet <br> unused |  |  |  |  |  |  |

6) Maturity analysis of lease commitments

The Bank and subsidiaries' lease commitments included operating leases and finance leases. Operating lease commitments referred to future minimum payments under noncancelable operating leases where the Bank or its subsidiaries are the lessees or lessors. Financial lease commitments referred to future gross payments under financial leases where the Bank or its subsidiaries are the lessees. The maturity analysis of lease commitments was as follows:

| June 30, 2017 | Less Than <br> 1 Year | $\mathbf{1 - 5}$ Years | Over 5 Years | Total |
| :---: | ---: | ---: | ---: | :---: |
| Lease agreement <br> Financial lease gross income <br> (lessor) | F $2,560,547$ | $\$ 2,423,591$ | $\$$ | - |
| Financial lease present value <br> income (lessor) | $2,398,947$ | $2,310,446$ |  |  |
| Operating lease payment <br> (lessee) | 287,723 | 585,168 | - | $4,709,393$ |
| Operating lease income <br> (lessor) <br> Present value of financial <br> lease payment (lessee) | 15,695 | 15,441 | - | 872,891 |


| December 31, 2016 | Less Than <br> 1 Year | $\mathbf{1 - 5}$ Years | Over 5 Years | Total |
| :---: | ---: | ---: | ---: | ---: |
| Lease agreement <br> Financial lease gross income <br> (lessor) | $\$ 3,268,707$ | $\$ 3,156,235$ | $\$$ | - |
| Financial lease present value <br> income (lessor) | $3,076,383$ | $2,970,345$ |  |  |
| Operating lease payment <br> (lessee) | 239,465 | 471,498 | - | $6,046,728$ |
| Operating lease income <br> (lessor) <br> Present value of financial <br> lease payment (lessee) | 16,325 | 22,947 | - | 710,963 |


| June 30, 2016 | Less Than <br> 1 Year | $\mathbf{1 - 5}$ Years | Over 5 Years | Total |
| :---: | ---: | ---: | ---: | ---: |
| Lease agreement <br> Financial lease gross income <br> (lessor) | $\$ 3,780,335$ | $\$ 2,819,875$ | $\$$ | - |
| Financial lease present value <br> income (lessor) | $3,527,460$ | $2,648,861$ | $\$ 6,600,210$ |  |
| Operating lease payment <br> (lessee) | 259,468 | 491,569 | - | $6,176,321$ |
| Operating lease income <br> (lessor) <br> Present value of financial <br> lease payment (lessee) | 16,047 | 30,986 | -650 | 752,687 |

7) Summary of required disclosures under the Regulations Governing the Preparation of Financial Reports by Public Banks:
a) Maturity analysis of assets and liabilities of the Bank (New Taiwan dollars)
(In Thousands of New Taiwan Dollars)

| June 30, 2017 | 0-10 Days |  | 11-30 Days |  | 31-90 Days |  | 91-180 Days |  | 181 Days-1 Year |  | Over 1 Year |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{\|c} \hline \text { Main capital inflow } \\ \text { on maturity } \\ \hline \end{array}$ | \$ | 137,938,731 | \$ | 214,777,075 | \$ | 293,719,412 | \$ | 171,894,040 | \$ | 101,072,928 | \$ | 108,408,141 | \$ | 1,027,810,327 |
| Main capital outflow on maturity |  | 129,430,978 |  | 147,099,296 |  | 362,209,198 |  | 222,417,985 |  | 185,861,848 |  | 202,168,258 |  | 1,249,187,563 |
| Gap |  | 8,507,753 |  | 67,677,779 |  | (68,489,786) |  | (50,523,945) |  | (84,788,920) |  | (93,760,117) |  | (221,377,236) |

(In Thousands of New Taiwan Dollars)

| June 30, 2016 | 0-10 Days |  | 11-30 Days |  | 31-90 Days |  | 91-180 Days |  | 181 Days-1 Year |  | Over 1 Year |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Main capital inflow <br> on maturity | \$ | 100,603,417 | \$ | 225,215,420 | \$ | 185,360,863 | \$ | 187,870,853 | \$ | 79,151,622 | \$ | 95,568,786 | \$ | 873,770,961 |
| $\begin{array}{\|c\|} \hline \text { Main capital } \\ \text { outflow on } \\ \text { maturity } \\ \hline \end{array}$ |  | 86,519,511 |  | 186,231,274 |  | 283,967,156 |  | 240,635,057 |  | 134,599,184 |  | 129,798,183 |  | 1,061,750,365 |
| Gap |  | 14,083,906 |  | 38,984,146 |  | (98,606,293) |  | (52,764,204) |  | (55,447,562) |  | $(34,229,397)$ |  | $(187,979,404)$ |

b) Maturity analysis of assets and liabilities of the Bank (U.S. dollars)
(In Thousands of U.S. Dollars)

| June 30, 2017 | 0-30 Days | 31-90 Days | 91-180 Days | 181 Days-1 Year | Over 1 Year | Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Main capital inflow on <br> maturity | $\$ 9,004,995$ | $\$ 10,556,366$ | $\$ 5,831,939$ | $\$ 2,701,281$ | $\$$ | $2,409,522$ |
| Main capital outflow on <br> maturity | $9,215,268$ | $11,423,578$ | $6,416,036$ | $4,544,043$ | $2,968,822$ | $30,504,103$ |
| Gap | $(210,273)$ | $(867,212)$ | $(584,097)$ | $(1,842,762)$ | $(559,300)$ | $(4,063,644)$ |

(In Thousands of U.S. Dollars)

| June 30, 2016 | 0-30 Days | 31-90 Days | 91-180 Days | 181 Days-1 Year | Over 1 Year | Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Main capital inflow on <br> maturity | $\$ 8,702,375$ | $\$ 6,755,329$ | $\$ 8,214,109$ | $\$ 1,984,132$ | $\$$ | 858,815 |
| Main capital outflow on <br> maturity | $9,787,551$ | $8,783,637$ | $7,179,008$ | $\$ 23,514,760$ |  |  |
| Gap | $(1,085,176)$ | $(2,028,308)$ | $(1,964,899)$ | $(129,444)$ | 659,418 | $28,523,190$ |

d. Market risk

1) Definition and source of market risk

Market risk is defined as an unfavorable change in macroeconomic and financial market variables (such as interest rates, exchange rates, stock prices and commodity prices), which may cause a potential loss on financial assets held for trading.
2) Risk management policies

In order to have a common-language of market risk management, definition, communication and measurement, the Bank has developed "Market Risk Policy" based on Regulations Governing the Capital Adequacy Ratio of Banks (the CAR Regulations) and on market risk calculation tables announced by the FSC, international standards, and CDFH's market risk management policy framework.

The "Market Risk Policy" is applicable to "Trading Book" positions defined by the Regulations Governing the Capital Adequacy Ratio of the Bank related market risk calculation tables and the Bank's book management approach to financial instrument handling.

Following the "Market Risk Policy", the Bank sets up the "Market Risk Management Procedure to Trading Activities" to manage market risk. This procedure includes risk identification and assessment, risk measurement, risk monitoring and response, risk reporting and contingency management processes.
3) Procedures for market risk measuring, monitoring, and reporting

The Bank's market risk limits include position sensitivities, stop-loss limits and value-at-risk (VaR).
Risk factors analyzed through the Bank's risk measurement systems are sufficient to determine all market risks on trading positions shown in the balance sheet, including interest rate risk, foreign exchange risk, equity risk, and commodity risks, as well as volatility risks on option transactions which arise out of the option transactions.

The Bank's market risk reports include profit or loss on trading positions, limit usage, stress testing, and trading portfolio risk assessment, as well as significant exceptions if any.

The risk management department of the Bank independently performs daily market risk limit controls, and makes regularly reports to both the Risk Management Committee and CDFH's Risk Management Committee. Besides, the above reports are quarterly presented to the Board for reference.
4) Mitigation of risks or hedging of market risk

The Bank's market risk positions or hedging positions are marked to market on a daily base through techniques such as model valuation. All market parameters are updated at least daily in accordance with changes in market conditions. Market Risk Limits are regularly reviewed and controlled based on the valuation results.
5) Valuation techniques of market risk

The Bank uses the VaR model and/or stress testing to evaluate the potential and/or extreme risk on trading portfolios. Through variations of the assumptions on market conditions, these techniques are used to assess the market risk of positions held and the maximum expected loss.

VaR is calculated using a one-day time horizon with a $95 \%$ confidence level.
(In Thousands of New Taiwan Dollars)

|  | For the Six Months Ended June 30, 2017 |  |  |  | For the Year Ended December 31, 2016 |  |  |  |  |  | For the Six Months Ended June 30, 2016 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Average | Highest | Lowest |  | Average |  | Highest |  | Lowest |  | Average |  | Highest |  | Lowest |  |
| Interest rate risk | \$ 76,331 | \$ 136,332 | \$ | 29,201 | \$ | 33,310 | \$ | 74,214 | \$ | 17,157 | \$ | 31,334 | \$ | 53,221 | \$ | 17,493 |
| Equity risk | 7,461 | 10,929 |  | 4,918 |  | 5,951 |  | 12,389 |  | 2,336 |  | 5,317 |  | 12,389 |  | 2,336 |
| Foreign exchange risk | 11,262 | 44,645 |  | 2,682 |  | 36,105 |  | 80,973 |  | 6,133 |  | 41,120 |  | 68,827 |  | 18,915 |

6) Interest rate risk in banking book

The scope of interest rate risk in banking book includes interest rate sensitivity of assets and liabilities, but do not include risk management of trading book. Interest rate risk in banking book measures the adverse effects on net interest income of assets, liabilities and off-balance sheet as a result of adverse fluctuations in interest. Risk assessment not only builds the sensitivity gap between assets and liabilities, but also quantifies through the dimension of retained earnings and economic value perspectives.
7) Interest rate risk management of the banking book

The interest rate risk management strategy involving the Bank's banking book is to minimize the negative impact of changes in interest rates on net interest income and the net economic value of equity. The asset-liability management committee (ALMCO) approves the annual banking book interest rate risk limits and monitors the Bank's interest rate risk exposures every day. The interest rate risk management processes include risk identification, risk measurement, risk control, risk monitoring and others. The unit monitoring the banking book interest rate risks reports interest rate risk exposures regularly to ALMCO, and adjusts the structure of assets and liabilities according to the reports, lowering the amount of exposure. For risk monitoring, the asset and liability management system outputs and analysis reports, which is provided to the interest rate risk execution units and top management. If risk missing or excess of limit occur from monitor, written notices will be passed to the interest rate risk assessment units to adjust and improve the program reported to ALMCO.
8) Foreign currency risk information

The financial assets and liabilities denominated in foreign currency and with material influence on the Bank and subsidiaries were as follows:
(In Thousands of Foreign Currencies/New Taiwan Dollars)

|  | June 30, 2017 |  |  |
| :--- | ---: | ---: | ---: |
|  | Foreign <br> Currencies | Exchange <br> Rate | New Taiwan <br> Dollars |
| Financial assets |  |  |  |
| Monetary items |  |  |  |
| USD |  |  |  |
| RMB | $6,089,621$ | 30.44 | $\$ 185,343,708$ |
| EUR | $2,066,134$ | 4.49 | $9,275,910$ |
| HKD | 116,377 | 34.73 | $4,041,772$ |
| JPY | 622,290 | 3.90 | $2,426,308$ |
| AUD | $2,198,897$ | 0.27 | 597,220 |
| ZAR | 17,382 | 23.36 | 406,039 |
| Nonmonetary items | 90,777 | 2.33 | 211,329 |
| HKD |  |  |  |
|  | 579,386 | 3.90 | $2,259,025$ |
| Financial liabilities |  |  |  |
|  |  |  |  |
| Monetary items |  |  |  |
| USD |  |  |  |
| RMB | $6,726,337$ | 30.44 | $204,722,795$ |
| ZAR | $2,570,726$ | 4.49 | $11,541,275$ |
| AUD | $1,473,167$ | 2.33 | $3,429,532$ |
| EUR | 62,703 | 23.36 | $1,464,753$ |
| JPY | 39,237 | 34.73 | $1,362,688$ |
| HKD | $2,890,886$ | 0.27 | 785,165 |
| NZD | 115,440 | 3.90 | 450,101 |
|  | 15,843 | 22.29 | 353,142 |

December 31, 2016


June 30, 2016

| Foreign | Exchange | New Taiwan |
| :---: | :---: | :---: |
| Currencies | Rate | Dollars |

## Financial liabilities

| Monetary items | $\$$ | $5,627,013$ | 32.29 |
| :--- | ---: | ---: | ---: |
| USD |  | $2,083,554$ | 4.85 |
| RMB | $1,495,868$ | 2.18 | $10,101,693$ |
| ZAR | 86,656 | 23.98 | $3,260,991$ |
| AUD | 482,880 | 4.16 | $2,077,754$ |
| HKD | 53,311 | 35.88 | $2,009,359$ |
| EUR | $4,608,717$ | 0.31 | $1,912,681$ |
| JPY | 8,243 | 43.46 | $1,448,059$ |
| GBP | $3,993,213$ | 0.03 | 358,225 |
| KRW |  |  | 111,738 |
|  |  |  | (Concluded) |

9) Disclosures required by the Regulations Governing the Preparation of Financial Reports by Public Banks
a) Analysis of interest rate-sensitive assets and liabilities (New Taiwan dollars)

June 30, 2017
(In Thousands of New Taiwan Dollars)

| Item | 1 to 90 Days | 91 to 180 Days | 181 Days to 1 Year | Over 1 Year | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Interest rate-sensitive assets | \$ 231,791,093 | \$ 16,245,837 | \$ 4,188,623 | \$ 103,691,548 | \$ 355,917,101 |
| Interest rate-sensitive liabilities | 147,364,851 | 105,591,219 | 22,529,186 | 4,397,547 | 279,882,803 |
| Interest rate sensitivity gap | 84,426,242 | (89,345,382) | (18,340,563) | 99,294,001 | 76,034,298 |
| Net worth |  |  |  |  | 58,876,410 |
| Ratio of interest rate-sensitive assets to liabilities (\%) |  |  |  |  | 127.17 |
| Ratio of interest rate-sensitive gap to net worth (\%) |  |  |  |  | 129.14 |

June 30, 2016
(In Thousands of New Taiwan Dollars)

| Item | 1 to 90 Days | 91 to 180 Days | 181 Days to <br> 1 Year | Over 1 Year | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Interest rate-sensitive assets | \$ 214,382,200 | \$ 15,059,897 | \$ 3,919,158 | \$ 77,710,660 | \$ 311,071,915 |
| Interest rate-sensitive liabilities | 111,592,591 | 97,770,500 | 35,533,671 | 7,740,597 | 252,637,359 |
| Interest rate sensitivity gap | 102,789,609 | $(82,710,603)$ | (31,614,513) | 69,970,063 | 58,434,556 |
| Net worth |  |  |  |  | 56,637,576 |
| Ratio of interest rate-sensitive assets to liabilities (\%) |  |  |  |  | 123.13 |
| Ratio of interest rate-sensitive gap to net worth (\%) |  |  |  |  | 103.17 |

Note 1: The above amounts included only New Taiwan dollar amounts held by the Bank (excluded contingent assets and contingent liabilities).

Note 2: Interest rate-sensitive assets and liabilities refer to interest-earning assets and interest-bearing liabilities with revenues or costs affected by interest rate changes.

Note 3: Interest rate sensitivity gap = Interest rate-sensitive assets - Interest rate-sensitive liabilities.

Note 4: Ratio of interest rate-sensitive assets to liabilities $=$ Interest rate-sensitive assets/Interest rate-sensitive liabilities (interest rate-sensitive assets and interest ratesensitive liabilities in New Taiwan dollars).
b) Analysis of interest rate-sensitive assets and liabilities (U.S. dollars)

June 30, 2017
(In Thousands of U.S. Dollars)

| Item | 1 to 90 Days | 91 to 180 Days |  | Days to Year | Over 1 Year | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Interest rate-sensitive assets | \$ 2,957,844 | \$ 374,019 | \$ | 184,465 | \$ 1,486,201 | \$ 5,002,529 |
| Interest rate-sensitive liabilities | 4,012,231 | 553,326 |  | 499,585 | 581,938 | 5,647,080 |
| Interest rate sensitivity gap | $(1,054,387)$ | $(179,307)$ |  | $(315,120)$ | 904,263 | $(644,551)$ |
| Net worth |  |  |  |  |  | 26,696 |
| Ratio of interest rate-sensitive assets to liabilities (\%) |  |  |  |  |  | 88.59 |
| Ratio of interest rate-sensitive gap to net worth (\%) |  |  |  |  |  | $(2,414.41)$ |

June 30, 2016
(In Thousands of U.S. Dollars)

| Item | 1 to 90 Days |  | 180 Days |  | Days to Year |  | ver 1 Year |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Interest rate-sensitive assets | \$ 2,075,850 | \$ | 394,668 | \$ | 279,553 | \$ | 1,297,099 | \$ | 4,047,170 |
| Interest rate-sensitive liabilities | 3,245,018 |  | 339,656 |  | 383,637 |  | 351,488 |  | 4,319,799 |
| Interest rate sensitivity gap | $(1,169,168)$ |  | 55,012 |  | $(104,084)$ |  | 945,611 |  | $(272,629)$ |
| Net worth |  |  |  |  |  |  |  |  | 54,016 |
| Ratio of interest rate-sensitive assets to liabilities (\%) |  |  |  |  |  |  |  |  | 93.69 |
| Ratio of interest rate-sensitive gap to net worth (\%) |  |  |  |  |  |  |  |  | (504.72) |

Note 1: The above amounts included only U.S. dollar amounts held by the Bank (excluded contingent assets and contingent liabilities).

Note 2: Interest rate-sensitive assets and liabilities refer to interest-earning assets and interest-bearing liabilities with revenues or costs affected by interest rate changes.

Note 3: Interest rate sensitivity gap = Interest rate-sensitive assets - Interest rate sensitive liabilities.

Note 4: Ratio of interest rate-sensitive assets to liabilities = Interest rate-sensitive assets/Interest rate-sensitive liabilities (Interest rate-sensitive assets and liabilities in U.S. dollars).
e. Transfers of financial assets

## Transferred financial assets not qualifying for full derecognition

Among daily operations of the Bank, most of the transactions of transferred financial assets not qualifying for full derecognition are debt securities under repurchase agreements. As the Bank's right to receive cash flows of the financial assets transferred to the counterparties, and reflecting the obligation to repurchase the transferred financial assets for a fixed price at a future date, the transferred financial assets cannot be used, sold or pledged in the duration of the transaction. The Bank does not derecognize it entirely because the Bank remains exposed to interest rate risk and credit risk on these pledged instruments.

Related information of financial assets and liabilities not qualifying for full derecognition are listed below:

| June 30, 2017 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Category | Transferred Financial Assets <br> - Book value | Related Financial Liabilities - Book value | Transferred Financial Assets <br> - Fair value | Related <br> Financial <br> Liabilities <br> - Fair value | Net Position <br> - Fair value |
| Notes and bonds issued under repurchase agreements Financial assets at fair value through profit or loss Available-for-sale financial assets | $\begin{array}{r} \$ 5,444,352 \\ 63,960,770 \\ \hline \end{array}$ | $\begin{array}{r} \$ 5,180,974 \\ 59,731,319 \\ \hline \end{array}$ | $\begin{array}{r} \$ 5,444,352 \\ 63,960,770 \\ \hline \end{array}$ | $\begin{array}{r} \$ 5,180,974 \\ 59,731,319 \\ \hline \end{array}$ | $\begin{array}{r} 263,378 \\ 4,229,451 \\ \hline \end{array}$ |


| December 31, 2016 |  |  |  |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | :---: |
| Category | Transferred <br> Financial <br> Assets <br> - Book value | Related <br> Financial <br> Liabilities <br> - Book value | Transferred <br> Financial <br> Assets <br> - Fair value | Related <br> Financial <br> Liabilities <br> - Fair value | Net Position <br> - Fair value |  |
| Notes and bonds issued under |  |  |  |  |  |  |
| repurchase agreements <br> Financial assets at fair value through <br> profit or loss |  |  |  |  |  |  |
| Available-for-sale financial assets | $\$ 35,227,572$ | $\$ 33,509,311$ | $\$ 35,227,572$ | $\$ 33,509,311$ | $\$ 1,718,261$ |  |


| June 30, 2016 |  |  |  |  |  |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | :---: | :---: |
| Category | Transferred <br> Financial <br> Assets <br> - Book value | Related <br> Financial <br> Liabilities <br> - Book value | Transferred <br> Financial <br> Assets <br> - Fair value | Related <br> Financial <br> Liabilities <br> - Fair value | Net Position <br> - Fair value |  |  |
| Notes and bonds issued under |  |  |  |  |  |  |  |
| repurchase agreements <br> Financial assets at fair value through <br> profit or loss |  |  |  |  |  |  |  |
| Available-for-sale financial assets | $\$ 24,132,258$ | $\$ 22,952,345$ | $\$ 24,132,258$ | $\$ 22,952,345$ | $\$ 1,179,913$ |  |  |

f. Offsetting financial assets and financial liabilities

The Bank and subsidiaries have no transactions of financial instruments that correspond to the provisions of IAS 32-42, but there are enforceable master netting arrangements or similar agreements signed with counterparty, and the financial assets and financial liabilities can be offset when both sides of the transaction have decided to, but gross settlements if not. One can choose net settlement if the other side of the transaction is in the breach of contract.

Related information of offsetting of financial assets and financial liabilities are as follows:

| June 30, 2017 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Financial Assets Under Offsetting, Net Settlement Contracts or Similar Agreements |  |  |  |  |  |  |  |  |  |
|  | Recognized Financial Assets - Gross Amount (a) | Netted <br> Financial <br> Liabilities Recognized on the Balance Sheet - Gross Amount (b) | Recognized Financial Assets - Net Amount (c)=(a)-(b) | Related Amount Not Netted on the Balance Sheet (d) |  |  |  | Net Amount$(\mathrm{e})=(\mathrm{c})-(\mathrm{d})$ |  |
| Financial Assets |  |  |  | Financial Instruments (Note) |  | Cash Collateral Received |  |  |  |
| Securities purchased under resell agreements | \$ 908,096 | \$ | \$ 908,096 |  | 908,096 | \$ | - | \$ | - |
| $\begin{array}{\|l\|} \hline \text { Derivative } \\ \text { financial } \\ \text { instruments } \end{array}$ | 18,477,146 |  | 18,477,146 |  | 7,723,048 |  | 1,007,327 |  | 9,746,771 |
| Total | \$ 19,385,242 | \$ - | \$ 19,385,242 |  | 8,631,144 |  | 1,007,327 |  | 9,746,771 |


| June 30, 2017 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Financial Liabilities Under Offsetting, Net Settlement Contracts or Similar Agreements |  |  |  |  |  |  |
|  | Recognized Financial Liabilities Gross Amount (a) | Netted <br> Financial Assets Recognized on the Balance Sheet - Gross Amount <br> (b) | Recognized Financial Liabilities Net Amount (c)=(a)-(b) | Related Amount Not Netted on the Balance Sheet (d) |  | Net Amount$(\mathrm{e})=(\mathrm{c})-(\mathrm{d})$ |
| Financial Liabilities |  |  |  | Financial Instruments (Note) | Cash Collateral Pledged |  |
| Notes and bonds <br> issued under <br> repurchase <br> agreements | \$ 66,742,065 | \$ | \$ 66,742,065 | \$ 66,742,065 | S | \$ |
| Derivative <br> financial <br> instruments | 24,639,447 | - | 24,639,447 | 7,723,048 | 4,397,185 | 12,519,214 |
| Total | \$ 91,381,512 | \$ - | \$ 91,381,512 | \$ 74,465,113 | \$ 4,397,185 | \$ 12,519,214 |


| December 31, 2016 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Financial Assets Under Offsetting, Net Settlement Contracts or Similar Agreements |  |  |  |  |  |  |
|  | Recognized Financial Assets - Gross Amount (a) | Netted Financial Liabilities Recognized on the Balance Sheet - Gross Amount <br> (b) | Recognized Financial Assets - Net Amount (c) $=(\mathbf{a})-(b)$ | Related Amount Not Netted on the Balance Sheet (d) |  | Net Amount$(\mathrm{e})=(\mathrm{c})-(\mathrm{d})$ |
| Financial Assets |  |  |  | Financial Instruments (Note) | Cash Collateral Received |  |
| Securities <br> purchased under <br> resell <br> agreements <br> Dirater | \$ 795,850 | \$ - | \$ 795,850 | \$ 795,850 | \$ - | \$ - |
| Derivative <br> financial <br> instruments | 25,434,608 | - | 25,434,608 | 7,171,127 | 1,018,564 | 17,244,917 |
| Total | \$ 26,230,458 | \$ | \$ 26,230,458 | \$ 7,966,977 | \$ 1,018,564 | \$ 17,244,917 |


| December 31, 2016 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Financial Liabilities Under Offsetting, Net Settlement Contracts or Similar Agreements |  |  |  |  |  |  |  |
|  | Recognized Financial Liabilities Gross Amount <br> (a) | Netted <br> Financial Assets <br> Recognized on <br> the Balance <br> Sheet - Gross <br> Amount <br> (b) | Recognized Financial Liabilities Net Amount (c) $=(\mathbf{a})-(b)$ | Related Amount Not Netted on the Balance Sheet (d) |  |  | Net Amount$(\mathrm{e})=(\mathrm{c})-(\mathrm{d})$ |
| Financial Liabilities |  |  |  | Financial Instruments (Note) |  | Collateral Pledged |  |
| Notes and bonds <br> issued under <br> repurchase <br> agreements <br> Daren | \$ 62,138,314 | - | \$ 62,138,314 | \$ 61,725,136 | \$ | 413,178 | \$ |
| Derivative <br> financial <br> instruments | 27,516,130 | - | 27,516,130 | 7,171,127 |  | 6,655,765 | 13,689,238 |
| Total | \$ 89,654,444 | \$ - | \$ 89,654,444 | \$ 68,896,263 | \$ | 7,068,943 | \$ 13,689,238 |


| June 30, 2016 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Financial Assets Under Offsetting, Net Settlement Contracts or Similar Agreements |  |  |  |  |  |  |
|  | Recognized <br> Financial Assets <br> - Gross Amount <br> (a) | Netted Financial Liabilities Recognized on the Balance Sheet - Gross Amount (b) | Recognized Financial Assets - Net Amount (c) $=(\mathbf{a})-(\mathrm{b})$ | Related Amount Not Netted on the Balance Sheet (d) |  | Net Amount$(\mathrm{e})=(\mathrm{c})-(\mathrm{d})$ |
| Financial Assets |  |  |  | Financial Instruments (Note) | Cash Collateral Received |  |
| Securities <br> $\quad$ purchased under <br> resell <br> agreements | \$ 8,016,394 | \$ | \$ 8,016,394 | \$ 8,016,394 | \$ | \$ |
| $\begin{array}{\|l\|} \hline \text { Derivative } \\ \text { financial } \\ \text { instruments } \\ \hline \end{array}$ | 17,737,913 | - | 17,737,913 | 7,837,268 | 331,734 | 9,568,911 |
| Total | \$ 25,754,307 | \$ | \$ 25,754,307 | \$ 15,853,662 | \$ 331,734 | \$ 9,568,911 |


| June 30, 2016 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Financial Liabilities Under Offsetting, Net Settlement Contracts or Similar Agreements |  |  |  |  |  |  |  |
|  | Recognized Financial Liabilities Gross Amount <br> (a) | Netted <br> Financial Assets Recognized on the Balance Sheet - Gross Amount <br> (b) | Recognized Financial Liabilities Net Amount (c) $=(\mathbf{a})-(b)$ | Related Amount Not Netted on the Balance Sheet (d) |  |  | Net Amount$(\mathrm{e})=(\mathrm{c})-(\mathrm{d})$ |
| Financial Liabilities |  |  |  | Financial Instruments (Note) |  | Collateral Pledged |  |
| Notes and bonds issued under repurchase agreements | \$ 49,128,784 | \$ | \$ 49,128,784 | \$ 48,740,508 | \$ | 388,276 | \$ |
| Derivative <br> financial <br> instruments | 20,871,901 | - | 20,871,901 | 7,837,268 |  | 6,553,893 | 6,480,740 |
| Total | \$ 70,000,685 | \$ - | \$ 70,000,685 | \$ 56,577,776 | \$ | 6,942,169 | \$ 6,480,740 |

Note: Financial instruments include master netting arrangements and non-cash collateral.

## 43. CAPITAL MANAGEMENT

a. Objects of capital management

The calculation methods of self-owned capital should be conducted according to the regulations of authorities. The basic management objective includes sufficient capital to meet the requirements of the regulation and achieve the minimum capital adequacy ratio so as to control all risks within the risk appetite.

In order to undertake all kinds of risk, the Bank conducts risk management based on the risk portfolio and the assessment of risk characteristics to design the best capital allocation.
b. Capital management procedures

The Bank had met the authorities' minimum requirements for capital adequacy ratio and reported to the authority quarterly. Eligible capital is calculated according to the "Regulations Governing the Capital Adequacy and Capital Category of Banks"
c. Capital adequacy ratio
(In Thousands of New Taiwan Dollars, \%)


Note 1: The table was prepared in accordance with the "Regulations Governing the Capital Adequacy and Capital Category of Banks" and the "Methods for Calculating Banks' Regulatory Capital and Risk-Weighted Assets".

Note 2: The Bank should disclose the capital adequacy ratios of the current and previous periods in annual financial reports. For semiannual financial reports, the Bank should disclose the capital adequacy ratios of the current and previous periods, and of the previous year-end.

Note 3: The formulas used in calculating the above table entries were as follows:

1) Eligible capital $=$ Common equity capital+ Additional Tier 1 capital + Tier 2 capital.
2) Total risk-weighted asset $=$ Risk-weighted assets for credit risk + (Capital requirement for operational risk + Capital requirements for market risk) $\times 12.5$.
3) Capital adequacy ratio $=$ Eligible capital/Total risk-weighted assets.
4) Ratio of common equity capital to risk-weighted assets $=$ Common equity/Total risk-weighted assets.
5) Ratio of Tier 1 capital to risk-weighted assets $=$ (Common equity capital + Additional Tier 1 capital)/Total risk-weighted assets.
6) Leverage ratio $=$ Tier 1 capital/Exposure measurement.

## 44. TRUST BUSINESS OPERATIONS UNDER THE TRUST ENTERPRISES ACT

The balance sheets and income statements of the trust accounts and trust property accounts were as follows:

| Trust Assets | Balance Sheets of Trust Accounts |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { June 30, } \\ 2017 \end{gathered}$ |  | $\begin{gathered} \text { December 31, } \\ 2016 \end{gathered}$ |  | June 30, 2016 |  | Trust Liabilities | June 30, 2017 |  | (In Thousands of New Taiwan Dollars) |  |  |  |
|  |  |  |  | $\begin{gathered} \text { cember 31, } \\ 2016 \end{gathered}$ |  |  |  |  |  | June 30, 2016 |
| Bank deposits | \$ | 370,953 |  |  | \$ | \$ 310,897 |  | \$ | 408,224 | Payables |  | \$ 152,313 | \$ | 153,951 | \$ | 152,563 |
| Short-term investment |  | 29,831,549 |  | 30,860,207 |  | 30,164,221 | Account payable on securities |  |  |  |  |  |  |
| Financial assets at FVTPL |  | 2,482,227 |  | 2,660,355 |  | 2,467,147 | under custody |  | 4,897,697 |  | 1,909,451 |  | - |
| Receivables |  | 81,686 |  | 26,191 |  | 104,475 | Other liabilities |  | 19,109 |  | 30,906 |  | 1,324,930 |
| Payments for others |  | - |  | - |  | 1,166,795 | Donations |  | 1,811 |  | - |  | -7, - |
| Financial assets measured at cost |  | 7,650 |  | 687,150 |  | 1,401,426 | Trust capital |  | 33,135,608 |  | 34,693,769 |  | 35,316,337 |
| Real estate, net |  | 417,202 |  | 417,202 |  | 831,400 | Accumulated earnings |  | 866,960 |  | 1,067,910 |  | 735,395 |
| Intangible assets - surface rights |  | 984,534 |  | 984,534 |  | 984,534 |  |  |  |  |  |  |  |
| Securities under custody |  | 4,897,697 |  | 1,909,451 |  | - |  |  |  |  |  |  |  |
| Others |  |  |  |  |  | 1,003 |  |  |  |  |  |  |  |
| Total |  | + 39,073,498 |  | \$ 37,855,987 |  | 37,529,225 | Total |  | \$ 39,073,498 |  | 37,855,987 |  | 37.529,225 |

## Income Statements of Trust Accounts

(In Thousands of New Taiwan Dollars)

| For the Three Months Ended <br> June 30 |  | For the Six Months Ended <br> June 30 |
| :---: | :---: | :---: | :---: | :---: |
| 2017 | 2016 |  |


| Trust income and gains |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Operating income | \$ | 60,313 | \$ | 56,913 | \$ | 71,274 | \$ | 66,042 |
| Interest income |  | 313,538 |  | 355,612 |  | 626,414 |  | 661,855 |
| Rental income |  | 7,495 |  | 7,956 |  | 15,232 |  | 15,057 |
| Gain on financial assets at FVTPL, net | Gain on financial assets at |  |  |  |  | 615,790 |  | 286,794 |
| Others income |  | 3,692 |  | 721 |  | 7,819 |  | 21,107 |
| Total trust income and gains |  | 567,485 |  | 245,390 |  | 1,336,529 |  | 1,050,855 |
| Property transaction losses |  | $(74,783)$ |  | $(596,358)$ |  | $(187,079)$ |  | $(1,131,174)$ |
| Trust expenses |  |  |  |  |  |  |  |  |
| Administrative expenses |  | 8,789 |  | 6,066 |  | 16,272 |  | 11,726 |
| Interest expenses |  | - |  | 16,322 |  | - |  | 32,642 |
| Service fee |  | 10 |  | 106 |  | 25 |  | 123 |
| Other expenses |  | 4,532 |  | 4,817 |  | 7,210 |  | 9,737 |
| Total trust expenses |  | 13,331 |  | 27,311 |  | 23,507 |  | 54,228 |
| Net income (loss) | \$ | 479,371 | \$ | $(378,279)$ | \$ | 1,125,943 | \$ | $(134,547)$ |

The above income from trust operations were excluded from the Banks' income.

## Trust Property Accounts

(In Thousands of New Taiwan Dollars)

| Investment Portfolio | $\begin{gathered} \text { June 30, } \\ 2017 \end{gathered}$ |  | $\begin{gathered} \text { December 31, } \\ 2016 \end{gathered}$ |  | $\begin{gathered} \text { June 30, } \\ 2016 \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Bank deposits | \$ | 370,953 | \$ | 310,897 | \$ | 408,224 |
| Short-term investments |  |  |  |  |  |  |
| Funds |  | 28,173,912 |  | 29,104,043 |  | 28,356,693 |
| Bonds |  | 1,375,465 |  | 1,468,806 |  | 1,391,260 |
| Common shares |  | 76,400 |  | 78,300 |  | 79,600 |
| Structured notes |  | 93,766 |  | 93,766 |  | 212,692 |
| ETF |  | 112,006 |  | 115,292 |  | 123,976 |
| Financial assets at FVTPL |  | 2,482,227 |  | 2,660,355 |  | 2,467,147 |
| Payment for others |  | - |  | - |  | 1,166,795 |
| Financial assets measured at cost |  | 7,650 |  | 687,150 |  | 1,401,426 |
| Real estate, net |  | 417,202 |  | 417,202 |  | 831,400 |
| Intangible assets - surface rights |  | 984,534 |  | 984,534 |  | 984,534 |
| Securities under custody |  | 4,897,697 |  | 1,909,451 |  | - |
| Other assets |  | 81,686 |  | 26,191 |  | 105,478 |
| Total | \$ | 39,073,498 | \$ | 37,855,987 | \$ | 37,529,225 |

## 45. ALLOCATION OF REVENUE, COST AND EXPENSE RESULTING FROM INTERCOMPANY COOPERATION AND RESOURCE SHARING

For the cooperation and resource sharing between CDFH, the Bank's parent, and CDFH's subsidiaries, please refer to Note 38 to the consolidated financial statements.

## 46. PROFITABILITY

| Items |  | June 30, 2017 | June 30, 2016 |
| :--- | :--- | :---: | :---: |
| Return on total assets | Before income tax | 0.72 | 0.81 |
|  | After income tax | 0.56 | 0.76 |
| Return on net worth | Before income tax | 7.07 | 7.44 |
|  | After income tax | 5.53 | 6.99 |
| Profit margin |  |  | 31.22 |

Note 1: Return on total assets = Income before (after) income tax/Average total assets.

Note 2: Return on net worth = Income before (after) income tax/Average net worth.
Note 3: Profit margin = Income after income tax/Total net revenues.
Note 4: Income before (after) income tax means income accumulated from January of the current period to the current period.

Note 5: The above profitability ratios are expressed annually.

## 47. ADDITIONAL DISCLOSURES

a. Information about significant transactions:

1) Financing provided: The Bank: Not applicable. For subsidiaries' information: None.
2) Collaterals/guarantees provided: The Bank: Not applicable. For subsidiaries' information: Table 1 (attached).
3) Marketable securities held: The Bank: Not applicable. For subsidiaries' information: Table 2 (attached).
4) Acquired and disposed of, at cost or price of at least NT $\$ 300$ million or $10 \%$ of the issued capital (For subsidiaries acquiring and disposing of marketable securities, at cost or price of at least NT $\$ 300$ million or $10 \%$ of the issued capital): None.
5) Acquisition of individual real estate at cost of at least $\mathrm{NT} \$ 300$ million or $10 \%$ of the issued capital: None.
6) Disposal of individual real estate at price of at least $\mathrm{NT} \$ 300$ million or $10 \%$ of the issued capital: None.
7) Discount on service fees received from related parties amounting to NT\$5 million: None.
8) Receivables from related parties amounting to NT\$300 million or $10 \%$ of the issued capital: None.
9) Sold nonperforming loans: None.
10) Financial asset securitization: None.
11) Other significant transactions which may affect the decisions of the consolidated financial statements users: None.
12) Derivative transactions: Please refer to Notes 8,41 and 42 to the consolidated financial statements.
b. Related information and proportionate share in investees: Table 3 (attached).
c. Information on investments in Mainland China: Table 4 (attached).
d. Business relationships and significant transactions among the Bank and subsidiaries. Table 5 (attached).

## 48. SEGMENT INFORMATION

The information which the Bank and subsidiaries provide for decision makers to allocate resources and evaluate performance of departments is focused on operation's nature and profit or loss. The reportable segments of the Bank and subsidiaries were as follows:
a. Retail banking segment: The segment mainly provides cash cards, credit cards, personal loans, mortgages, emerging corporate, deposits, remittances, wealth management, etc.
b. Corporate banking segment: The segment mainly provides services such as processing deposits and loans of large-scale enterprises and small and medium enterprises.
c. Global markets segment: The segment's services include the distribution of funds, issuance of bank debentures, handling money market and bond market transactions, foreign exchange handling, and dealing with other financial market-related products (such as derivative instruments) and transactions.
d. Others: Mainly include the administration segment of head office and summarized of other non-independent segments.

The accounting policies of the operating segments are the same as the accounting policies described in Note 4. The Bank and subsidiaries use income before income tax as the measurement for segment profit and the basis of performance assessment. The net revenue, income before income tax, assets and liabilities are composed of revenues and expenses directly attributable to an operating segment.

## Segment revenues and results

The following is an analysis of the Bank and subsidiaries' revenue and results of operations by reportable segment:

| Retail | Corporate | Global <br> Banking <br> Segment |
| :--- | :---: | :---: |
| Banking <br> Segment | Markets <br> Segment |  |

Others
Total
For the three months ended June 30, 2017
Interest revenue, net
Net revenue (loss) - intersegment
Noninterest profits and gains, net
Net revenue
Allowance for bad debts expense and
guarantee liability provision, net
Operating expenses
Income (loss) before income tax
Income tax expense
Net income (loss)
For the three months ended June 30, 2016
Interest revenue, net
Net revenue (loss) - intersegment
Noninterest profits and gains (losses), net
Net revenue
Reversal of allowance (allowance) for bad
debts expense and guarantee liability
provision, net
Operating expenses
Income (loss) before income tax
Income tax expense
Net income (loss)

For the six months ended June 30, 2017
Interest revenue, net
Net revenue (loss) - intersegment
Noninterest profits and gains, net
Net revenue
Reversal of allowance (allowance) for bad
debts expense and guarantee liability
provision, net
Operating expenses
Income (loss) before income tax
Income tax expense
Net income (loss)

| \$ | 772,131 | \$ | 490,499 | \$ | 317,250 | \$ | 44,676 |  | 1,624,556 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 104,051 |  | 132,825 |  | $(304,754)$ |  | 67,878 |  |  |
|  | 321,900 |  | 83,332 |  | 609,566 |  | 70,335 |  | 1,085,133 |
|  | 1,198,082 |  | 706,656 |  | 622,062 |  | 182,889 |  | 2,709,689 |
|  | $(17,880)$ |  | $(95,901)$ |  | $(1,134)$ |  | $(91,279)$ |  | $(206,194)$ |
|  | $(720,883)$ |  | $(161,801)$ |  | $(76,584)$ |  | $(454,114)$ |  | (1,413,382) |
|  | 459,319 |  | 448,954 |  | 544,344 |  | $(362,504)$ |  | 1,090,113 |
|  | - |  | - |  | - |  | $(337,946)$ |  | $(337,946)$ |
| \$ | 459,319 | \$ | 448,954 | S | 544,344 | \$ | $(700,450)$ |  | 752,167 |
| \$ | 553,871 | \$ | 565,445 | \$ | 217,361 | \$ | 59,140 |  | 1,395,817 |
|  | 477,122 |  | $(44,626)$ |  | $(159,558)$ |  | $(272,938)$ |  |  |
|  | 137,813 |  | 77,374 |  | 580,939 |  | 300,181 |  | 1,096,307 |
| 1,168,806 |  |  | 598,193 |  | 638,742 |  | 86,383 |  | 2,492,124 |
| $\begin{gathered} 56,983 \\ (734,577) \end{gathered}$ |  |  | $(26,010)$ |  | $(27,280)$ |  | $(58,163)$ |  | $(54,470)$ |
|  |  |  | $(151,033)$ |  | $(23,907)$ |  | $(388,898)$ |  | (1,298,415) |
| 491,212 |  |  | 421,150 |  | 587,555 |  | $(360,678)$ |  | 1,139,239 |
|  |  |  | - |  | - |  | $(102,129)$ |  | $(102,129)$ |
|  | 491,212 | \$ | 421,150 | \$ | 587,555 | \$ | $(462,807)$ |  | 1,037,110 |
| \$ | 1,510,852 | \$ | 961,220 | \$ | 468,785 | \$ | 89,369 |  | 3,030,226 |
|  | 197,625 |  | 301,140 |  | $(338,451)$ |  | $(160,314)$ |  |  |
|  | 631,087 |  | 189,289 |  | 1,299,302 |  | 113,749 |  | 2,233,427 |
| 2,339,564 |  |  | 1,451,649 |  | 1,429,636 |  | 42,804 |  | 5,263,653 |
| $\begin{gathered} 44,081 \\ (1,421,475) \\ \hline \end{gathered}$ |  |  | $(277,631)$ |  | $(8,123)$ |  | $(102,971)$ |  | $(344,644)$ |
|  |  |  | $(327,275)$ |  | $(176,286)$ |  | $(893,427)$ |  | (2,818,463) |
| 962,170 |  |  | 846,743 |  | 1,245,227 |  | $(953,594)$ |  | 2,100,546 |
|  |  |  | - |  | - |  | $(457,170)$ |  | $(457,170)$ |
| \$ 962,170 |  | \$ | 846,743 |  | 1,245,227 |  | $(1,410,764)$ |  | 1,643,376 |
|  |  |  |  |  |  |  |  |  | Continued) |


| Retail | Corporate | Global <br> Banking | Banking <br> Markets | Others |
| :--- | :---: | :---: | :--- | :---: |

For the six months ended June 30, 2016

Interest revenue, net
Net revenue (loss) - intersegment
Noninterest profits and gains (losses), net Net revenue
Reversal of allowance (allowance) for bad debts expense and guarantee liability provision, net
Operating expenses
Income (loss) before income tax
Income tax expense

Net income (loss)


## KGI BANK AND SUBSIDIARIES

COLLATERALS/GUARANTEE PROVIDED FOR THE SIX MONTHS ENDED JUNE 30, 2017
(In Thousands of New Taiwan Dollars)

|  |  | Counter-party |  | Limits on Each Counter-party's Collateral/ Guarantee Amounts | $\begin{aligned} & \text { Maximum } \\ & \text { Balance for the } \\ & \text { Period } \end{aligned}$ | Ending Balance | Actual Amount Drawn Down | Carrying Value (as of Balance Sheet Date) of Properties Guaranteed by Collateral | Ratio of <br> Accumulated <br> Amount of <br> Collateral to Net <br> Worth Shown in <br> the Provider's <br> Latest Financial <br> Statements | Maximum Collateral/ Guarantee Amounts Allowable | Provision of Endorsements by Parent Company to Subsidiary | Provision of Endorsements by Subsidiary to Parent Company | Provision of Endorsements to the Company in Mainland China |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| No. | Collaterals/Guarantee Provider | Name | Nature of Relationship |  |  |  |  |  |  |  |  |  |  |
| 1 | CDIB Management Consulting Corporation | CDIB International Leasing Corporation | Note 1 | \$ 5,274,760 | \$ 2,625,883 | \$ 2,079,553 | \$ 608,720 | \$ | 197.12\% | $\begin{array}{r} \$ 5,274,760 \\ \text { (Note 2) } \end{array}$ | No | No | Yes |

Note 1: The Bank and subsidiary own directly over $50 \%$ ownership of the investee company
Note 2: The total amount of guarantee provided should not exceed 5 times of the net asset value shown in the latest financial report of CDIB Management Consulting Corporation.

## KGI BANK AND SUBSIDIARIES

## MARKETABLE SECURITIES HELD

JUNE 30, 2017
(In Thousands of New Taiwan Dollars)

| Holding Company | Marketable Security Type and Issuer | Relationship with the Holding Company | Financial Statement Account | June 30, 2017 |  |  |  | Note |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Shares/Face Value/Units | Carrying Value | Percentage of Ownership | Market Value or Net Asset Value (Note 2) |  |
| CDIB Management Consulting Corporation | Stock <br> CDC Finance \& Leasing Corporation <br> CDIB International Leasing Corporation | Subsidiary <br> Subsidiary | Investments accounted for using the equity method Investments accounted for using the equity method | 58,328,460 | $\begin{array}{r} \$ 629,495 \\ 266,047 \end{array}$ | $\begin{array}{r} 76.04 \\ 100.00 \end{array}$ | $\begin{array}{r} \$ 629,495 \\ 266,047 \end{array}$ |  |
| CDC Finance \& Leasing Corporation | Stock <br> Hwahong Corporation | Associate | Investments accounted for using the equity method | 23,750 | 615 | 19.00 | 615 |  |

Note 1: The Bank and subsidiaries recognized the related income or loss of investees as required by regulations. For decline in value that was other than temporary, investment loss was recognized.

 not represent the value of unlisted stocks on the balance sheet date.

Note 3: No securities were treated as collaterals or warrants.
Note 4: The above companies which are the subsidiaries of the Bank were eliminated from the consolidated financial statements.

## KGI BANK AND SUBSIDIARIES

## INFORMATION ON INVESTED ENTERPRISES

## JUNE 30, 2017

(In Thousands of New Taiwan Dollars)

| Investee Company | Location | Main Business | Balance as of June 30, 2017 |  |  | Consolidated Investment (Note 1) |  |  |  | Note |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{array}{\|c} \hline \text { Percentage } \\ \text { of } \\ \text { Ownership } \end{array}$ | Carrying Value | Investment Gain (Loss) | Present Shares | Virtual Shares <br> (Note 2) | Shares | $\begin{array}{\|c} \text { Percentage } \\ \text { of } \\ \text { Ownership } \end{array}$ |  |
| Financial industry-related |  |  |  |  |  |  |  |  |  |  |
| Taipei Foreign Exchange Inc. | Taiwan | Foreign exchange trading, financial derivatives trading | 0.40 | \$ 800 | \$ 320 | 80,000 | - | 80,000 | 0.40 |  |
| Taiwan Futures Exchange | Taiwan | Futures exchange and settlement | 0.51 | 10,250 | 3,450 | 18,734,929 | - | 18,734,929 | 6.12 |  |
| Financial Information Service Co., Ltd. | Taiwan | Telecommunication service; information system service | 1.23 | 49,120 | - | 6,410,160 | - | 6,410,160 | 1.23 |  |
| Taiwan Asset Management Co., Ltd. | Taiwan | Evaluating, auctioning and managing financial institutions' loans | 0.57 | 75,000 | 6,020 | 7,500,000 | - | 7,500,000 | 0.57 |  |
| Reliance Securities Investment Trust Co., Ltd. | Taiwan | Issue beneficiary certificates; raise investment funds | 12.31 | 46,752 | - | 3,840,175 | - | 3,840,175 | 12.31 |  |
| Sunlight Asset Management Co., Ltd. | Taiwan | Purchasing for financial institutions' loans | 5.74 | 3,445 | 401 | 344,476 | - | 344,476 | 5.74 |  |
| Taiwan Financial Asset Service Company | Taiwan | Other activities auxiliary to financial service activities | 2.94 | 50,000 | - | 5,000,000 | - | 5,000,000 | 2.94 |  |
| Taiwan Mobile Payment | Taiwan | Communication and IT service | 1.00 | 6,000 | - | 600,000 | - | 600,000 | 1.00 |  |
| CDIB Management Consulting Corporation | Taiwan | Management consultancy activities | 100.00 | 936,679 | $(140,719)$ | 153,171,873 | - | 153,171,873 | 100.00 |  |
| Nonfinancial industry-related |  |  |  |  |  |  |  |  |  |  |
| Euroc II Venture Capital Corp. | Taiwan | Venture capital corporation | 7.50 | 8,759 | - | 2,244,000 | - | 2,244,000 | 7.50 |  |
| Cosmos Construction Management Corporation | Taiwan | Valuation on real estate, contract evaluation | 9.39 | - | - | 6,991,000 | - | 6,991,000 | 9.39 |  |
| Lieu-An Service Co. | Taiwan | ATM cash cartridge replacement and service provision | 5.00 | 1,250 | - | 125,000 | - | 125,000 | 5.00 |  |
| Euroc III Venture Capital Corp. | Taiwan | Venture capital corporation | 5.00 | 4,283 | - | 990,000 | - | 990,000 | 5.00 |  |
| CDIB \& Partners Investment Holding Corp. | Taiwan | General investment corporation | 4.95 | 800,417 | 16,163 | 367,200,000 | - | 367,200,000 | 33.66 |  |

Note 1: All present shares or virtual shares of the Bank, directors, supervisors, the Bank's managers, and affiliates should be included


 under International Accounting Standard 39 "Accounting for Financial Instruments", such as stock options.

Note 3: The above companies which are the subsidiaries of the Bank were eliminated from the consolidated financial statements.

## KGI BANK AND SUBSIDIARIES

INFORMATION ON INVESTMENT IN MAINLAND CHINA
JUNE 30, 2017
(In Thousands of New Taiwan Dollars, Unless Stated Otherwise)

| Investee Company Name | Main Businesses and Products | Total Paid-in Capital | $\begin{gathered} \text { Investment } \\ \text { Type } \end{gathered}$ | Accumulated <br> Outflow of <br> Investment from <br> Taiwan as of <br> January 1, 2017 | Investment Flows |  | Accumulated <br> Outflow of <br> Investment from <br> Taiwan as of <br> June 30, 2017 | Net Loss of the investee (Note 2) | $\%$ <br> Ownership <br> of Direct or <br> Indirect <br> Investment | Investment Loss (Note 2) | $\begin{gathered} \text { Carrying Value } \\ \text { as of } \\ \text { June 30, } 2017 \end{gathered}$ | Accumulated Inward Remittance of Earnings as of June 30, 2017 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Outflow | Inflow |  |  |  |  |  |  |
| CDIB International Leasing Corporation | Financial leasing and management business consulting | $\begin{array}{rr} \text { RMB } & 187,750 \\ \text { thousand } \end{array}$ | Note 1 (a) | US\$ $\begin{array}{r}30,000 \\ \text { thousand }\end{array}$ | \$ | \$ | US\$ $\begin{array}{r}30,000 \\ \text { thousand }\end{array}$ | \$ (147,581) | 100.00 | \$ (147,581) | \$ 266,047 | \$ |


| Accumulated Investment in <br> Mainland China as of June 30, 2017 | Investment Amount Authorized by the <br> Investment Commission, MOEA | Limit on Investment |
| :---: | :---: | :---: |
| $\$ 913,080$ (US $\$ 30,000$ thousand) | US $\$ 30,000$ thousand | $\$ 562,007$ |

Note 1: The investment types are as follows:
a. Direct investments.
b. Reinvested through an investee company at a third place
c. Other.

Note 2: Financial statements audited by an international CPA firm having a cooperative relation with CPA firms in the Republic of China
Note 3: Exchange rate as of reporting date of the financial statement was used in translating foreign currency.

## KGI BANK AND SUBSIDIARIES

BUSINESS RELATIONSHIPS AND SIGNIFICANT INTERCOMPANY TRANSACTIONS
FOR THE SIX MONTHS ENDED JUNE 30, 2017
FOR THE SIX MONTHS ENDED JUN
(In Thousands of New Taiwan Dollars)

|  | Trader Company | Related Party | Flow ofTransactions(Note 2) | Content of Transaction (Note 5) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{\|c\|} \text { No. } \\ \text { (Note 1) } \end{array}$ |  |  |  | Financial Statement Accounts | Amounts | Trading Terms | Transaction Amount/Total Consolidated Revenue or Total Consolidated Assets (Note 3) |
| 0 | KGI Bank | CDC Finance \& Leasing Corporation | 1 | Deposit and remittances | \$ 21,513 | Note 4 | - |
| 1 | CDC Finance \& Leasing Corporation | KGI Bank | 2 | Cash and cash equivalents | 21,513 | Note 4 | - |

Note 1: The consolidated entities are identified in the No. column as follows: Parent company - " 0 "; subsidiaries - numbered from 1 by company.
Note 2: Transaction flows are as follows: (1) from parent to subsidiary; (2) from subsidiary to parent; and (3) between subsidiaries.

Note 4: The transaction criteria for related parties are similar to those for third parties.
Note 5: Transactions each amounted to at least NT\$10 million.
Note 6: The above transactions and balances were not included in the consolidated financial statements.

