## KGI Bank and Subsidiaries

Consolidated Financial Statements for the Years Ended December 31, 2017 and 2016 and Independent Auditors' Report

The Bank required to be included in the consolidated financial statements of affiliates in accordance with the "Criteria Governing Preparation of Affiliation Reports, Consolidated Business Reports and Consolidated Financial Statements of Affiliated Enterprises" for the year ended December 31, 2017 are all the same as the companies required to be included in the consolidated financial statements of parent and subsidiary companies as provided in International Financial Reporting Standard 10 "Consolidated Financial Statements". Relevant information that should be disclosed in the consolidated financial statements of affiliates has all been disclosed in the consolidated financial statements of parent and subsidiary companies. Hence, we do not prepare a separate set of consolidated financial statements of affiliates.

Very truly yours,
KGI BANK

March 22, 2018

## INDEPENDENT AUDITORS＇REPORT

KGI Bank

## Opinion

We have audited the accompanying consolidated financial statements of KGI Bank（the Bank）and its subsidiaries，which comprise the consolidated balance sheets as of December 31， 2017 and 2016， and the related consolidated statements of comprehensive income，changes in equity and cash flows for the years 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 its subsidiaries as of December 31， 2017 and 2016，and their consolidated financial performance and their consolidated cash flows for the years then ended in conformity with the Regulations Governing the Preparation of Financial Reports by Public Banks，International Financial Reporting Standards（IFRS），International Accounting Standards（IAS），IFRIC Interpretations（IFRIC），and SIC Interpretations（SIC） 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 its 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 year ended December 31，2017．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 its subsidiaries for the year ended December 31, 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 $50 \%$ 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 year ended December 31, 2017.

Refer to Notes 4,5 and 43 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 years ended December 31, 2017 and 2016 on which we have issued an unmodified opinion thereon.

## 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 the Regulations Governing the Preparation of Financial Reports by Public Banks, the guidelines issued by the authorities International Financial Reporting Standards (IFRS), International Accounting Standards (IAS), IFRIC Interpretations (IFRIC), and SIC Interpretations (SIC) 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 its 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 its 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 its 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 its 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 its 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 its 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 its subsidiaries to express an opinion on the consolidated financial statements. We are responsible for the direction, supervision and performance of the Bank and its 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 year ended December 31, 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
March 22, 2018

## 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
DECEMBER 31, 2017 AND 2016
(In Thousands of New Taiwan Dollars)

## ASSETS

CASH AND CASH EQUIVALENTS (Notes 4, 6 and 39)
DUE FROM THE CENTRAL BANK AND CALL LOANS TO BANKS (Notes 7 and 40)

FINANCIAL ASSETS AT FAIR VALUE THROUGH PROFIT OR LOSS (Notes 4, 8, 39 and 40) SECURITIES PURCHASED UNDER RESELL AGREEMENTS (Notes 4 and 9)

RECEIVABLES, NET (Notes 4, 10, 39 and 40)
CURRENT TAX ASSETS (Notes 4 and 37)

ASSETS HELD FOR SALE, NET (Notes 4 and 15)
DISCOUNTS AND LOANS, NET (Notes 4, 11 and 39)

AVAILABLE-FOR-SALE FINANCIAL ASSETS (Notes 4, 12 and 40)
INVESTMENTS ACCOUNTED FOR USING EQUITY METHOD, NET (Notes 4 and 13)
OTHER FINANCIAL ASSETS, NET (Notes 14 and 40)
PROPERTY AND EQUIPMENT, NET (Notes 4, 15 and 40)
INVESTMENT PROPERTY, NET (Notes 4, 16 and 40)

INTANGIBLE ASSETS, NET
DEFERRED TAX ASSETS (Notes 4 and 37)

OTHER ASSETS, NET (Notes 17, 26, 39 and 40)
TOTAL

## LIABILITIES AND EQUITY

## LIABILITIES

Deposits from the Central Bank and banks (Notes 18 and 39)
Financial liabilities at fair value through profit or loss (Notes 4, 8 and 39)
Notes and bonds issued under repurchase agreements (Notes 4, 8, 12 and 19)
Payables (Notes 20 and 39)
Current tax liabilities (Notes 4, 37 and 39)
Deposits and remittances (Notes 21 and 39)
Bank debentures payable (Note 22)
Principal received on structured notes
Commercial paper payable, net (Note 23)
Other borrowings (Note 24)
Other financial liabilities
Provisions (Notes 4, 25 and 26)
Deferred tax liabilities (Notes 4 and 37)
Other liabilities (Note 27)
Total liabilities

EQUITY (Notes 4 and 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 statement
Unrealized losses on available-for-sale financial asset
Total other equity
Total equity of parent company
Non-controlling interests
Total equity
TOTAL

43,284,681
45,444,814 6,871,99 412,845
376,623,134 1,000,000 20,147,989 1,224,479 2,905,082

3,162
230,129
243,838 1,985,821

528,708,657

$$
\underline{-}
$$

90

| $46,061,623$ |
| ---: |
| $7,245,723$ |
| 4,830 |
| $7,250,553$ |



$\begin{array}{r}61,221,750 \\ \hline 195,67\end{array}$
61,417,422
$\$$ 590,126,079 100

| $46,061,623$ |
| ---: |
| $7,245,710$ |
| 3,570 |
| $7,249,280$ |
| $2,573,818$ |
| 409,670 |
| $3,735,739$ |
| $6,719,227$ |

29,311

| 29,311 |
| ---: |
| $(1,334,152)$ |

\$ 30,917,374
39,408,142
62,138,314 $\quad 11$
4,189,647
379,732
343,447,506
2,684,236
2,875,414
$21,875,414$
$2,557,309$
3,162,103
877
236,659
78,585
$2,146,125$
513,222,023
90
\$ 572,142,599

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

## KGI BANK AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
FOR THE YEARS ENDED DECEMBER 31, 2017 AND 2016
(In Thousands of New Taiwan Dollars, Except Earnings Per Share)


## KGI BANK AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
FOR THE YEARS ENDED DECEMBER 31, 2017 AND 2016
(In Thousands of New Taiwan Dollars, Except Earnings Per Share)

|  | 2017 |  | 2016 |  |  | Percentage Increase$\frac{\text { (Decrease) }}{\%}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Amount | \% |  | Amount | \% |  |
| OPERATING EXPENSES (Notes 26, 35, 36 and 39) |  |  |  |  |  |  |
| Employee benefits expense | \$ (3,595,271) | (31) | \$ | $(3,437,649)$ | (32) | 5 |
| Depreciation and amortization expense | $(357,699)$ | (3) |  | $(305,431)$ | (3) | 17 |
| Other general and administrative expenses | $(2,019,606)$ | (18) |  | $(2,031,637)$ | (19) | (1) |
| Total operating expenses | $(5,972,576)$ | (52) |  | $(5,774,717)$ | (54) | 3 |
| INCOME BEFORE INCOME TAX | 5,057,023 | 44 |  | 4,755,662 | 44 | 6 |
| INCOME TAX EXPENSE (Notes 4 and 37) | $(1,874,675)$ | (16) |  | $(927,070)$ | (9) | 102 |
| NET INCOME | 3,182,348 | 28 |  | 3,828,592 | 35 | (17) |
| OTHER COMPREHENSIVE INCOME <br> (Note 4) |  |  |  |  |  |  |
| Items that will not be reclassified subsequently to profit or loss, net of tax |  |  |  |  |  |  |
| Losses on remeasurements of defined benefit plans | $(38,178)$ | - |  | $(109,967)$ | (1) | (65) |
| Share of the other comprehensive income (loss) of associates accounted for using the equity method | (15) | - |  | 33 | - | (145) |
| Income tax related to the items that will not be reclassified subsequently to profit or loss | 6,220 | - |  | 18,801 | - | (67) |
| Items that will be reclassified <br> subsequently to profit or loss, net of tax |  |  |  |  |  |  |
| Exchange differences on translation of foreign financial statements | $(19,135)$ | - |  | $(127,209)$ | (1) | (85) |
|  |  |  |  |  |  | (Continued) |

## KGI BANK AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
FOR THE YEARS ENDED DECEMBER 31, 2017 AND 2016
(In Thousands of New Taiwan Dollars, Except Earnings Per Share)

|  | 2017 |  |  | 2016 |  |  | Percentage$\begin{gathered} \begin{array}{c} \text { Increase } \\ \text { (Decrease) } \end{array} \\ \hline \% \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Amount | \% |  | Amount | \% |  |
| Unrealized gains (losses) on available-for-sale financial assets | \$ | 922,726 | 8 | \$ | $(807,356)$ | (7) | 214 |
| Share of the other comprehensive income of associates accounted for using the equity method |  | 144,351 | 1 |  | 37,568 | - | 284 |
| Other comprehensive loss, net of tax |  | 1,015,969 | 9 |  | $(988,130)$ | (9) | 203 |
| TOTAL COMPREHENSIVE INCOME, <br> NET OF TAX | \$ | 4,198,317 | 37 | \$ | 2,840,462 | 26 | 48 |
| NET PROFIT ATTRIBUTABLE TO: <br> Shareholders of parent company | \$ | 3,180,005 | 28 | \$ | 3,827,023 | 35 | (17) |
| Non-controlling interests |  | 2,343 | - |  | 1,569 | - | 49 |
|  | \$ | 3,182,348 | 28 | \$ | 3,828,592 | 35 | (17) |
| TOTAL COMPREHENSIVE INCOME ATTRIBUTABLE TO: |  |  |  |  |  |  |  |
| Shareholders of parent company | \$ | 4,196,356 | 37 | \$ | 2,840,568 | 26 | 48 |
| Non-controlling interests |  | 1,961 | - |  | (106) | - | 1,950 |
|  | \$ | 4,198,317 | 37 | \$ | 2,840,462 | 26 | 48 |
| EARNINGS PER SHARE (NEW |  |  |  |  |  |  |  |
| TAIWAN DOLLARS; Note 38) |  |  |  |  |  |  |  |
| Basic |  | \$ 0.69 |  |  | \$ 0.83 |  |  |

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

## KGI BANK AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CHANGES IN EQUIT
FOR THE YEARS ENDED DECEMBER 31, 2017 AND 2016
(In Thousands of New Taiwan Dollars)


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

## KGI BANK AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CASH FLOWS
FOR THE YEARS ENDED DECEMBER 31, 2017 AND 2016
(In Thousands of New Taiwan Dollars)

## CASH FLOWS FROM OPERATING ACTIVITIES

Income before income tax
Adjustments for:
Depreciation expenses
Amortization expenses
Allowance for bad debts expense and guarantee liability provision
Interest expense
Interest income
Dividend income
Share of profits of associates accounted for using equity method
Impairment loss recognized on non-financial assets
Gain on disposal of collaterals
Gain on disposal of assets held of sale Others
Changes in operating assets and liabilities
Decrease (increase) in due from the Central Bank and call loans to banks
Decrease (increase) in financial assets at fair value through profit or loss
Increase in securities purchased under resell agreement
Decrease in receivables
Increase in discounts and loans
Increase in available-for-sale financial assets
Increase in other financial assets
Decrease (increase) in other assets
(Decrease) increase in deposits from the Central Bank and banks
Increase in financial liabilities at fair value through profit or loss
(Decrease) increase in notes and bonds issued under repurchase agreements
Increase (decrease) in payables
Increase (decrease) in deposits and remittances
Decrease in other financial liabilities
(Decrease) increase in other liabilities
Cash inflow (outflow) generated from operations
Interest received
Dividend received
Interest paid
Income taxes received (paid)
17,482,176

43,398,353
$(595,974)$
6,204,611
$(41,623,075)$
$(38,017,723)$
$(3,979,933)$
2,549,764
$(2,586,682)$
3,876,539
$(16,693,500)$
1,813,988
33,175,628
$(1,725,140)$
$(49,517)$
2,266,640
10,565,697
323,683
$(3,276,844)$
12,017

Net cash flows generated from (used in) operating activities

CASH FLOWS FROM INVESTING ACTIVITIES
Acquisition of property and equipment
$(507,822)$
$(255,448)$
Proceeds from disposal of property and equipment 17,757

15,843
Disposal of collaterals
$(16,049,616)$
(18,777,174)
$12,531,829$
$(34,717,956)$
$(34,283,671)$
$(3,615,110)$
$(196,548)$
21,355,899
13,223,487

1,128,284
$(343,443)$
$(10,723,339)$
$(429,327)$
262,503
$(71,383,807)$
8,708,287
314,568
(2,972,263)
$(168,134)$
2016

211,843
93,588
258,744
3,304,744
$(9,067,339)$
$(295,668)$
$(13,554)$

2,355
(168,134)
$(65,501,349)$

## KGI BANK AND SUBSIDIARIES

CONSOLIDATED STATEMENTS OF CASH FLOWS
FOR THE YEARS ENDED DECEMBER 31, 2017 AND 2016
(In Thousands of New Taiwan Dollars)


EFFECTS OF EXCHANGE RATE CHANGES ON CASH AND CASH
EQUIVALENTS
NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS
$\qquad$
$\qquad$

4,352,510
(67,979,641)
CASH AND CASH EQUIVALENTS AT THE BEGINNING OF THE YEAR

## CASH AND CASH EQUIVALENTS AT THE END OF THE YEAR

\$ 47,010,963
$\$ 42,658,453$
Reconciliation of the amounts in the consolidated statements of cash flows with the equivalent items reported in the consolidated balance sheets as of December 31, 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

December 31

| December 31 |  |  |  |
| ---: | ---: | ---: | ---: |
|  | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ |  |
| $\$$ | $14,332,827$ | $\$$ | $6,844,281$ |
|  | $14,444,968$ |  | $35,018,322$ |
|  | $18,233,168$ |  | 795,850 |
|  | $47,010,963$ | $\$ 42,658,453$ |  |

## KGI BANK AND SUBSIDIARIES

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEARS ENDED DECEMBER 31, 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 December 31, 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 March 22, 2018.

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

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

Except for the following, whenever applied, the initial application of the amendments to the Regulations Governing the Preparation of Financial Reports by Public Banks and the IFRSs endorsed and issued into effect by the FSC would not have any material impact on the Bank and subsidiaries' accounting policies:

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 49.
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 39.
b. The IFRSs and the Regulations Governing the Preparation of Financial Reports by Public Banks endorsed by the FSC for application starting from 2018.

## New IFRSs

Annual Improvements to IFRSs 2014-2016 Cycle
Amendments to IFRS 2 "Classification and Measurement of Share-based Payment Transactions"
Amendments to IFRS 4 "Applying IFRS 9 Financial Instruments with IFRS 4 Insurance Contracts"
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"
Amendments to IFRS 15 "Clarifications to IFRS 15 Revenue from Contracts with Customers"
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, 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

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.
2) IFRS 9 "Financial Instruments" and related amendments

## Classification, 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.

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.

The Bank and subsidiaries analyzed the facts and circumstances of its financial assets that exist at December 31, 2017 and performed the assessment of the impact of IFRS 9 on the classification and measurement of financial assets. Under IFRS 9:
a) Listed shares, and OTC shares classified as available-for-sale will be classified as at fair value through profit or loss, or it will be designated as at fair value through other comprehensive income and the fair value gains or losses accumulated in other equity will be transferred directly to retained earnings instead of being reclassified to profit or loss on disposal. Besides this, unlisted shares measured at cost will be measured at fair value through other comprehensive income instead;
b) Debt instruments classified as available-for-sale will be classified as at fair value through other comprehensive income under IFRS 9, because, on initial recognition, contractual cash flows are solely payments of principal and interest on the principal outstanding and these investments are held within a business model whose objective is achieved both by collecting contractual cash flows and selling financial assets;
c) Debt instruments classified as debt investments with no active market and measured at amortized cost will be classified as measured at amortized cost under IFRS 9 because, on initial recognition, the contractual cash flows that are solely payments of principal and interest on the principal outstanding and these investments are held within a business model whose objective is to collect contractual cash flows.

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 and is not low since initial recognition. However, a loss allowance for full lifetime expected credit losses is required for trade receivables which do not constitute a financing transaction.

The Bank and subsidiaries elects not to restate prior reporting periods when applying the requirements for the classification, measurement and impairment of financial assets under IFRS 9 with the cumulative effect of the initial application recognized at the date of initial application and will provide the disclosures related to the change of classification and the adjustment information upon initial application of IFRS 9.

The anticipated impact on assets, liabilities and equity of retrospective application of the requirements for the classification, measurement and impairment of financial assets under IFRS 9 as of January 1, 2018 is set out below:

|  | Carrying <br> Amount as of <br> December 31, <br> $\mathbf{2 0 1 7}$ | Adjustments <br> Arising from <br> Initial <br> Application | Adjusted <br> Carrying <br> Amount as of |
| :--- | ---: | :--- | ---: | ---: |
| January 1, 2018 |  |  |  |

3) IFRS 15 "Revenue from Contracts with Customers" and related amendments

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.

Revenue from contracts with customers of the Bank and subsidiaries are both one component in the current recognition principle and after applying IFRS 15, thus the Bank and subsidiaries assesses that assets, liabilities and equities on the December 31, 2017 as well as comprehensive incomes and cash flows for the year ended December 31, 2017 will not be affected by applying IFRS 15.
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 a deferred tax asset, the Bank and subsidiaries currently assumes it will recover the asset at its carrying amount when estimating probable future taxable profit; the amendments 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 assesses that the application of other standards and interpretations will have no material impact on the Bank and subsidiaries' financial position and financial performance.
c. New IFRSs in issue but not yet endorsed and issued into effect by the FSC

## New IFRSs

Annual Improvements to IFRSs 2015-2017 Cycle
Amendments to IFRS 9 "Prepayment Features with Negative Compensation"
Amendments to IFRS 10 and IAS 28 "Sale or Contribution of Assets between an Investor and its Associate or Joint Venture"
IFRS 16 "Leases"
IFRS 17 "Insurance Contracts"
Amendments to IAS 19 "Plan Amendment, Curtailment or Settlement"
Amendments to IAS 28 "Long-term Interests in Associates and Joint Ventures"
IFRIC 23 "Uncertainty Over Income Tax Treatments"

## Effective Date Announced by IASB (Note 1)

January 1, 2019
January 1, 2019 (Note 2)
To be determined by IASB

January 1, 2019 (Note 3)
January 1, 2021
January 1, 2019 (Note 4)

January 1, 2019

January 1, 2019

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 FSC permits the election for early adoption of the amendments starting from 2018.
Note 3: On December 19, 2017, the FSC announced that IFRS 16 will take effect starting from January 1, 2019.

Note 4: The Bank and subsidiaries shall apply these amendments to plan amendments, curtailments or settlements occurring on or after January 1, 2019.

1) Amendments to IFRS 9 "Prepayment Features with Negative Compensation"

IFRS 9 stipulated that if a contractual term of a financial asset permits the issuer (i.e. the debtor) to prepay a debt instrument or permits the holder (i.e. the creditor) to put a debt instrument back to the issuer before maturity and the prepayment amount substantially represents unpaid amounts of principal and interest on the principal amount outstanding, which may include reasonable compensation for early termination, the financial asset has contractual cash flows that are solely payments of principal and interest on the principal amount outstanding. The amendments further explained that reasonable compensation may be paid or received by either of the parties, i.e. a party may receive reasonable compensation when it chooses to terminate the contract early.

When the amendments become effective, the Bank and subsidiaries shall apply the amendments retrospectively. However, the Bank and subsidiaries may select to recognize the cumulative effect at the date of initial application of the amendments, or to restate prior periods if, and only if, it is possible without the use of hindsight.
2) Amendments to IFRS 10 and IAS 28 "Sale or Contribution of Assets between an Investor and its Associate or Joint Venture"

The amendments stipulate 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 over 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.

## 3) 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 leases under IAS 17 to low-value and short-term leases. On the consolidated statements of comprehensive income, the Bank and subsidiaries should present the depreciation expense charged on right-of-use assets separately from the interest expense accrued on lease liabilities; interest is computed by using the effective interest method. On the consolidated statements of cash flows, cash payments for the principal portion of lease liabilities are classified within financing activities; cash payments for the 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.
4) Amendments to IAS 28 "Long-term Interests in Associates and Joint Ventures"

The amendments clarified that IFRS 9 shall be applied to account for other financial instruments in an associate or joint venture to which the equity method is not applied. These included long-term interests that, in substance, form part of the entity's net investment in an associate or joint venture.

When the amendments become effective, the Bank and subsidiaries shall apply the amendments retrospectively. However, the Bank and subsidiaries may select to recognize the cumulative effect at the date of initial application of the amendments, or to restate prior periods if, and only if, it is possible without the use of hindsight.

## 5) 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 concludes that it is probable that the taxation authority will accept an uncertain 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 or planned to be used in its income tax filings. If it is not probable that the taxation authority will accept an uncertain 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 has to reassess its judgments and estimates if facts and circumstances change.

The Bank and subsidiaries shall 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 the initial application of IFRIC 23 recognized at the date of initial application.
6) Amendments to IAS 19 "Plan Amendment, Curtailment or Settlement"

The amendments stipulate that, if a plan amendment, curtailment or settlement occurs, the current service cost and the net interest for the remainder of the annual reporting period are determined using the actuarial assumptions used for the remeasurement of the net defined benefit liabilities (assets). In addition, the amendments clarify the effect of a plan amendment, curtailment or settlement on the requirements regarding the asset ceiling. The amendment shall be applied prospectively.

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

## Statement of Compliance

The accompanying consolidated financial statements have been prepared in conformity with Regulations Governing the Preparation of Financial Reports by Public Banks, and the IFRSs as endorsed by the FSC.

## 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 43 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 | Hecember 31, <br>  <br> 2017 | December 31, <br> $\mathbf{2 0 1 6}$ |
| :--- | :--- | :--- | :---: | :---: |
| The Bank | CDIB Management Consulting <br> Corporation | Management and <br> consulting | 100.00 | 100.00 |
| CDIB Management <br> Consulting Corporation | CDC Finance \& Leasing <br> Corporation | Leasing | 76.04 | 76.04 |
|  | CDIB International Leasing <br> Corporation | Leasing | 100.00 | 100.00 |

## Foreign Currencies

The Bank recognizes foreign-currency transactions in the respective currencies in which they are denominated, while the Bank and subsidiaries other than the Bank recognizes at the rates of exchange prevailing at the dates of transactions. Foreign-currency gains or losses of the Bank are recorded in New Taiwan dollars using rates in effect at the time of the transactions.

At the end of each reporting period, monetary items denominated in foreign currencies are retranslated at the rates prevailing at that date. Exchange differences on monetary items arising from settlement or translation are recognized in profit or loss in the period occurred.

Non-monetary items measured at fair value that are denominated in foreign currencies are retranslated at the rates prevailing at the date when the fair value was determined. Exchange differences arising on the retranslation of non-monetary items are included in profit or loss for the period except for exchange differences arising from the retranslation of non-monetary items in respect of which gains and losses are recognized directly in other comprehensive income, in which case, the exchange differences are also recognized directly in other comprehensive income.

Nonmonetary items that are measured at historical cost in a foreign currency are not retranslated.
For the purposes of presenting consolidated financial statements, the assets and liabilities of the Bank and subsidiaries' foreign operations are translated into New Taiwan dollars using exchange rates prevailing at the end of each reporting period. Income and expense items are translated at the average exchange rates for the period. Exchange differences arising are recognized in other comprehensive income (attributed to the shareholders of the parent company and non-controlling interests as appropriate).

On the disposal of a foreign operation (i.e. a disposal involving loss of control over a subsidiary that includes a foreign operation, or a disposal involving loss of significant influence over an associate that includes a foreign operation), all of the exchange differences accumulated in equity in respect of that operation attributable to the shareholders of the parent company are reclassified to profit or loss.

In relation to a partial disposal of a subsidiary that does not result in the Bank losing control over the subsidiary, the proportionate share of accumulated exchange differences is re-attributed to non-controlling interests of the subsidiary and is not recognized in profit or loss. For all other partial disposals, the proportionate share of the accumulated exchange differences recognized in other comprehensive income is reclassified to profit or loss.

## Cash and Cash Equivalents

Cash and cash equivalents include time deposits with maturities of three months or less from the date of acquisition and excess margin of futures classified as cash equivalents. Their carrying amounts are similar to fair value.

## Investments in Associates

An associate is an entity over which the Bank and subsidiaries have significant influence and that is not a subsidiary.

The Bank and subsidiaries uses the equity method to account for their investments in associates.
Under the equity method, an investment in an associate is initially recognized at cost and adjusted thereafter to recognize the Bank and subsidiaries' share of profit or loss and other comprehensive income of the associate. The Bank and subsidiaries also recognize the changes in the Bank and subsidiaries' share of equity of associates.

Any excess of the cost of acquisition over the Bank and subsidiaries' share of the net fair value of the identifiable assets and liabilities of an associate recognized at the date of acquisition is recognized as goodwill, which is included within the carrying amount of the investment and is not amortized. Any excess of the Bank and subsidiaries' share of the net fair value of the identifiable assets and liabilities over the cost of acquisition, after reassessment, is recognized immediately in profit or loss.

When the Bank and subsidiaries subscribe for additional new shares of the associate at a percentage different from its existing ownership percentage, the resulting carrying amount of the investment differs from the amount of the Bank and subsidiaries' proportionate interest in the associate. The Bank and subsidiaries records such a difference as an adjustment to investments with the corresponding amount charged or credited to capital surplus - changes in the Bank and subsidiaries' share of equity of associates. If the Bank and subsidiaries' ownership interest is reduced due to the additional subscription of the new shares of associate, the proportionate amount of the gains or losses previously recognized in other comprehensive income in relation to that associate is reclassified to profit or loss on the same basis as would be required if the investee had directly disposed of the related assets or liabilities. When the adjustment should be debited to capital surplus, but the capital surplus recognized from investments accounted for by the equity method is insufficient, the shortage is debited to retained earnings.

When the Bank and subsidiaries' share of losses of an associate equals or exceeds its interest in that associate (which includes any carrying amount of the investment accounted for by the equity method and long-term interests that, in substance, form part of the Bank and subsidiaries' net investment in the associate), the Bank and subsidiaries' discontinues recognizing its share of further losses. Additional losses and liabilities are recognized only to the extent that the Bank and subsidiaries has incurred legal obligations, or constructive obligations, or made payments on behalf of that associate.

The entire carrying amount of the investment (including goodwill) is tested for impairment as a single asset by comparing its recoverable amount with its carrying amount. Any impairment loss recognized forms part of the carrying amount of the investment. Any reversal of that impairment loss is recognized to the extent that the recoverable amount of the investment subsequently increases.

The Bank and subsidiaries discontinue the use of the equity method from the date on which it ceases to have significant influence over the associate. Any retained investment is measured at fair value at that date and the fair value is regarded as its fair value on initial recognition as a financial asset. The difference between the previous carrying amount of the associate attributable to the retained interest and its fair value is included in the determination of the gain or loss on disposal of the associate. The Bank and subsidiaries account for all amounts previously recognized in other comprehensive income in relation to that associate on the same basis as would be required if that associate had directly disposed of the related assets or liabilities.

When the Bank and subsidiaries transact with its associate, profits and losses resulting from the transactions with the associate are recognized in the Bank and subsidiaries' consolidated financial statements only to the extent of interests in the associate that are not related to the Bank and subsidiaries.

## Financial Instruments

Financial assets and financial liabilities are recognized when the Bank and subsidiaries become a party to the contractual provisions of the instruments.

Financial assets and financial liabilities are initially measured at fair value. Transaction costs that are directly attributable to the acquisition or issue of financial assets and financial liabilities (other than financial assets and financial liabilities at fair value through profit or loss) are added to or deducted from the fair value of the financial assets or financial liabilities, as appropriate, on initial recognition. Transaction costs directly attributable to the acquisition of financial assets or financial liabilities at fair value through profit or loss are recognized immediately in profit or loss.
a. Financial assets and liabilities

All regular way purchases or sales of financial assets and liabilities are recognized and derecognized on a trade date basis. Regular way purchases or sales are purchases or sales of financial assets that require delivery of assets within the time frame established by regulation or convention in the marketplace.

1) Measurement category
a) Financial assets or liabilities at fair value through profit or loss

Financial assets or liabilities are classified as at fair value through profit or loss when the financial asset or liability is either held for trading or it is designated as at fair value through profit or loss.

A financial asset or liability other than a financial asset or liability held for trading may be designated as at fair value through profit or loss upon initial recognition when doing so results in more relevant information and if:
i. Such designation eliminates or significantly reduces a measurement or recognition inconsistency that would otherwise arise; or
ii. The financial asset forms part of a group of financial assets or financial liabilities or both, which is managed and its performance is evaluated on a fair value basis, in accordance with the Bank and subsidiaries' documented risk management or investment strategy, and information about the grouping is provided internally on that basis; or
iii. The contract contains one or more embedded derivatives so that the entire hybrid (combined) contract can be designated as at fair value through profit or loss.

Financial assets or liabilities at fair value through profit or loss are stated at fair value, with any gains or losses arising on remeasurement recognized in profit or loss. The net gain or loss recognized in profit or loss incorporates any dividend or interest earned on the financial asset. Other financial liabilities are measured at amortized cost using the effective interest method. Fair value is determined in the manner described in Note 42.

Investments in equity instruments under financial assets at fair value through profit or loss that do not have a quoted market price in an active market and whose fair value cannot be reliably measured and derivatives that are linked to and must be settled by delivery of such unquoted equity instruments are subsequently measured at cost less any identified impairment loss at the end of each reporting period and are recognized in a separate line item as financial assets measured at cost. If, in a subsequent period, the fair value of the financial assets can be reliably measured, the financial assets are remeasured at fair value. The difference between the carrying amount and the fair value is recognized in profit or loss.
b) Available-for-sale financial assets

Available-for-sale financial assets are nonderivatives that are either designated as available-for-sale or are not classified as loans and receivables, held-to-maturity investments or financial assets at fair value through profit or loss.

Available-for-sale financial assets are measured at fair value. Changes in the carrying amount of available-for-sale monetary financial assets relating to changes in foreign currency exchange rates, interest income calculated using the effective interest method and dividends on available-for-sale equity investments are recognized in profit or loss. Other changes in the carrying amount of available-for-sale financial assets are recognized in other comprehensive income and accumulated under the heading of investments revaluation reserve. When the investment is disposed of or is determined to be impaired, the cumulative gain or loss that previously accumulated in the investments revaluation reserve is reclassified to profit or loss.

Dividends on available-for-sale equity instruments are recognized in profit or loss when the Bank and subsidiaries' right to receive the dividends is established.

Available-for-sale equity investments that do not have a quoted market price in an active market and whose fair value cannot be reliably measured and derivatives that are linked to and must be settled by delivery of such unquoted equity investments are measured at cost less any identified impairment loss at the end of each reporting period and are recognized in a separate line item as financial assets measured at cost. If, in a subsequent period, the fair value of the financial assets can be reliably measured, the financial assets are remeasured at fair value. The difference between carrying amount and fair value is recognized in profit or loss or other comprehensive income on financial assets.
c) Loans and receivables

Loans and receivables are initially recognized at its fair value, which is usually the transaction price, plus significant transaction costs, service fees paid or received, premiums or discounts, etc. After initial recognition, loans and receivables shall be measured subsequently using the effective interest method in accordance with related rules. If the effect of discounting is not significant, the loans and receivables can be measured at initial undiscounted value in accordance with Regulations Governing the Preparation of Financial Reports by Public Banks.
2) Impairment of financial assets
a) 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.
b) Available-for-sale financial asset

When an available-for-sale financial asset is considered to be impaired, cumulative gains or losses previously recognized in other comprehensive income are reclassified to profit or loss in the period.

In respect of available-for-sale equity securities, impairment loss previously recognized in profit or loss are not reversed through profit or loss. Any increase in fair value subsequent to an impairment loss is recognized in other comprehensive income and accumulated under the heading of investments revaluation reserve. In respect of available-for-sale debt securities, impairment losses are subsequently reversed through profit or loss if an increase in the fair value of the investment can be objectively related to an event occurring after the recognition of the impairment loss.
c) Financial assets measured at cost

When objective evidences indicate that financial assets measured at cost are impaired, the amount of the loss is recognized as "loss on asset impairment' and cannot be reversed.
3) Derecognition of financial assets or liabilities

The Bank and subsidiaries derecognize a financial asset only when the contractual rights to the cash flows from the asset expire, or when it transfers the financial asset and substantially all the risks and rewards of ownership of the asset to another party; and derecognize a financial liability when obligations are discharged, cancelled or they expire.

On derecognition of a financial asset in its entirety, the difference between the asset's carrying amount and the sum of the consideration received and receivable and the cumulative gain or loss that had been recognized in other comprehensive income and accumulated in equity is recognized in profit or loss; and the difference between the carrying amount of the financial liability derecognized and the consideration paid and payable is recognized in profit or loss.
4) Equity instruments

Debt and equity instruments issued by the Bank and subsidiaries are classified as either financial liabilities or as equity in accordance with the substance of the contractual arrangements and the definitions of a financial liability and an equity instrument.

Equity instruments issued by the Bank and subsidiaries are recognized at the proceeds received, net of direct issue costs.

The repurchase of the Bank's own equity instruments is recognized in and deducted directly from equity. No gain or loss is recognized in profit or loss on the purchase, sale, issuance or cancellation of the Bank's own equity instruments.
b. Derivative financial instruments

Derivatives are initially recognized at fair value at the date the derivative contracts are entered into and are subsequently remeasured to their fair value at the end of each reporting period. The resulting gain or loss is recognized in profit or loss immediately unless the derivative is designated and effective as a hedging instrument, in which event the timing of the recognition in profit or loss depends on the nature of the hedge relationship. When the fair value of a derivative financial instrument is positive, the derivative is recognized as a financial asset; when the fair value of a derivative financial instrument is negative, the derivative is recognized as a financial liability.

Derivatives embedded in nonderivative host contracts are treated as separate derivatives when they meet the definition of a derivative, their risks and characteristics are not closely related to those of the host contracts, and the contracts are not measured at fair value through profit or loss.

## Securities Purchased and Sold Under Resell and Repurchase Agreements

For securities purchased under resell agreements, the payment to a counter-party is treated as a financing transaction. For securities sold under repurchase agreements, the payment by a counter-party and the related interest revenue or interest expense are recognized on the accrual basis.

## Property and Equipment

Property and equipment are stated at cost, less subsequent accumulated depreciation and subsequent accumulated impairment loss when it is probable that future economic benefits associated with the item will flow to the Bank and subsidiaries and the cost of the item can be measured reliably.

Depreciation on property and equipment is recognized using the straight-line method. Each significant part is depreciated separately. The estimated useful lives, residual values and depreciation method are reviewed at the end of each reporting period, with the effect of any changes in estimate accounted for on a prospective basis.

On derecognition of an item of property and equipment, the difference between the sales proceeds, and the carrying amount of the asset is recognized in profit or loss.

## Non-current Assets Held for Sale

Non-current assets are classified as held for sale if their carrying amounts will be recovered principally through a sale transaction rather than through a continuous use. This condition is regarded as met only when the sale is highly probable and the non-current asset is available for immediate sale in its present condition. To meet the criteria for the sale being highly probable, the appropriate level of management must be committed to the sale, which should be expected to qualify for recognition as a completed sale within 1 year from the date of classification.

## Investment Properties

Investment properties are properties held to earn rentals and/or for capital appreciation. Investment properties also include land held for a currently undetermined future use.

Investment properties are measured initially at cost, including transaction costs. Subsequent to initial recognition, investment properties are measured at cost less accumulated depreciation and accumulated impairment loss. Depreciation is recognized using the straight-line method.

On derecognition of an investment property, the difference between the net disposal proceeds and the carrying amount of the asset is recognized in profit or loss.

## Nonfinancial Asset Impairment

The Bank and subsidiaries evaluate the possibility of impairment loss on nonfinancial assets as of the balance sheet date. If there is sufficient objective evidence of asset impairment, the Bank and subsidiaries recognizes impairment whenever the recoverable amount of the asset or the cash-generating unit is below the carrying amount of an asset, and this impairment loss either is charged to accumulated impairment or reduces the carrying amount of an asset directly. After the recognition of an impairment loss, the depreciation (amortization) charged to the assets should be adjusted in future years at the revised asset carrying amount (net of accumulated impairment), less its salvage value, on a systematic basis over its remaining service life. If asset impairment loss (excluding goodwill) is reversed, the increase in the carrying amount resulting from reversal is credited to current income and debited to accumulated impairment or is used to increase the carrying amount of the asset. However, loss reversal should not be more than the carrying amount (net of depreciation) had the impairment not been recognized.

## Provisions and Contingent Liabilities

Provisions are recognized when the Bank and subsidiaries have a present obligation (legal or constructive) as a result of a past event, it is probable that the Bank and subsidiaries will be required to settle the obligation, and a reliable estimate can be made of the amount of the obligation.

Provisions are measured at the best estimate of the consideration required to settle the present obligation at the end of the reporting period, taking into account the risks and uncertainties surrounding the obligation. When a provision is measured using the cash flows estimated to settle the present obligation, its carrying amount is the present value of those cash flows (where the effect of the time value of money is material).

When some or all of the economic benefits required to settle a provision are expected to be recovered from a third party, a receivable is recognized as an asset if it is virtually certain that reimbursement will be received and the amount of the receivable can be measured reliably.

A contingent liability is a possible obligation that arises from past events and whose existence will be confirmed only by the occurrence of one or more uncertain future events not wholly within the control of the entity, or a present obligation that arises from past events but is not recognized because it is not probable that an outflow of resources embodying economic benefits will be required to settle the obligation or because the amount of the obligation cannot be measured with sufficient reliability.

## Employee Benefits

a. Short-term employee benefits

The undiscounted amount of benefits expected to be paid in respect of service rendered by employees in an accounting period is recognized in that period.
b. Retirement benefits

Payments to defined contribution retirement benefit plans are recognized as an expense when employees have rendered service entitling them to the contributions.

Defined benefit costs (including service cost, net interest and remeasurement) under the defined benefit retirement benefit plans are determined using the projected unit credit method. Service cost (including current service cost and net interest on the net defined benefit liability (asset) are recognized as employee benefits expense in the period they occur. Remeasurement, comprising actuarial gains and losses, the effect of the changes to the asset ceiling and the return on plan assets (excluding interest), is recognized in other comprehensive income in the period in which they occur. Remeasurement recognized in other comprehensive income is reflected immediately in retained earnings and will not be reclassified to profit or loss.

Net defined benefit liability (asset) represents the actual deficit (surplus) in the Bank and subsidiaries defined benefit plan. Any surplus resulting from this calculation is limited to the present value of any refunds from the plans or reductions in future contributions to the plans.
c. Other long-term employee benefits

Other long-term employee benefits are accounted for in the same way as the accounting required for defined benefit plan except that remeasurement is recognized in profit or loss.

## Taxation

Income tax expense represents the sum of the tax currently payable and deferred tax.
a. Current tax

According to the Income Tax Law, an additional tax at $10 \%$ of unappropriated earnings is provided for as income tax in the year the shareholders approve to retain the earnings.

Adjustments of prior years' tax liabilities are added to or deducted from the current year's tax provision.
Since 2015, the Bank has used the linked-tax system for income tax filings. Under this system, the Bank adjusts the current/deferred income tax assets (liabilities), income tax payable (receivable) and income tax expense (profit) on a systematic and consistent basis. Related payables and receivables are recorded in each book of the Bank's qualified subsidiaries.

Based on the "Basic Income Tax Act," if the basic income tax is greater than the amount of regular income tax, the income tax payable should be the basic income tax. The incremental tax payable is recorded as current income tax expense.
b. Deferred tax

Deferred tax liabilities are generally recognized for all taxable temporary differences. Deferred tax assets are generally recognized for all deductible temporary differences, unused loss carry forward and unused tax credits acquisition to the extent that it is probable that taxable profits will be available against which those deductible temporary differences can be utilized.

Deferred tax liabilities are recognized for taxable temporary differences associated with investments in subsidiaries and associates, except where the Bank and subsidiaries are able to control the reversal of the temporary difference and it is probable that the temporary difference will not reverse in the foreseeable future. Deferred tax assets arising from deductible temporary differences associated with such investments and interests are only recognized to the extent that it is probable that there will be sufficient taxable profits against which to utilize the benefits of the temporary differences and they are expected to reverse in the foreseeable future.

The carrying amount of deferred tax assets is reviewed at the end of each reporting period and reduced to the extent that it is no longer probable that sufficient taxable profits will be available to allow all or part of the asset to be recovered. A previously unrecognized deferred tax asset is also reviewed at the end of each reporting period and recognized to the extent that it has become probable that future taxable profit will allow the deferred tax asset to be recovered.

Deferred tax liabilities and assets are measured at the tax rates that are expected to apply in the period in which the liability is settled or the asset realized, based on tax rates (and tax laws) that have been enacted or substantively enacted by the end of the reporting period. The measurement of deferred tax liabilities and assets reflects the tax consequences that would follow from the manner in which the Bank and subsidiaries expect, at the end of the reporting period, to recover or settle the carrying amount of its assets and liabilities.

## c. Current and deferred tax for the period

Current and deferred taxes are recognized in profit or loss, except when they relate to items that are recognized in other comprehensive income or directly in equity, in which case, the current and deferred taxes are also recognized in other comprehensive income or directly in equity respectively.

## Revenue Recognition

Interest revenue arose from credits are estimated on an accrual basis. All interest accrued shall be suspended from the date the loans are classified as nonperforming loans. Interest earned from nonperforming loans shall be recognized as interest income when collected.

Service fee income is recognized when collected or when the majority of project is completed. Service fee income is received when loans and receivables are recognized. The service fee income which is caused by loans or receivables shall be recognized as interest revenue when they meet a suggested policy announced by the Bankers Association of the Republic of China. This policy requires an individual loan that meets the materiality criteria to have its effective interest rate be consistent with its interest revenue. Overall, the service fees shall be adjusted from the original agreed interest rate to the effective interest rate.

## Leasing

Leases are classified as finance leases whenever the terms of the lease transfer substantially all the risks and rewards of ownership to the lessee. All other leases are classified as operating leases.

Amounts due from lessees under finance leases are recognized as receivables at the amount of the Bank and subsidiaries' net investment in the leases. Finance lease income is allocated to accounting periods so as to reflect a constant periodic rate of return on the Bank and subsidiaries' net investment outstanding in respect of the leases.

Rental income (expense) from operating leases is recognized on a straight-line basis over the term of the relevant lease unless another systematic basis is representative of the time pattern of the lessee's benefit from the use (consumption) of the leased asset. Contingent rents arising under operating leases are recognized as an expense in the period in which they are incurred.

## 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

|  | December 31 |  |  |
| :--- | ---: | ---: | ---: |
|  | $\mathbf{2 0 1 7}$ |  | $\mathbf{2 0 1 6}$ |
| Due from banks | $\$ 10,532,178$ | $\$$ | $4,339,174$ |
| Cash on hand | $1,394,261$ | $1,244,322$ |  |
| Cash in banks | 597,498 | 494,670 |  |
| Checks for clearing | $1,686,741$ | 619,580 |  |
| Excess margin of futures | 122,149 |  | 146,535 |
|  | $\underline{14,332,827}$ | $\underline{\$ 10,844,281}$ |  |

Reconciliations of cash and cash equivalents between the consolidated statements of cash flows and the consolidated balance sheets as of December 31, 2017 and 2016 are shown in the consolidated statements of cash flows.

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

|  | December 31 |  |  |
| :--- | ---: | ---: | ---: |
|  | $\mathbf{2 0 1 7}$ |  | $\mathbf{2 0 1 6}$ |
| Due from the Central Bank | $\$ 6,520,000$ | $\$ 37,130,000$ |  |
| Call loans to banks | $13,846,833$ | $13,568,474$ |  |
| Deposit reserve - demand accounts | $7,670,687$ | $8,078,055$ |  |
| Deposit reserve - checking accounts | $5,053,887$ | $12,358,953$ |  |
| Due from the Central Bank - interbank settlement funds | 600,326 | 600,599 |  |
| Deposit reserve - foreign currencies | $\underline{137,301}$ | 148,483 |  |
|  | $\underline{\$ 33,829,034}$ | $\underline{\$ 71,884,564}$ |  |

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 collateral by the bank, please refer to Note 40.

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

| December 31 |
| :---: |
| $2017 \quad 2016$ |

Financial assets held for trading
Derivative instruments

Interest rate swap contracts
Currency swap contracts
Option contracts
Others
Non-derivative financial assets
Bank debentures
Convertible (exchangeable) corporate bonds
Corporate bonds
Government bonds
Commercial papers
Others

Financial assets designated as at FVTPL

## Government bonds

Others

Financial assets at FVTPL
Financial liabilities held for trading
Derivative instruments
Interest rate swap contracts
Currency swap contracts
Option contracts
Others

Financial liabilities designated as at FVTPL
Bank debentures payable
Financial liabilities at FVTPL

| $\$$ | $7,965,579$ | $\$, 633,684$ |
| ---: | ---: | ---: |
| $6,409,790$ | $11,634,089$ |  |
| 620,875 | $2,836,207$ |  |
| $1,409,158$ |  | $1,330,628$ |
|  |  |  |
| $3,006,792$ |  | $20,819,329$ |
| $1,950,536$ | $3,121,853$ |  |
| 322,286 | $1,979,093$ |  |
| - | $2,320,164$ |  |
| $8,775,184$ | $2,797,870$ |  |
| 330,943 | 3,849 |  |
| $30,791,143$ | $56,476,766$ |  |

12,808,586 39,174,578
10,841,490 2,188,228
23,650,076
41,362,806
$\$ 54,441,219$
$\$ 97,839,572$

Finan

| $\$$ | $9,107,790$ |  | $\$ 10,427,499$ |
| ---: | ---: | ---: | ---: |
| $6,315,597$ |  | $11,275,914$ |  |
| $9,629,101$ |  | $4,539,652$ |  |
| 814,210 |  | $1,273,065$ |  |
| $25,866,698$ |  | $27,516,130$ |  |

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

| Name | December 31 |  | Issuance Period | Method of Paying Principal and Interests | Interest <br> Rate |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2017 | 2016 |  |  |  |
| 15KGIB 1 | 3,163,888 | \$ 3,421,574 | $\begin{aligned} & \text { 2015.03.24-2045.03.24 } \\ & \text { (Note 1) } \end{aligned}$ | Principal due on maturity | 0\% |
| P16KGIB 1 | 3,283,280 | 3,550,690 | $\begin{aligned} & \text { 2016.05.03-2046.05.03 } \\ & \text { (Note 2) } \end{aligned}$ | Principal due on maturity | 0\% |
| P16KGIB 2 | 3,283,280 | 3,550,690 | $\begin{aligned} & \text { 2016.05.27-2046.05.27 } \\ & \text { (Note 2) } \end{aligned}$ | Principal due on maturity | 0\% |
| P16KGIB 3 | 2,387,840 | 2,582,320 | 2016.11.08-2046.11.08 <br> (Note 1) | Principal due on maturity | 0\% |
| P17KGIB1 | 5,969,600 |  | $\begin{aligned} & \text { 2017.01.23-2047.01.23 } \\ & \text { (Note 1) } \end{aligned}$ | Principal due on maturity | 0\% |
| Valuation adjustments | $\begin{array}{r} 18,087,888 \\ (669,905) \end{array}$ | $\begin{gathered} 13,105,274 \\ (1,213,262) \end{gathered}$ |  |  |  |
|  | \$ 17,417,983 | \$ 11,892,012 |  |  |  |

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 December 31, 2017 and 2016 are summarized as follows:

|  | Contract Amount |  |
| :--- | ---: | ---: |
|  | December 31 |  |
|  | $\mathbf{2 0 1 7}$ |  |
| Currency swap contracts |  | $\mathbf{2 0 1 6}$ |
| Interest rate swap contracts | $\$ 1,420,861,044$ | $\$ 1,240,148,072$ |
| Option contracts | $904,748,596$ | $829,752,256$ |
| Forward exchange contracts | $315,452,631$ | $216,325,745$ |
| Cross-currency swap contracts | $26,220,926$ | $29,499,827$ |
| Asset swap contracts | $27,978,819$ | $23,941,077$ |
| Non-deliverable forward contracts | $1,355,180$ | $2,185,975$ |
| Commodity swap contracts | $2,282,220$ | 852,483 |
| Futures contracts | 695,444 | 104,891 |
|  | $17,963,103$ | - |

As of December 31, 2017 and 2016, financial assets at fair value through profit or loss with aggregate carrying values of $\$ 4,582,517$ thousand and $\$ 33,509,311$ 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 40.

## 9. SECURITIES PURCHASED UNDER RESELL AGREEMENTS

|  | December 31 |  |  |
| :--- | ---: | ---: | ---: |
|  | $\mathbf{2 0 1 7}$ |  | $\mathbf{2 0 1 6}$ |
| Commercial paper | $\$ 11,184,033$ | $\$$ | 745,844 |
| Bank debentures | 893,492 |  |  |$)$

## 10. RECEIVABLES, NET

| December 31 |  |
| :---: | :---: |
| 2017 | 2016 |
| \$ 4,400,120 | \$ 7,912,584 |
| 4,164,820 | 6,424,942 |
| 2,684,731 | 2,649,551 |
| 1,698,986 | 1,754,592 |
| 8,498,843 | 9,590,021 |
| 467,748 | 467,748 |
| 859,377 | 926,028 |
| 1,327,154 | 1,206,363 |
| 24,101,779 | 30,931,829 |
| $(213,786)$ | $(378,214)$ |
| $(1,455,531)$ | $(1,699,854)$ |
| \$ 22,432,462 | \$ 28,853,761 |

As of December 31, 2017 and 2016, the rental deposits receivable amounting to both $\$ 467,748$ 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 41 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 December 31, 2017, the PEM receivable amounting to $\$ 859,377$ thousand (US $\$ 28,792$ 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 trust entity, the balance of the PEM receivable and its allowance for bad debts was as follows:

## (In Thousands of USD/TWD)

|  | December 31, 2017 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | USD |  | TWD |  |
| Life insurance policies | \$ | 13,218 |  | 394,541 |
| Non-life insurance policies |  | 15,574 |  | 464,836 |
| Less: Allowance for bad debts |  | $\begin{gathered} 28,792 \\ (16,212) \end{gathered}$ |  | $\begin{gathered} 859,377 \\ (483,896) \end{gathered}$ |
| Net amount | \$ | 12,580 |  | 375,481 |
|  | December 31, 2016 |  |  |  |
|  |  | USD |  | TWD |
| Life insurance policies | \$ | 13,112 |  | 423,237 |
| Non-life insurance policies |  | 15,576 |  | 502,791 |
| Less: Allowance for bad debts |  | $\begin{gathered} 28,688 \\ (16,215) \end{gathered}$ |  | $\begin{gathered} \hline 926,028 \\ (523,404) \end{gathered}$ |
| Net amount | \$ | 12,473 |  | 402,624 |

The changes in the Bank and subsidiaries' allowance for bad debts of receivables were as follows:
For the Years Ended
December 31

|  | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ |
| :---: | :---: | :---: |
|  |  |  |
| $\$$ | $1,699,854$ | $\$$ |
|  | 177,879 |  |
|  | $(390,315)$ |  |
|  | 41,238 | 171,939 |
|  | $(73,125)$ |  |

Balance, December 31
$\$ \underline{\$ 1,455,531} \underline{\$ 1,699,854}$
For the impairment loss analysis of receivables, please refer to Note 43.
For the receivables pledged as collaterals for subsidiaries' borrowings, please refer to Note 40.

## 11. DISCOUNTS AND LOANS, NET

$\frac{\text { December 31 }}{2017}$

| Short-term loans | \$ 72,264,667 | \$ 60,824,456 |
| :---: | :---: | :---: |
| Medium-term loans | 171,175,807 | 152,145,653 |
| Long-term loans | 53,761,759 | 42,061,948 |
| Overdue loans | 455,444 | 708,046 |
| Export negotiations | 17,155 | 139,441 |
|  | 297,674,832 | 255,879,544 |
| Less: Allowance for bad debts | $(3,924,531)$ | $(3,429,672)$ |
| Less: Discounts on loans | $(93,311)$ | $(72,880)$ |
| Net amount | \$ 293,656,990 | \$ 252,376,992 |

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

|  | For the Years Ended <br> December 31 |  |
| :--- | ---: | ---: | ---: |
|  | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ |
| Balance, January 1 | $\$ 3,429,672$ | $\$ 3,115,696$ |
| Provisions | 343,077 | 121,292 |
| Recovery of written-off credits | 797,261 | 802,286 |
| Write-offs | $(548,559)$ | $(563,785)$ |
| Reduction and exemption | $(31,253)$ | $(31,610)$ |
| Effects of exchange rate changes | $(65,667)$ | $(14,207)$ |
| Balance, December 31 | $\underline{\$ 3,924,531}$ | $\underline{\underline{\$ 3,429,672}}$ |

For the impairment loss analysis of discounts and loans, please refer to Note 43

## 12. AVAILABLE-FOR-SALE FINANCIAL ASSETS

|  | December 31 |  |  |
| :--- | ---: | ---: | ---: |
|  | $\mathbf{2 0 1 7}$ |  | $\mathbf{2 0 1 6}$ |
| Government bonds | $\$ 0,899,335$ | $\$$ | $65,719,269$ |
| Bank debentures | $14,277,692$ | $13,051,597$ |  |
| Corporate bonds | $26,320,268$ | $5,149,833$ |  |
| Stocks | $5,330,674$ | $4,801,347$ |  |
| Negotiable certificates of deposits | $30,834,526$ | - |  |
|  | $\underline{\$ 127,662,495}$ | $\underline{\$ 88,722,046}$ |  |

As of December 31, 2017 and 2016, available-for-sale financial assets, with aggregate carrying values of $\$ 40,043,756$ thousand and $\$ 28,629,003$ 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 40.

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

Immaterial associates:

|  | December 31 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2017 |  | 2016 |  |
|  | Carrying Amount | \% | Carrying Amount | \% |
| CDIB \& Partners Investment Holding Corporation | \$ 888,387 | 4.95 | \$ 733,152 | 4.95 |
| Others | 476 |  | 736 |  |
|  | \$ 888,863 |  | \$ 733,888 |  |

Aggregate information of associates that are not individually material.

For the Years Ended December 31
2017
2016

The Bank and subsidiaries' share of:

| Net income | \$ | 23,598 | \$ | 13,554 |
| :---: | :---: | :---: | :---: | :---: |
| Other comprehensive income |  | 144,336 |  | 37,601 |
| Total comprehensive income | \$ | 167,934 | \$ | 51,155 |

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

|  | December 31 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2017 |  | 2016 |  |
| Financial assets measured at cost, net | \$ | 255,659 | \$ | 255,659 |
| Due from banks (original maturities over three months) |  | 2,083,400 |  | 3,045,833 |
| Debt instruments with no active market |  | 5,523,388 |  | 581,022 |
| Overdue receivables |  | 12,697 |  | 14,726 |
| Pledged time deposits |  | 1,300 |  | 1,300 |
| Less: Allowance for bad debts - overdue receivables |  | $\begin{array}{r} 7,876,444 \\ (12,697) \end{array}$ |  | $\begin{array}{r} 3,898,540 \\ (14,726) \\ \hline \end{array}$ |
| Net amount | \$ | 7,863,747 | \$ | 3,883,814 |

For the other financial assets pledged as collaterals by the Bank and subsidiaries, please refer to Note 40.

## 15. PROPERTY AND EQUIPMENT, NET

| December 31 |  |
| :---: | :---: |
| 2017 | 2016 |
| \$ 3,465,361 | \$ 3,673,053 |
| 1,683,562 | 1,718,854 |
| 194,542 | 121,605 |
| 571,396 | 240,303 |
| 248,429 | 153,079 |
| 316 | 521 |
| 41,940 | 26,910 |
| 39,004 | 3,280 |
| \$ 6,244,550 | \$ 5,937,605 |

The changes in the Bank and subsidiaries' property and equipment were as follows:


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. The building was sold in August 2017, and the gain on disposal of assets held for sale was 8,344 thousand, which recognizes as net revenues other non-interest income.

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 | $1-20$ years |

For the property and equipment pledged as collaterals by the Bank and subsidiaries, please refer to Note 40.

## 16. INVESTMENT PROPERTY, NET

|  | December 31 |  |
| :--- | :---: | :---: |
|  | 2017 | 2016 |
| Land | $\$ 751,262$ | $\$ 543,570$ |
| Buildings and facilities | $\underline{138,727}$ | $\underline{127,452}$ |
|  | $\underline{\$ 889,989}$ | $\$ 671,022$ |

The changes in the Bank and subsidiaries' investment properties were as follows:

## For the Years Ended <br> December 31

## Cost

Beginning balance
Reclassification
Ending balance
Accumulated depreciation
Beginning balance
Depreciation
Reclassification
Ending balance

## Accumulated impairment

Beginning balance
Impairment
Ending balance
Carrying amount, net

| $\$ \quad 902,137$ | $\$ 773,349$ |
| ---: | ---: |
|  | 245,634 |
|  | 128,788 |

902,137

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 2017 and 2016 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 December 31, 2017 and 2016 were $\$ 1,016,815$ thousand and $\$ 886,233$ thousand, respectively.

For the investment properties pledged as collaterals by the Bank and subsidiaries, please refer to Note 40 .

## 17. OTHER ASSETS, NET

| December 31 |  |  |
| :---: | ---: | ---: |
| $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ |  |
| $\$ 4,799,616$ | $\$$ | $7,854,982$ |
| 622,469 |  | 627,305 |
| 57,100 |  | 57,100 |
| 100,330 |  | 126,223 |
| 108,284 |  | 187,942 |
|  |  |  |
| $\underline{\$ 5,687,799}$ | $\$ 8,853,552$ |  |

For the other assets pledged as collaterals by the Bank and subsidiaries, please refer to Note 40.

## 18. DEPOSITS FROM THE CENTRAL BANK AND BANKS

|  | December 31 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2017 |  | 2016 |  |
| Call loans from banks | \$ | 27,438,170 | \$ | 29,702,027 |
| Deposits from Chunghwa Post Co., Ltd. |  | 892,522 |  | 1,215,347 |
|  |  | 28,330,692 |  | 30,917,374 |

## 19. NOTES AND BONDS ISSUED UNDER REPURCHASE AGREEMENTS

| December 31 |  |  |
| :---: | :---: | ---: |
| $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ |  |
|  |  |  |
| $\$ 15,795,365$ | $\$ 24,880,975$ |  |
| $24,317,973$ | $5,747,596$ |  |
| $5,331,476$ |  | $31,509,743$ |
| $\$ 45,444,814$ |  | $\underline{\$ 62,138,314}$ |
| $\underline{\$ 45,611,130}$ |  | $\underline{\$ 62,218,952}$ |
| April 2018 |  | March 2017 |

## 20. PAYABLES

| December 31 |  |  |
| :---: | :---: | :---: |
| $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ |  |
| $\$ 1,318,315$ | $\$$ | 832,360 |
| $1,843,465$ |  | 966,137 |
| 964,461 |  | 881,548 |
| 277,038 |  | 245,276 |
| $1,686,741$ |  | 619,580 |
| 781,971 |  | 644,746 |
|  |  |  |
| $\underline{\$ 6,871,991}$ | $\$ 4,189,647$ |  |

## 21. DEPOSITS AND REMITTANCES

|  | December 31 |  |
| :--- | ---: | ---: |
|  | $\mathbf{2 0 1 7}$ |  |
| Time deposits | $\$ 207,904,432$ | $\mathbf{2 0 1 6}$ |
| Savings deposits | $99,318,877$ | $98,674,615$ |
| Demand deposits | $43,149,581$ | $33,124,542$ |
| Checking deposits | $3,600,607$ | $4,307,826$ |
| Negotiable certificates of deposits | $22,502,900$ | $1,896,300$ |
| Remittances | 146,737 | 224,141 |
|  |  |  |
|  | $\underline{376,623,134}$ | $\underline{\$ 343,447,506}$ |

## 22. BANK DEBENTURES PAYABLE

| Name | December 31 |  | Issuance Period | Method of Paying Principle and Interests | Interest Rate |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2017 | 2016 |  |  |  |
| P06 KGIB 1 | \$ 1,000,000 | \$ - | 2017.05.19-2020.05.19 | Interest payable annually, principal due on maturity | 0.9\% |
| 04 KGIB 2 | -- | 2,750,000 | 2008.01.09-2017.12.13 | Principal due on maturity | 0.0\% |
| Unamortized discount | 1,000,000 | $\begin{array}{r} 2,750,000 \\ (65,764) \\ \hline \end{array}$ |  |  |  |
| Net amount | \$ 1,000,000 | \$ 2,684,236 |  |  |  |

## 23. COMMERCIAL PAPER PAYABLE, NET

|  | December 31 |  |
| :---: | :---: | :---: |
|  | 2017 | 2016 |
| Commercial paper payable <br> Less: Unamortized discount | $\begin{array}{rr} \$ & 1,225,000 \\ (521) \end{array}$ | \$ 2,558,000 <br> (691) |
|  | \$ 1,224,479 | \$ 2,557,309 |
| Interest rate | 1.09\%-1.57\% | 1.03\%-1.87\% |
| Last maturity date | January 2019 | October 2017 |

## 24. OTHER BORROWINGS

|  | December 31 |  |  |
| :--- | ---: | ---: | ---: |
|  | $\mathbf{2 0 1 7}$ |  | $\mathbf{2 0 1 6}$ |
| Short-term credit borrowings | $\$ 747,986$ | $\$ 1,680,550$ |  |
| Note issuance facility | $1,599,564$ | 799,676 |  |
| Short-term secured borrowings | 135,000 | 215,000 |  |
| Long-term credit borrowings | $\underline{422,532}$ | 466,877 |  |
|  | $\underline{\$ 2,905,082}$ | $\underline{\$ 3,162,103}$ |  |
| (Continued) |  |  |  |


| $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ |
| :---: | :---: |
| $1.10 \%-4.75 \%$ | $1.05 \%-4.75 \%$ |
| October 2020 | December 2019 <br> (Concluded) |

(Concluded)

## 25. PROVISIONS

|  | December 31 |  |  |
| :--- | ---: | ---: | ---: |
|  | $\mathbf{2 0 1 7}$ |  | $\mathbf{2 0 1 6}$ |
| Provision for guarantee liabilities | $\$$ | 96,271 | $\$ 97,555$ |
| Provision for employee benefits | 15,933 | 23,559 |  |
| Others | $\underline{117,925}$ | $\underline{115,545}$ |  |
|  | $\underline{\$ 230,129}$ | $\underline{\$ 236,659}$ |  |

## 26. RETIREMENT BENEFIT PLANS

a. Defined contribution plan

The Bank and domestic subsidiaries adopted a pension plan under the Labor Pension Act (the LPA), which is a state-managed defined contribution plan. Under the LPA, the Bank and subsidiaries make monthly contributions to employees' individual pension accounts at $6 \%$ of monthly salaries and wages. The total pension expenses recognized were $\$ 123,817$ thousand and $\$ 117,327$ thousand for the years ended December 31, 2017 and 2016, respectively.

The Bank's foreign subsidiaries recognized their contributions as pension expenses in accordance with their local laws and regulations amounting to $\$ 3,237$ thousand and $\$ 7,140$ thousand for the years ended December 31, 2017 and 2016, respectively.
b. Defined benefit plan

The Bank and domestic subsidiaries adopted a defined benefit pension plan for all formal employees based on the Labor Standards Act. Pension benefits are calculated on the bases of the length of service and average monthly salaries and wages at the time of retirement.

The Bank places its monthly contributions to the non-managers' pension fund at authorized ratios, which is deposited in the Bank of Taiwan and administered by the pension fund monitoring committee. Managers' pension funds are managed by the Employee Retirement Fund Management Committee and deposited in KGI's Chungho Branch in the committee's name. Before the end of each year, the Bank assesses the balance in the pension fund. If the amount of the balance in the pension fund is inadequate to pay retirement benefits for employees who conform to retirement requirements in the next year, the Bank is required to fund the difference in one appropriation that should be made before the end of March of the next year.

The amounts included in the consolidated balance sheets in respect of the Bank's defined benefit plans were as follows:

| December 31 |  |  |
| :---: | :---: | :---: |
| $\mathbf{2 0 1 7}$ |  | $\mathbf{2 0 1 6}$ |
| $\$ \quad 983,038$ | $\$$ | 971,968 |
| $(1,067,435)$ | $(1,082,632)$ |  |
| $\$$ | $(84,397)$ | $\$ \quad(110,664)$ |

Movements in net defined benefit liability (asset) were as follows:

## Present Value of the Defined Benefit Obligation

$\$ \quad 852,802$
$\begin{array}{r}8,055 \\ 13,745 \\ \hline 21,800 \\ \hline\end{array}$
Current service cost
Net interest expense (income)
Recognized in profit or loss
Remeasurement
Return on plan assets (excluding amounts included in net interest)
Actuarial (gain) loss - changes in demographic assumptions
Actuarial (gain) loss - changes in financial assumptions
Actuarial (gain) loss - experience adjustments
Recognized in other comprehensive income
Contributions from the employer
Benefits paid
Balance at December 31, 2016
Service cost
Current service cost
Net interest expense (income)
Recognized in profit or loss
Remeasurement
Return on plan assets (excluding amounts included in net interest)
Actuarial (gain) loss - changes in demographic assumptions
Actuarial (gain) loss - changes in financial assumptions
Actuarial (gain) loss - experience adjustments
Recognized in other comprehensive income
Contributions from the employer
Benefits paid
Balance at December 31, 2017
Balance at January 1, 2016
Service cost
Current service cost
$\qquad$
-
49,631
$-102,206$
-
$(4,840)$
971,968
$\begin{array}{r}7,241 \\ 13,357 \\ \hline\end{array}$
$-$
$-$

## Fair Value of

 the Plan Assets Liability (Asset)$\$ \quad(855,174)$
$\$ \quad(2,372)$

| - | 8,055 |
| ---: | ---: |
| $(14,002)$ | $(257)$ |
| $(14,002)$ | 7,798 |

$\begin{array}{r}\hline(226,057) \\ 4,840 \\ \hline(1,082,632)\end{array}$
(1,082,632)
7,761

| - | 7,241 |
| :---: | :---: |
| $(15,006)$ | $(1,649)$ |
| $(15,006)$ | 5,592 |


| - |  | 8,074 |  | 8,074 |
| :---: | :---: | :---: | :---: | :---: |
|  | 42,502 | - |  | 42,502 |
|  | 1,232 | - |  | 1,232 |
|  | $(13,630)$ | - |  | $(13,630)$ |
|  | 30,104 | 8,074 |  | 38,178 |
|  | - | $(17,503)$ |  | $(17,503)$ |
|  | $(39,632)$ | 39,632 |  | - |
| \$ | 983,038 | \$ (1,067,435) | \$ | $(84,397)$ |

Through the defined benefit plans under the Labor Standards Act, the Bank and subsidiaries are exposed to the following risks:

1) Investment risk: The plan assets are invested in domestic/and foreign/equity and debt securities, bank deposits, etc. The investment is conducted at the discretion of the Bureau of Labor Funds, Ministry of Labor or under the mandated management. However, in accordance with relevant regulations, the return generated by plan assets should not be below the interest rate for a 2 -year time deposit with local banks.
2) Interest risk: A decrease in the government bond and corporate bond interest rate will increase the present value of the defined benefit obligation; however, this will be partially offset by an increase in the return on the plan's debt investments.
3) Salary risk: The present value of the defined benefit obligation is calculated by reference to the future salaries of plan participants. As such, an increase in the salary of the plan participants will increase the present value of the defined benefit obligation.

The actuarial valuations of the present value of the defined benefit obligation were carried out by qualified actuaries. The significant assumptions used for the purposes of the actuarial valuations were as follows:

The Bank

|  | December 31 |  |
| :--- | :---: | :---: |
|  | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ |
| Discount rates | $1.375 \%$ | $1.375 \%$ |
| Expected rates of salary increase | $3.000 \%$ | $3.000 \%$ |
| CDIB Management Consulting Corporation and subsidiaries |  |  |


|  | December 31 |  |
| :--- | :---: | :---: |
|  | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ |
| Discount rates | $0.950 \%$ | $1.350 \%$ |
| Expected rates of salary increase | $2.500 \%$ | $2.500 \%$ |

If possible reasonable change in each of the significant actuarial assumptions will occur and all other assumptions will remain constant, the present value of the defined benefit obligation would increase (decrease) as follows:

|  | December 31 |  |
| :--- | :---: | :---: |
|  | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ |
| Discount rate | $\underline{\underline{\$(32,196})}$ | $\underline{\underline{\$(31,640})}$ |
| $0.25 \%$ increase | $\underline{\$ 33,687}$ | $\underline{\underline{\$ 33,097}}$ |
| $0.25 \%$ decrease |  | $\underline{\$ 32,591}$ |

The sensitivity analysis presented above may not be representative of the actual change in the present value of the defined benefit obligation as it is unlikely that the change in assumptions would occur in isolation of one another as some of the assumptions may be correlated.

## The Bank



## 27. OTHER LIABILITIES

Temporary receipts and suspense accounts
Guarantee deposits received
Advance receipts
Others

December 31
2017
\$ 260,092 1,613,427

41,630
\$ 641,752
295,801

70,672
$\$ 1,985,821 \$ 2,146,125$

## 28. EQUITY

a. Capital

## Common stock

| December 31 |  |
| :---: | :---: |
| 2017 | 2016 |
| 20,000,000 | 20,000,000 |
| \$ 200,000,000 | \$ 200,000,000 |
| 4,606,162 | 4,606,162 |
| \$ 46,061,623 | \$ 46,061,623 |

Note: Share par value NT\$10.

|  | December 31 |  |  |
| :--- | ---: | ---: | ---: |
|  | $\mathbf{2 0 1 7}$ |  | $\mathbf{2 0 1 6}$ |
| Additional paid-in capital | $\$ 7,245,723$ | $\$ 7,245,710$ |  |
| Issuance of employee share options <br> Change in capital surplus from investments in associates <br> accounted for by using equity method | 4,612 | 3,363 |  |
|  | $\underline{\$ 7,250,553}$ | $\underline{\$ 7,249,280}$ |  |

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.

After applying IFRSs, the Bank and subsidiaries recognizes and reverses special reserve according to FSC Order No. 1010012865 and the rule of "Questions and Answers on Special Reserves Appropriated Following the Adoption of IFRSs".

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:

|  | 2016 | $\mathbf{2 0 1 5}$ |  |
| :--- | ---: | ---: | ---: |
| Legal reserve | $\$ 1,120,722$ | $\$$ | 947,782 |
| Special reserve | 913,849 | 409,670 |  |
| Cash dividends | $1,701,168$ | $1,801,821$ |  |

The earnings appropriation of 2017 has not been approved by the board of directors as of the issuance date of auditors' report.

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 Years Ended December 31 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2017 |  | 2016 |  |
| Interest revenues |  |  |  |  |
| Discounts and loans | \$ | 7,545,895 | \$ | 6,703,391 |
| Securities |  | 1,773,212 |  | 923,038 |
| Due from and call loans to banks |  | 376,040 |  | 566,056 |
| Accounts receivable - forfaiting |  | 127,471 |  | 275,956 |
| Credit card |  | 155,051 |  | 163,518 |
| Others |  | 532,422 |  | 435,380 |
|  |  | 10,510,091 |  | 9,067,339 |
| Interest expenses |  |  |  |  |
| Deposits |  | 2,934,932 |  | 2,475,341 |
| Notes and bonds issued under repurchase agreements |  | 608,216 |  | 421,382 |
| Structured notes |  | 128,381 |  | 130,518 |
| Due to/borrowings from the other banks |  | 269,703 |  | 95,138 |
| Others |  | 183,387 |  | 182,365 |
|  |  | 4,124,619 |  | 3,304,744 |
|  | \$ | 6,385,472 | \$ | 5,762,595 |

## 30. SERVICE FEE INCOME, NET

For the Years Ended December 31

2017
2016

Service fee revenues

Insurance commission
Trust
Loans
Credit card
Cash card
Others

| $\$$ | 695,198 | $\$$ |
| ---: | ---: | ---: |
| 468,877 |  | 758,947 |
| 309,662 |  | 239,264 |
| 169,737 |  | 151,921 |
| 122,559 |  | 120,627 |
| 225,402 | 198,711 |  |
| $1,991,435$ | $1,754,222$ |  |

Service fee expenses

| Agency | 90,752 | 98,347 |
| :--- | ---: | ---: |
| Interbank | 51,897 | 44,794 |
| Custodian | 8,124 | 4,756 |
| Others | 116,926 | 100,085 |
|  | $\boxed{267,699}$ | 247,982 |
|  |  |  |
|  | $\underline{1,723,736}$ | $\$ 1,506,240$ |

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

For the Years Ended
December 31
2017
2016

Realized gain (loss)

Bonds
Stocks
Derivative instruments
Others

Revaluation gain (loss)

Bonds
Derivative instruments
Stocks
Others

| $\$$ | $(353,776)$ | $\$ 1,044,714$ |
| ---: | ---: | ---: |
| 3,601 |  | $(40,751)$ |
| $2,124,699$ |  | 58,879 |
| 21,610 | 4,379 |  |
| $1,796,134$ | $1,067,221$ |  |


| 205,986 | 113,200 |
| ---: | ---: |
| $3,537,067$ | 726,102 |
| 5,040 | 25,883 |
| $(2,380,866)$ | $(206,119)$ |
| $1,367,227$ | 659,066 |

$\$ 3,163,361 \$ 1,726,287$

For the years ended December 31, 2017 and 2016, the realized gain or loss on the Bank and subsidiaries financial assets or liabilities at FVTPL included (a) disposal gain of $\$ 1,742,313$ thousand and loss of $\$ 56,622$ thousand, respectively, (b) interest revenues of $\$ 814,585$ thousand and $\$ 1,492,785$ thousand, respectively, (c) dividend incomes of $\$ 7,477$ thousand and $\$ 2,128$ thousand, respectively, and (d) interest expenses of $\$ 768,241$ thousand and $\$ 371,070$ thousand, respectively.

|  | For the Years Ended December 31 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2017 |  | 2016 |  |
| Gain on bond disposal | \$ | 283,029 | \$ | 607,504 |
| Gain on stock disposal |  | 178,955 |  | 305,367 |
| Dividend income |  | 276,090 |  | 263,517 |
|  | \$ | 738,074 |  | 1,176,388 |

## 33. IMPAIRMENT LOSS RECOGNIZED ON NON-FINANCIAL ASSETS

| For the Years Ended <br> December 31 |
| :---: |
| $2017 \quad 2016$ |

Gain on reversal of collaterals impairment loss
\$ $(46,135)$
Other assets of impairment loss
57,312 $\qquad$
$\$ 11,177$
$\$$ $\qquad$

Impairment loss was reversed resulted from the fair value rise of the collaterals.

## 34. OTHER NON-INTEREST INCOME

|  | For the Years Ended <br> December 31 |  |
| :--- | ---: | ---: | ---: |
|  | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ |
| Net gains on financial assets measured at cost | $\$ 27,157$ | $\$ 30,023$ |
| Rental income | 141,502 | 85,797 |
| Gain on disposal of collaterals | 128,237 | - |
| Others | 19,967 | $-132,715$ |
|  | $\underline{316,863}$ | $\underline{\$ 248,535}$ |

## 35. EMPLOYEE BENEFITS, DEPRECIATION AND AMORTIZATION EXPENSES

|  | For the Years Ended <br> December 31 |  |  |
| :--- | ---: | ---: | ---: |
|  | $\mathbf{2 0 1 7}$ |  | $\mathbf{2 0 1 6}$ |
| Employee benefit expense | $\$ 3,035,335$ | $\$ 2,888,558$ |  |
| Salaries and wages | 226,514 | 210,796 |  |
| Employee insurance | 132,646 | 132,276 |  |
| Pension | 200,776 | $\underline{206,019}$ |  |
| Others | $\underline{\$ 3,595,271}$ | $\underline{\$ 3,437,649}$ |  |
|  | $\underline{\$ 357,699}$ | $\underline{\$ 305,431}$ |  |

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.

The distribution of the compensation of employees for 2017 and 2016 approved by the board of directors respectively on March 22, 2018 and March 23, 2017 were $\$ 4,997$ thousand and $\$ 4,703$ 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 years ended December 31, 2017 and 2016.

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

## 36. OTHER GENERAL AND ADMINISTRATIVE EXPENSES

|  | For the Years Ended December 31 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2017 |  |  | 2016 |
| Taxation | \$ | 422,473 | \$ | 470,115 |
| Rental |  | 356,514 |  | 325,413 |
| Professional services |  | 275,010 |  | 284,869 |
| Marketing |  | 160,998 |  | 161,604 |
| Computer information |  | 184,197 |  | 175,499 |
| Others |  | 620,414 |  | 614,137 |
|  | \$ | 2,019,606 | \$ | 2,031,637 |

## 37. INCOME TAX

a. Income tax expense

## For the Years Ended

December 31
2017
2016
Current income tax
Current year
Prior year's adjustments
\$ 252,746 \$ 278,048

Deferred income tax
(29,908) $\quad(9,704)$
$1,651,837$
268,344
658,726
Income tax expenses
$\$ \quad$ 1,874,675 $\$$

The reconciliation of accounting profit and income tax expense were as follows:

|  | For the Years Ended December 31 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2017 |  | 2016 |  |
| Income tax expenses calculated at the statutory rate | \$ | 838,146 | \$ | 821,329 |
| Nondeductible expenses in determine taxable income |  | $(374,409)$ |  | $(331,613)$ |
| Unrecognized temporary differences |  | $(44,660)$ |  | $(168,785)$ |
| Prior year's adjustments |  | $(22,819)$ |  | $(9,704)$ |
| Additional income tax under the Alternative Minimum Tax Act |  | 252,746 |  | 314,294 |
| Loss carryforwards |  | 1,225,671 |  | 300,000 |
| Others |  | - |  | 1,549 |
| Income tax expenses recognized in profit or loss |  | 1,874,675 | \$ | 927,070 |

The applicable tax rate used above is the corporate tax rate of $17 \%$ payable by the Bank and subsidiaries in ROC, while the applicable tax rate used by subsidiaries in China is $25 \%$. Tax rates used by other group entities operating in other jurisdictions are based on the tax laws in those jurisdictions.

In February 2018, it was announced by the President that the Income Tax Act in the ROC was amended and, starting from 2018, the corporate income tax rate will be adjusted from $17 \%$ to $20 \%$. In addition, the rate of the corporate surtax applicable to 2018 unappropriated earnings will be reduced from $10 \%$ to $5 \%$.

As the status of 2018 appropriations of earnings is uncertain, the potential income tax consequences of $10 \%$ of 2017 unappropriated earnings are not reliably determinable.
b. Income tax benefit recognized in other comprehensive income were as follows:

| For the Years Ended <br> December 31 |  |
| :---: | :---: |
| $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ |
| $\$ \quad 6,220$ | $\$ 18,801$ |

c. The estimated payables resulting from the use of the linked-tax system on the Bank's consolidated tax returns were as follows:

| December 31 |  |
| :---: | :---: |
| 20172016 |  |

Tax paid to the parent company
$\$ 412,845$
\$ 379,060
d. Deferred tax assets and liabilities
$\frac{\text { December 31 }}{20172016}$

## Deferred tax assets

| Loss carryforwards | $\$ 2,408,171$ | $\$ 3,897,631$ |
| :--- | ---: | ---: |
| Allowance for bad debts | 544,601 | 546,191 |
| Others | 42,036 | 33,221 |
|  |  |  |
|  | $\underline{\$ 2,994,808}$ | $\underline{\$ 4,477,043}$ |

Deferred tax liabilities

| Financial instruments valuation | $\$$ | 206,906 | $\$$ | 38,280 |
| :--- | ---: | ---: | ---: | ---: |
| Land value increment tax | 19,876 |  | 19,877 |  |
| Defined benefit plans | 17,056 |  | 20,428 |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  | 243,838 |  |  |
|  |  |  |  |  |

e. Unused loss carryforwards for which no deferred tax assets have been recognized in the consolidated balance sheets

|  | December 31 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2017 |  | 2016 |  |
| Loss carryforwards |  |  |  |  |
| Expire in 2017 | \$ | 4,156,938 | \$ | 2,186,453 |
| Expire in 2018 |  | 9,738,114 |  | 7,424,143 |
| Expire in 2019 |  | 3,910,829 |  | 1,136,463 |
|  | \$ | 17,805,881 | \$ | 10,747,059 |

f. Information about unused loss carry-forward

Loss carryforward as of December 31, 2017 comprised of:

## Unused Amount

\$ 4,156,938
2017
13,762,127
2018
10,187,530
2019
2,624,589
2020
1,240,412
$\$ 31,971,596$
g. Integrated income tax

|  | December 31 |  |
| :--- | :---: | :---: |
|  | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ |
| Imputation credits accounts - the Bank | Note | $\underline{\$ 23,787}$ |

## For the Years Ended

December 31
2017
2016
Tax creditable ratio for distribution of earnings
Note
0.64\%

Note: Since the amended Income Tax Act announced in February 2018 abolished the imputation tax system, related information for 2017 is not applicable.

Under the Income Tax Law, for distribution of earnings generated from 1998 to 2016, the imputation credits allocated to ROC resident shareholders of the Bank was calculated based on the creditable ratio as of the date of dividend distribution.

The Bank had no unappropriated earnings generated before January 1, 1998.
h. 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 and CDC Finance \& Leasing Corporation through 2015 had been examined by the tax authorities.

The income tax returns of the Bank, formerly Cosmos Insurance Brokers Co., Ltd. through 2014 had been examined by the tax authorities.

## 38. EARNINGS PER SHARE

|  | For the Years Ended December 31 |  |
| :---: | :---: | :---: |
|  | 2017 | 2016 |
| Earnings used in the computation of the EPS | \$ 3,180,005 | \$ 3,827,023 |
| Weighted average outstanding common shares (shares in thousands) | 4,606,162 | 4,606,162 |
| Basic EPS (in dollars) | \$0.69 | \$0.83 |

## 39. 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.
China Life Insurance Co., Ltd.
Others

## Relationship with the Bank and Subsidiaries

Parent company
Subsidiary of the parent company
Subsidiary of the parent company
Subsidiary of the parent company (Note)
Other related parties

Note: It has become a related-party after the parent company acquired shares through public tender offer.
a. Due from banks (recognized as cash and cash equivalents)

December 31, 2017
December 31, 2016
Amount
$\%$
\$ 262,228 2

For the years ended December 31, 2017 and 2016, the interest revenue from due from banks were $\$ 0$ thousand.
b. Future contracts (recognized as cash and cash equivalents and financial assets at fair value through profit or loss)

December 31, 2017
December 31, 2016
c. Service fee revenue receivable (recognized as receivable, net)

December 31, 2017
d. Credit card (recognized as receivable, net)

December 31, 2017
December 31, 2016
e. Receivables on securities sold (recognized as receivables, net)

December 31, 2017
December 31, 2016

Amount
\$ 391,201
18,005

Amount
$\%$
\$ 9,895

Amount
$\%$
\$ 16,772
16,619
f. Discounts and loans, net

December 31, 2017
December 31, 2016
For the years ended December 31, 2017 and 2016, the interest revenues from discounts and loans were $\$ 15,117$ thousand and $\$ 15,293$ thousand, respectively.

Balance as of December 31, 2017
(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 | 44 | \$ 36,768 | \$ | 19,006 | \$ | 19,006 | \$ | - | None | Yes |
| Residential mortgage loans | 78 | 1,183,655 |  | 933,659 |  | 933,659 |  | - | Real estate | Yes |
| Others | 16 | 30,209 |  | 9,676 |  | 9,676 |  | - | Deposit/real estate | Yes |


| 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 | 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 |

g. Purchase and sale of bonds

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

For the year ended December 31, 2017

Subsidiary of the parent company
\$ 2,847,280
\$ 6,632,791

For the year ended December 31, 2016

Subsidiary of the parent company
6,817,930
1,523,921
h. Guarantee deposits paid (recognized as other assets, net)

December 31, 2017
Amount \%

December 31, 2016
\$ 23,099
20,186
i. Call loans from banks (recognized as deposits from the Central Bank and banks)


For the years ended December 31, 2017 and 2016, the interest expense for call loans from banks were $\$ 22,345$ thousand and $\$ 5,891$ thousand, respectively.
j. Payables to parent (recognized as current tax liabilities)

Parent company

| December 31 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 2017 |  |  | 2016 |  |
| Amount | \% |  | Amount | \% |
| \$ 412,845 | 100 | \$ | 379,060 | 99 |

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)

1. Deposits

December 31, 2017
December 31, 2016

| Amount | $\boldsymbol{\%}$ | Interest Rate <br> $(\%)$ |  |
| :---: | :---: | :---: | :---: |
| $\$ 15,343,386$ | 4 | $0-5.58$ |  |
|  | $29,060,162$ | 8 | $0-5.80$ |

For the years ended December 31, 2017 and 2016, the interest expenses for deposits were $\$ 129,874$ thousand and $\$ 129,622$ thousand, respectively.
m. Service fee revenue (recognized as service fee income, net)

|  | Amount | \% |  |
| :--- | ---: | ---: | ---: |
| 2017 |  | 38,973 | 2 |
| 2016 | $\$, 626$ | 1 |  |

Service fee revenue was comprised of sale of insurance, fund, and trust related business and other agency business.
n. Rental income

|  | Amount | \% |
| :--- | ---: | ---: | ---: |
| 2017 | $\$ 3,206$ | 2 |
| 2016 | $\$ 3,329$ | 4 |

The rent was based on market prices and receivable monthly.
o. Service fee expenses (recognized as service fee income, net)

2017
2016

Amount \%
\$ 16,156
2,920
p. Rental (recognized as other general and administrative expenses)

2017
2016

The rent was based on market prices and payable monthly or quarterly.
q. Insurance expenses (recognized as employee benefits expense)

2017 Amount | \% | Am |
| :---: | :---: |

\$ 4,825
r. Donation (recognized as other general and administrative expenses)
s. Other general and administrative expenses (Note)

2017
2016
Amount \%
\$ 80,351 4
61,850 3

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.
t. Outstanding derivative financial instruments

December 31, 2017
(In Thousands of New Taiwan Dollars)
$\left.\begin{array}{|c|c|c|c|c|c|c|c|}\hline \text { Related Party } & \text { Contract Type } & \text { Contract Period } & \text { Contract } \\ \text { Amount }\end{array} \quad \begin{array}{c}\text { Valuation } \\ \text { Gain (Loss) }\end{array}\right)$

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

| Related Party | Contract Type | Contract Period | Contract Amount |  | Valuation Gain (Loss) |  | Balance Sheet |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Account | Balance |  |
| Subsidiaries of the parent company | Asset swap-interest rate swap contracts |  | \$ | 114,000 |  |  | \$ | 3,883 | Financial assets at FVTPL | \$ | 4,342 |
|  | Asset swap-option contracts contracts | $\begin{array}{r\|} \hline \text { January } 5,2016- \\ \text { May } 20,2019 \\ \hline \end{array}$ |  | 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 |

u. Compensation of key management personnel

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

For the Years Ended
December 31
2017
2016
\$ 157,904
2,228
876
\$ 161,008
\$ 160,747

In addition to the above, the Bank also paid housing rental, car rental and drivers' salaries, $\$ 6,687$ thousand and $\$ 7,263$ thousand for the years ended December 31, 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.

## 40. PLEDGED ASSETS

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

| Assets | Object | Purpose | December 31 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | 2017 |  | 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 U.S. dollar liquidation and other transactions of guarantee | \$ | 6,520,000 | \$ | 21,230,000 |
| Financial assets at fair value through profit or loss | Government bonds | Guarantees for provisional seizure |  | 5,171 |  | - |
| Lease receivables | Notes receivable | Commercial paper payable and short-term borrowing |  | 2,541,307 |  | 2,983,362 |
| Available-for-sale financial assets | Government bonds | Guarantees for provisional seizure |  | 23,340 |  | 23,389 |
| Available-for-sale financial assets | Government bonds | Guarantees and provisions |  | 157,256 |  | 155,249 |
| Available-for-sale financial assets | Negotiable certificates of deposits | As collaterals for day-term overdraft and U.S. dollar liquidation and other transactions of guarantee |  | 10,804,495 |  | - |
| Property and equipment, net | Property | Commercial paper payable and short-term borrowing |  | 12,931 |  | 13,244 |
| Investment property, net | Investment property | Commercial paper payable and short-term borrowing |  | 41,546 |  | 42,901 |
| Other financial assets, net | Time deposits | Short-term borrowing |  | 1,300 |  | 1,300 |
| Other assets, net | Cash in banks - impound account | Commercial paper payable and short-term borrowing |  | 62,258 |  | 48,012 |

## 41. 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 December 31, 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 $\$ 721,778$ thousand for the remaining years.
b. In December 2012, a third party filed a lawsuit claiming that the Bank fraudulently infringed upon the property rights of creditors (credit litigation amounted to $\$ 481,157$ thousand) on Dun Nan building. On February 14, 2014, the Taipei District Court adjudicated that the Bank has to return the amount of $\$ 1,786,318$ thousand for re-allocation. The Bank has appealed against this sentence on March 10, 2014. The original adjudication in favor of the third party was revoked by the court. The third party filed an appeal but the court rejected the third party's appeal on July 26, 2017. The third party filed a new appeal in the appeal period. The supreme court is hearing this case on third trial now.

## 42. 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:

December 31, 2017

|  | Level I |  | Level II |  | (In Thousands of New Taiwan Dollars) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Level III | Total |  |
| $\underline{\text { Measured on a recurring basis }}$ |  |  |  |  |  |  |  |  |
| $\underline{\text { Non-derivative financial instruments }}$ |  |  |  |  |  |  |  |  |
| Assets |  |  |  |  |  |  |  |  |
| Financial assets at FVTPL |  |  |  |  |  |  |  |  |
| Financial assets held for trading |  |  |  |  |  |  |  |  |
| Bond investments | \$ | 5,279,614 |  |  | \$ | - - | \$ | - | \$ | 5,279,614 |
| Commercial paper payable |  |  |  | 8,775,184 |  | - |  | 8,775,184 |
| Others |  | 330,903 |  | 40 |  | - |  | 330,943 |
| Financial assets designated as at FVTPL |  | - |  | 23,650,076 |  | - |  | 23,650,076 |
| Available-for-sale financial assets |  |  |  |  |  |  |  |  |
| Stock investments |  | 5,330,674 |  | - |  | - |  | 5,330,674 |
| Bond investments |  | 46,170,117 |  | 45,327,178 |  | - |  | 91,497,295 |
| Negotiable certificate of deposits |  | , |  | 30,834,526 |  | - |  | 30,834,526 |
| Liabilities |  |  |  |  |  |  |  |  |
| Financial liabilities at FVTPL |  |  |  |  |  |  |  |  |
| Financial liabilities designated as at |  |  |  |  |  |  |  |  |
| $\underline{\text { Derivative financial instruments }}$ |  |  |  |  |  |  |  |  |
| Assets |  |  |  |  |  |  |  |  |
| Financial assets at FVTPL |  | 305,466 |  | 15,956,740 |  | 143,196 |  | 16,405,402 |
| Liabilities |  |  |  |  |  |  |  |  |
| Financial liabilities at FVTPL |  | - |  | 25,726,204 |  | 140,494 |  | 25,866,698 |

Measured on a recurring basis
Non-derivative financial instruments

## Assets

Financial assets at FVTPL Financial assets held for trading Bond investments Commercial paper payable Others
Financial assets designated as at FVTPL
Available-for-sale financial assets Stock investments
Bond investments

| $\$ 27,993,775$ | $\$ 246,664$ | $\$$ | - | $\$ 28,240,439$ |
| ---: | ---: | ---: | :--- | ---: |
| - | $2,797,870$ |  | - | $2,797,870$ |
| 3,849 | - |  |  | 3,849 |
| 191,269 | $41,171,537$ |  | - | $41,362,806$ |
|  |  | - | - | $4,801,347$ |
| $4,801,347$ | $46,104,213$ |  | - | $83,920,699$ |

Liabilities
Financial liabilities at FVTPL Financial liabilities designated as at FVTPL

11,892,012
11,892,012
Derivative financial instruments
Assets

| Financial assets at FVTPL | - | $25,256,903$ | 177,705 | $25,434,608$ |
| :--- | :--- | :--- | :--- | :--- |
| Liabilities |  | $27,281,713$ | 234,417 | $27,516,130$ |

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 and subsidiaries' 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 and subsidiaries 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 "Financial Instruments: Recognition and Measurement".

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

|  | For the Year Ended December 31, 2017 |  | For the Year Ended December 31, 2016 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 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 |
| Bond investments Financial assets at FVTPL Available-for-sale financial assets | \$ | \$ | $\begin{array}{r} \$ \quad 226,823 \\ 5,366,996 \end{array}$ | $\begin{array}{lr} \text { \$ } & - \\ 300,968 \end{array}$ |

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 Year Ended December 31, 2017
(In Thousands of New Taiwan Dollars)

(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 Year Ended December 31, 2017
(In Thousands of New Taiwan Dollars)


For the Year Ended December 31, 2016
(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 gain of $\$ 165,669$ thousand and loss of $\$ 42,475$ thousand on the assets and liabilities held for the years ended December 31, 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:

|  | Fair Value at <br> December 31, <br> 2017 | Valuation <br> Technique(s) | Significant <br> Unobservable <br> Inputs | Interval | The Relationship <br> Between Inputs and Fair Value |
| :--- | :---: | :---: | :---: | :--- | :--- |
| Measured on a recurring basis |  | $\$ 143,196$ |  |  |  |
| Derivative financial instruments | HullWhite, Libor <br> market model, <br> discounted cash <br> flow | Quality/factor <br> FREQ/simulate <br> method | Adjusted daily <br> based on market <br> information | Inputs of parameters do not contain <br> linear relation, which analyzed by <br> comparing correctness, stability, <br> rationality, efficiency of <br> performance and other different <br> aspects of the outcome. <br> Then the <br> Bank select the applicable one |  |
| Financial liabilities at FVTPL |  |  |  |  |  |


|  | 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. |

## 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

December 31, 2017
(In Thousands of New Taiwan Dollars)

|  | Level I | Level II | Level III | Total |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Financial assets |  |  |  |  |  |  |
| Debt instruments with no active <br> market | $\$$ | - | $\$ 5,523,388$ | $\$$ | - | $\$ 5,523,388$ |
| Non-financial assets |  |  |  |  |  |  |

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

## Financial assets

Debt instruments with no active market \$ \$ $\quad$ - $\quad \$ \quad-\quad \$ \quad 581,022 \quad \$ \quad 581,022$

## Non-financial assets

Investment properties

$$
886,233
$$

886,233

## Financial liabilities

Bank debentures payable
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 Taipei Exchange international bond statistics reports.
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.

## 43. 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:

| December 31 |  |  |
| :---: | :---: | :---: |
| $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ |  |
|  | $93,355,823$ | $\$ 102,215,434$ |

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

|  | December 31, 2017 |  | December 31, 2016 |  |
| :--- | ---: | ---: | ---: | ---: |
|  | Amount | $\%$ | Amount | $\%$ |
| Public and private enterprises | $\$ 197,705,315$ | 66.42 | $\$ 173,659,505$ | 67.87 |
| Natural persons | $99,643,651$ | 33.47 | $81,877,228$ | 32.00 |
| Non-profit organizations | 325,866 | 0.11 | 342,811 | 0.13 |
| Total | $\$ 297,674,832$ | 100.00 | $\$ 255,879,544$ | 100.00 |

b) By region

|  | December 31, 2017 |  | December 31, 2016 |  |
| :--- | ---: | ---: | ---: | ---: |
|  | Amount | \% | Amount | $\boldsymbol{\%}$ |
| Domestic | $\$ 225,941,825$ | 75.90 | $\$ 199,963,503$ | 78.15 |
| Overseas | $71,733,007$ | 24.10 | $55,916,041$ | 21.85 |
| Total | $\$ 297,674,832$ | 100.00 | $\$ 255,879,544$ | 100.00 |

c) By collateral

|  | December 31, 2017 |  | December 31, 2016 |  |
| :--- | ---: | ---: | ---: | ---: |
|  | Amount | $\%$ | Amount | $\%$ |
| Credit | $\$ 178,769,206$ | 60.06 | $\$ 159,432,165$ | 62.31 |
| Secured |  |  |  |  |
| Financial collaterals | $6,857,650$ | 2.30 | $5,533,267$ | 2.16 |
| Real estate | $89,144,353$ | 29.95 | $69,541,082$ | 27.18 |
| Guarantees | $16,997,483$ | 5.71 | $15,837,714$ | 6.19 |
| Other | $5,906,140$ | 1.98 | $5,535,316$ | 2.16 |
| Total | $\$ 297,674,832$ | 100.00 | $\$ 255,879,544$ | 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

| December 31, 2017 | Neither Overdue Nor Impaired Amount (A) | Overdue But <br> Not Yet <br> Impaired <br> Amount (B) | Impairment <br> Amount (C) | Total$(\mathbf{A})+(\mathbf{B})+(\mathbf{C})$ | Loss Recognized (D) |  | Net Total <br> (A) $+($ B $)+$ <br> (C)-(D) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | With Objective Evidence of Impairment | With No Objective Evidence of Impairment |  |
| Receivables |  |  |  |  |  |  |  |
| Credit card and credit business | \$ 15,698,179 | \$ 43,486 | \$ 64,953 | \$ 15,806,618 | \$ 37,122 | \$ 194,872 | \$ 15,574,624 |
| Other | 5,978,176 | 23,637 | 1,726,487 | 7,728,300 | 1,187,957 | 48,277 | 6,492,066 |
| Discounts and loans | 295,523,731 | 1,215,585 | 935,516 | 297,674,832 | 486,258 | 3,438,273 | 293,750,301 |


| December 31, 2016 | Neither Overdue Nor Impaired Amount (A) | Overdue But Not Yet Impaired Amount (B) | Impairment Amount (C) | Total$(\mathbf{A})+(\mathbf{B})+(\mathbf{C})$ | Loss Recognized (D) |  | Net Total (A) $+(\mathrm{B})+$ (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 |

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:

| December 31, 2017 | Neither Overdue Nor Impaired Amount |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Excellent | Good |  | Normal |  | No Ratings |  | Total (A) |  |
| Consumer banking |  |  |  |  |  |  |  |  |  |
| Mortgage loans | \$ 27,762,808 | \$ | 12,031,615 | \$ | 158,841 | \$ | - | \$ | 39,953,264 |
| Cash card | 8,177,519 |  | 2,800,191 |  | 571,461 |  | 2,313,105 |  | 13,862,276 |
| Micro credit loans | 18,203,312 |  | 2,402,956 |  | 131,530 |  | 87,718 |  | 20,825,516 |
| Other - secured | 18,557,903 |  | 1,612,323 |  | 75,362 |  | 77,038 |  | 20,322,626 |
| Other - unsecured | 36,502 |  | - |  | - |  | - |  | 36,502 |
| Corporate banking |  |  |  |  |  |  |  |  |  |
| Secured | 13,679,272 |  | 19,220,389 |  | 23,656,679 |  | 2,300,147 |  | 58,856,487 |
| Unsecured | 34,207,906 |  | 67,845,728 |  | 33,107,571 |  | 6,505,855 |  | 141,667,060 |
| Total | \$ 120,625,222 | \$ | 105,913,202 | \$ | 57,701,444 | \$ | 11,283,863 | \$ | 295,523,731 |


| December 31, 2016 | Neither Overdue Nor Impaired Amount |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Excellent | Good |  | Normal |  | No Ratings |  | Total (A) |  |
| Consumer banking |  |  |  |  |  |  |  |  |  |
| Mortgage loans | \$ 20,619,402 | \$ | 7,823,627 | \$ | 60,603 | \$ | - | \$ | 28,503,632 |
| Cash card | 8,183,177 |  | 2,716,848 |  | 639,023 |  | 2,772,738 |  | 14,311,786 |
| Micro credit loans | 16,524,651 |  | 2,030,135 |  | 155,321 |  | 81,658 |  | 18,791,765 |
| Other - secured | 15,126,807 |  | 1,443,817 |  | 96,230 |  | 59,219 |  | 16,726,073 |
| Other - unsecured | 43,490 |  | - |  | - |  | 2,764 |  | 46,254 |
| Corporate banking |  |  |  |  |  |  |  |  |  |
| Secured | 14,348,674 |  | 19,565,638 |  | 15,836,689 |  | 757,145 |  | 50,508,146 |
| Unsecured | 26,744,197 |  | 68,938,717 |  | 25,144,016 |  | 3,606,082 |  | 124,433,012 |
| Total | \$ 101,590,398 | \$ | 102,518,782 | \$ | 41,931,882 | \$ | 7,279,606 | \$ | 253,320,668 |


| December 31, 2017 | Neither Overdue Nor Impaired Amount |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Excellent |  | Good |  | Normal |  | No Ratings |  | Total (A) |  |
| Credit card and credit business |  |  |  |  |  |  |  |  |  |  |
| Credit card | \$ | 747,269 | \$ | 530,405 | \$ | 623,286 | \$ | 643,356 | \$ | 2,544,316 |
| Accounts receivable - forfaiting |  | 803,084 |  | 1,399,341 |  | - |  | 2,197,695 |  | 4,400,120 |
| Accounts receivable - factoring without recourse |  | 5,220,381 |  | 2,545,856 |  | 414,862 |  | 313,992 |  | 8,495,091 |
| Acceptances |  | - |  | 233,900 |  | 24,752 |  | - |  | 258,652 |
| Total | \$ | 6,770,734 | \$ | 4,709,502 | \$ | 1,062,900 | \$ | 3,155,043 | \$ | 15,698,179 |


| 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 |

c) Credit analysis of marketable securities


Note 1: Available-for-sale financial assets other than the above investment in bonds have an initial cost of $\$ 5,865,555$ thousand, loss on valuation of $\$ 534,881$ 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 in bonds 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.
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 | December 31, 2017 |  |  |
| :--- | ---: | ---: | ---: |
|  | $\mathbf{1}$ Month | Over 1 Month - <br> 3 Months | Total |
| Credit card | $\$ 22,548$ | $\$ 20,938$ | $\$ 43,486$ |
| Discount and loans |  |  |  |
| Consumer banking | 224,158 | 41,454 | 265,612 |
| Mortgage loans | 264,761 | 58,552 | 323,313 |
| Cash card | 303,909 | 92,686 | 396,595 |
| Micro credit loans | 116,562 | 41,731 | 158,293 |
| Other - secured | 654 | - | 654 |
| Other - unsecured |  |  |  |
| Corporate banking | 46,112 | 625 | 46,737 |
| Secured | 24,172 | 209 | 24,381 |
| Unsecured |  |  |  |


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

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 |  |
| :--- | :--- | ---: | ---: | ---: | ---: |
|  | December 31, <br> $\mathbf{2 0 1 7}$ | December 31, <br> $\mathbf{2 0 1 6}$ | December 31, <br> $\mathbf{2 0 1 7}$ | December 31, <br> $\mathbf{2 0 1 6}$ |  |
| With objective evidence of <br> impairment | Assessment of individual <br> impairment | $\$ 184,525$ | $\$$ | 376,736 | $\$$ |
|  | Assessment of collective <br> impairment | 750,991 | 766,935 | 443,884 | $\$$ |
| With no objective evidence <br> of impairment | Assessment of collective <br> impairment | $296,739,316$ | $254,735,873$ | $3,438,273$ | $2,905,962$ |
| Total | $297,674,832$ | $255,879,544$ | $3,924,531$ | $3,429,672$ |  |


| Items |  | Receivables |  | Allowance for Bad Debts |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} \text { December 31, } \\ 2017 \end{gathered}$ | $\begin{gathered} \hline \text { December 31, } \\ 2016 \\ \hline \end{gathered}$ | $\begin{gathered} \text { December 31, } \\ 2017 \end{gathered}$ | $\begin{gathered} \hline \text { December 31, } \\ 2016 \\ \hline \end{gathered}$ |
| With objective evidence of impairment | Assessment of individual impairment | \$ 1,707,936 | \$ 1,900,712 | \$ 1,173,526 | \$ 1,315,493 |
|  | Assessment of collective impairment | 83,504 | 76,569 | 51,553 | 49,452 |
| With no objective evidence of impairment | Assessment of collective impairment | 21,743,478 | 28,242,686 | 243,149 | 349,635 |
| Total |  | 23,534,918 | 30,219,967 | 1,468,228 | 1,714,580 |

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 and subsidiaries' foreclosed collaterals were mainly securities, land and buildings. As of December 31, 2017 and 2016, the carrying amounts of the collaterals were $\$ 0$ thousand. Foreclosed collaterals assumed are classified as other assets in the balance sheets.

The Bank had gained on disposal of collaterals with amounts of $\$ 128,237$ thousand and $\$ 0$ thousand during 2017 and 2016, respectively, and recognized as other non-interest net income.
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 |  |  | December 31, 2017 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{aligned} & \text { Nonperforming } \\ & \text { Loan (NPL) } \\ & \text { (Note 1) } \\ & \hline \end{aligned}$ |  | Total Loans |  | NPL Ratio (Note 2) | Loan Loss Reserves (LLR) |  | Coverage Ratio (Note 3) |
| Corporate banking | Secured |  | \$ | 118,803 | \$ | 59,013,613 | 0.20\% | \$ | 706,728 | 594.87\% |
|  | Unsecured |  |  | 133,484 |  | 141,820,168 | 0.09\% |  | 1,691,518 | 1,267.20\% |
| Consumer banking | Mortgage (Note 4) |  |  | 40,044 |  | 40,290,946 | 0.10\% |  | 544,139 | 1,358.85\% |
|  | Cash card |  |  | 159,427 |  | 14,516,318 | 1.10\% |  | 387,169 | 242.85\% |
|  | Micro credit (Note 5) |  |  | 151,855 |  | 21,492,486 | 0.71\% |  | 317,929 | 209.36\% |
|  | Other (Note 6) | Secured |  | 21,368 |  | 20,503,800 | 0.10\% |  | 276,542 | 1,294.20\% |
|  |  | Unsecured |  | 345 |  | 37,501 | 0.92\% |  | 506 | 146.88\% |
| Total |  |  |  | 625,326 |  | 297,674,832 | 0.21\% |  | 3,924,531 | 627.60\% |
|  |  |  | Overdue Receivable |  | Account Receivable |  | Delinquency Ratio |  | wance for <br> it Losses | Coverage Ratio |
| Credit card |  |  | \$ | 20,390 | \$ | 2,648,363 | 0.77\% | \$ | 48,842 | 239.54\% |
| Account receivable - factoring without recourse <br> (Note 7) |  |  |  | 3,732 |  | 8,498,884 | 0.04\% |  | 116,949 | 3,134.11\% |


| Item |  |  | December 31, 2016 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Nonperforming Loan (NPL) (Note 1) |  | Total Loans |  | NPL Ratio (Note 2) | Loan Loss Reserves (LLR) |  | Coverage Ratio (Note 3) |
| Corporate banking | Secured |  | \$ | 153,513 | \$ | 50,916,170 | 0.30\% | \$ | 605,608 | 394.50\% |
|  | Unsecured |  |  | 324,861 |  | 124,754,280 | 0.26\% |  | 1,505,056 | 463.29\% |
| Consumer banking | Mortgage (Note |  |  | 39,967 |  | 28,859,486 | 0.14\% |  | 384,928 | 963.12\% |
|  | Cash card |  |  | 175,281 |  | 14,985,877 | 1.17\% |  | 417,765 | 238.34\% |
|  | Micro credit (N | ote 5) |  | 160,697 |  | 19,434,610 | 0.83\% |  | 290,606 | 180.84\% |
|  | Other (Note 6) | Secured |  | 6,479 |  | 16,881,472 | 0.04\% |  | 225,073 | 3,473.86\% |
|  |  | Unsecured |  | 2,389 |  | 47,649 | 5.02\% |  | 636 | 26.59\% |
| Total |  |  |  | 863,187 |  | 255,879,544 | 0.34\% |  | 3,429,672 | 397.33\% |
|  |  |  | Overdue Receivable |  | Account Receivable |  | Delinquency Ratio | Allowance for Credit Losses |  | Coverage Ratio |
| Credit card |  |  | \$ | 25,200 | \$ | 2,621,513 | 0.96\% | \$ | 50,580 | 200.72\% |
| Account receivable - factoring without recourse <br> (Note 7) |  |  |  | 46 |  | 9,590,067 | 0.00\% |  | 138,798 | 303,013.14\% |

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" issued by the Ministry of Finance. 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. 094000494), 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 | December 31, 2017 |  | December 31, 2016 |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{c}\text { Excluded } \\ \text { NPL }\end{array}$ | $\begin{array}{c}\text { Excluded } \\ \text { Overdue } \\ \text { Receivables }\end{array}$ | $\begin{array}{c}\text { Excluded } \\ \text { NPL }\end{array}$ | $\begin{array}{c}\text { Excluded } \\ \text { Overdue } \\ \text { Receivables }\end{array}$ |  |
| $\begin{array}{c}\text { Amounts of executed } \\ \text { contracts on negotiated } \\ \text { debts not reported (Note 1) }\end{array}$ | $\$ 12,862$ | $\$$ | 137 | $\$ 36,467$ | $\$$ |
| $\begin{array}{l}\text { Amounts of executed debt } \\ \text { settlement program and } \\ \text { rehabilitation program not } \\ \text { reported (Note 2) }\end{array}$ |  |  |  |  |  |
| Total | 46,561 |  | 4,276 |  | 29,330 |$]$| 3,928 |
| :--- |

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 letter dated September 15, 2008 (Order No. 09700318940 ).
c) Concentration of credit risk

December 31, 2017

| Top 10 <br> Ranking | Group (Industry Category) | Total Credit | Percentage <br> of Net <br> Worth (\%) |
| :---: | :--- | ---: | :---: |
| 1 | A Group - 011850 manufacture of man-made fibers | $\$ 5,899,179$ | 9.64 |
| 2 | B Group - 012711 manufacture of computers | $4,340,394$ | 7.09 |
| 3 | C Group -012711 manufacture of computers | $4,199,518$ | 6.86 |
| 4 | D Group - 012641 manufacture of liquid crystal panel <br> and components | $4,035,229$ | 6.59 |
| 5 | E Group - 016700 real estate development activities | $3,825,000$ | 6.25 |
| 6 | F Group - 012411 smelting and refining of Iron and <br> steel | $3,625,759$ | 5.92 |
| 7 | G Group - 016700 real estate development activities | $3,468,927$ | 5.67 |
| 8 | H Group - 012740 manufacture of magnetic and <br> optical media | $3,200,000$ | 5.23 |
| 9 | I Group -011512 manufacture of paper | $3,019,197$ | 4.93 |
| 10 | J Group - 014510 wholesale on a fee or contract basis | $2,984,800$ | 4.88 |

December 31, 2016

| Top 10 <br> Ranking | Group (Industry Category) | Total Credit | Percentage <br> of Net <br> Worth (\%) |
| :---: | :--- | ---: | :---: |
| 1 | A Group - 016102 wireless telecommunication <br> activities | $\$ 6,208,240$ | 10.57 |
| 2 | B Group - 012711 manufacture of computers | $4,165,657$ | 7.09 |
| 3 | K Group - 015100 air transport | $4,025,770$ | 6.86 |
| 4 | J Group - 014510 wholesale on a fee or contract basis | $3,227,900$ | 5.50 |
| 5 | D Group - 012641 manufacture of liquid crystal panel <br> and components | $3,064,630$ | 5.22 |
| 6 | I Group - 011599 manufacture of other paper products <br> not elsewhere classified | $3,055,979$ | 5.20 |
| 7 | H Group - 012740 manufacture of magnetic and <br> optical media | $2,950,000$ | 5.02 |
| 8 | G Group - 016700 real estate development activities | $2,779,993$ | 4.73 |
| 9 | L Group - 012611 manufacture of integrated circuits | $2,628,808$ | 4.48 |
| 10 | M Group - 016811 real estate activities for sale and <br> rental with own or leased property | $2,628,185$ | 4.48 |

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)

| December 31, 2017 |  | 0-30 Days | 31-90 Days |  | 91-180 Days |  | 181 Days-1 Year |  | Over 1 Year |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Deposits from the Central Bank and banks | \$ | 13,674,126 | \$ | 228,883 | \$ | 247,104 | \$ | 332,409 | \$ | - | \$ | 14,482,522 |
| Notes and bonds issued under repurchase agreements |  | 3,860,000 |  | 1,471,476 |  | - |  | - |  | - |  | 5,331,476 |
| Deposits and remittances |  | 48,460,575 |  | 81,507,923 |  | 44,251,682 |  | 52,244,104 |  | 22,537,387 |  | 249,001,671 |
| Bank debentures payable |  | - |  | - |  | - |  | - |  | 1,000,000 |  | 1,000,000 |
| Other capital outflow on maturity |  | 2,441,434 |  | 719,738 |  | 412,288 |  | 440,011 |  | 544,546 |  | 4,558,017 |
| Total | \$ | 68,436,135 | \$ | 83,928,020 | \$ | 44,911,074 | \$ | 53,016,524 | \$ | 24,081,933 | \$ | 274,373,686 |

(In Thousands of New Taiwan Dollars)

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


| December 31, 2017 |  | 0-30 Days | 31-90 Days |  | 91-180 Days |  | 181 Days-1 Year |  | Over 1 Year |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Deposits from the Central Bank and banks | \$ | 270,000 | \$ | 140,000 | \$ | 45,000 | \$ | - | \$ | - | \$ | 455,000 |
| Notes and bonds issued under repurchase agreements |  | 242,013 |  | 978,842 |  | 67,705 |  | - |  | - |  | 1,288,560 |
| Deposits and remittances |  | 1,543,470 |  | 696,629 |  | 458,433 |  | 998,432 |  | 89 |  | 3,697,053 |
| Bank debentures payable |  | - |  | - |  | - |  | - |  | 583,556 |  | 583,556 |
| Other capital outflow on maturity |  | 33,284 |  | 18,330 |  | 6,844 |  | 1,961 |  | 84,454 |  | 144,873 |
| Total | \$ | 2,088,767 | \$ | 1,833,801 | \$ | 577,982 | \$ | 1,000,393 | \$ | 668,099 | \$ | 6,169,042 |

(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 |
| Deposits and remittances |  | 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 |

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)

| December 31, 2017 | 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 | -189,405,927 | 255,970,080 | 133,687,744 | $88,661,268$ | 4,671,300 | $672,396,319$ |
| Interest rate derivatives instruments Cash outflow |  |  | $(318,008)$ |  | 7) | $(15,628,987)$ |
| Cash inflow | 176,526 | 430,372 | 14,089 | - | ) | 620,987 |
| Cash outflow subtotal | (199,601,661) | (277,532,632) | $(135,498,517)$ | $(91,266,434)$ | (19,372,517) | (723,271,761) |
| Cash inflow subtotal | 189,582,453 | 256,400,452 | 133,701,833 | 88,661,268 | 4,671,300 | 673,017,306 |
| Net cash flow | \$ (10,019,208) | \$ (21,132,180) | \$ (1,796,684) | \$ $(2,605,166)$ | \$ (14,701,217) | \$ (50,254,455) |


| 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 outflow |  |  |  |  |  |  |
| Cash outflow Cash inflow | $\begin{gathered} \$(171,492,690) \\ 164,681,784 \end{gathered}$ | $\$(231,995,114)$ $234,004,664$ | $\$(167,321,858)$ $162,867,950$ | $\begin{gathered} \$(17,638,218) \\ 18,831,464 \end{gathered}$ | \$ $(327,000)$ | $\begin{gathered} \$(588,774,880) \\ 580,385,862 \end{gathered}$ |
| Interest rate derivatives instruments Cash outflow | ) | (4) | 1) | $(912,497)$ | $(15,023,911)$ | (18,129,509) |
| Cash inflow | 214,301 | 423,840 | - | - | - | 638,141 |
| Others |  |  |  |  |  |  |
| 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)

| December 31, 2016 |  | 0-30 Days |  | 1-90 Days |  | -180 Days |  | Days-1 Year |  | r 1 Year | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Derivative financial instruments at FVTPL Foreign exchange derivatives instruments Cash outflow Cash inflow | \$ |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | $(5,801,671)$ |  | $(7,928,173)$ |  | $(5,383,285)$ | \$ | $(1,081,788)$ | \$ | $(149,201)$ | \$ (20,344, 118 ) |
|  |  | 6,155,681 |  | 7,902,248 |  | 5,527,944 |  | 928,621 |  | 174,935 | 20,689,429 |
| Interest rate derivatives instruments Cash outflow |  |  |  |  |  |  |  |  |  |  |  |
| Cash inflow |  | $13,143$ |  | $33,962$ |  | $\begin{gathered} (30,342) \\ 29,726 \end{gathered}$ |  | $\begin{gathered} 1,006) \\ 689 \end{gathered}$ |  | $(20,264)$ | $77,520$ |
| Others |  |  |  |  |  |  |  |  |  |  |  |
| Cash outflow |  | (744) |  | - |  | - |  | - |  | - | (744) |
| Cash inflow |  | 275 |  | - |  | - |  | - |  | - | 275 |
| Cash outflow subtotal |  | $(5,822,267)$ |  | (7,962,038) |  | (5,413,627) |  | $(1,082,794)$ |  | $(169,465)$ | $(20,450,191)$ |
| Cash inflow subtotal |  | 6,169,099 |  | 7,936,210 |  | 5,557,670 |  | 929,310 |  | 174,935 | 20,767,224 |
| Net cash flow | \$ | 346,832 | \$ | $(25,828)$ | \$ | 144,043 | \$ | $(153,484)$ | \$ | 5,470 | \$ 317,033 |

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.

| December 31, 2017 |  | 0-30 Days | 31-90 Days |  | 91-180 Days |  | 181 Days-1 Year |  | Over 1 Year |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Irrevocable loan commitments, guarantees and letters of credit issued yet unused | \$ | 5,439,604 | \$ | 7,515,960 | \$ | 7,969,697 | \$ | 28,447,836 | \$ | 43,982,726 | \$ | 93,355,823 |


| December 31, 2016 | 0-30 Days |  | 31-90 Days |  | 91-180 Days |  | 181 Days-1 Year |  | Over 1 Year |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Irrevocable loan commitments, guarantees and letters of credit issued yet unused | \$ | 6,402,878 | \$ | 11,356,859 | \$ | 11,247,994 | \$ | 29,457,826 | \$ | 43,749,877 |  | 102,215,434 |

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:

| December 31, 2017 | Less Than <br> 1 Year | $\mathbf{1 - 5}$ Years | Over 5 Years | Total |
| :---: | ---: | ---: | ---: | :---: |
| Lease agreement <br> Financial lease gross income <br> (lessor) <br> Financial lease present value <br> income (lessor) <br> Operating lease payment <br> (lessee) | $1,994,828$ | $1,956,206$ |  |  |
| Operating lease income <br> (lessor) <br> Present value of financial <br> lease payment (lessee) | 324,587 | 577,781 | $-11,269$ | $\$ 2,053,551$ |


| 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) | $3,076,383$ | $2,970,345$ | $\$ 6,424,942$ |  |
| 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 |

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)

| $\begin{gathered} \text { December 31, } \\ 2017 \\ \hline \end{gathered}$ | 0-10 Days |  | 11-30 Days |  | 31-90 Days |  | 91-180 Days |  | 181 Days-1 Year |  | Over 1 Year |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Main capital inflow on maturity | \$ | 127,058,823 | \$ | 219,715,996 | \$ | 295,579,614 | \$ | 163,632,779 | \$ | 128,864,381 | \$ | 117,527,786 | \$ | 1,052,379,379 |
| $\begin{array}{\|c} \hline \text { Main capital } \\ \text { outflow on } \\ \text { maturity } \\ \hline \end{array}$ |  | 95,731,910 |  | 183,638,358 |  | 383,761,033 |  | 208,991,914 |  | 213,997,515 |  | 205,014,186 |  | 1,291,134,916 |
| Gap |  | 31,326,913 |  | 36,077,638 |  | $(88,181,419)$ |  | $(45,359,135)$ |  | $(85,133,134)$ |  | $(87,486,400)$ |  | $(238,755,537)$ |

(In Thousands of New Taiwan Dollars)

| $\begin{gathered} \hline \text { December 31, } \\ 2016 \\ \hline \end{gathered}$ | 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 | \$ | 149,978,483 | \$ | 187,766,579 | \$ | 273,928,025 | \$ | 188,006,146 | \$ | 58,519,345 | \$ | 96,361,544 | \$ | 954,560,122 |
| $\begin{array}{\|l\|} \hline \text { Main capital } \\ \text { outflow on } \\ \text { maturity } \\ \hline \end{array}$ |  | 138,288,017 |  | 186,969,792 |  | 335,677,721 |  | 259,116,285 |  | 111,646,052 |  | 132,880,819 |  | 1,164,578,686 |
| Gap |  | 11,690,466 |  | 796,787 |  | $(61,749,696)$ |  | (71,110,139) |  | $(53,126,707)$ |  | $(36,519,275)$ |  | $(210,018,564)$ |

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

| December 31, 2017 | 0-30 Days | 31-90 Days | 91-180 Days | 181 Days-1 Year | Over 1 Year | Total |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Main capital inflow on <br> maturity | $\$ 9,056,306$ | $\$ 10,980,822$ | $\$ 5,171,771$ | $\$ 3,691,720$ | $\$$ | $2,485,901$ |
| Main capital outflow on <br> maturity | $9,399,859$ | $11,470,249$ | $5,792,896$ | $5,043,384$ | $\$ 31,386,520$ |  |
| Gap | $(343,553)$ | $(489,427)$ | $(621,125)$ | $(1,351,664)$ | $2,215,725$ | 270,176 |

(In Thousands of U.S. Dollars)
\(\left.\begin{array}{|l|c|c|c|c|c|c|}\hline December 31, 2016 \& 0-30 Days \& 31-90 Days \& 91-180 Days \& 181 Days-1 Year \& Over 1 Year \& Total <br>
\hline \begin{array}{l}Main capital inflow on <br>

maturity\end{array} \& \$ 7,791,191 \& \$ 8,779,663 \& \$ 8,933,975 \& \$ 1,350,339 \& \$ \& 1,585,732\end{array}\right\}\)|  |
| :--- |
| Main capital outflow on <br> maturity |
| Gap |

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 Year Ended December 31, 2017 |  |  | For the Year Ended December 31, 2016 |  |  |  |
| :--- | :---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Average | Highest | Lowest | Average | Highest | Lowest |  |
| Interest rate risk | $\$ 98,810$ | $\$ 187,181$ | $\$ 29,201$ | $\$ 33,310$ | $\$ 74,214$ | $\$$ | 17,157 |
| Equity risk | 8,254 | 13,354 | 4,918 | 5,951 | 12,389 | 2,336 |  |
| Foreign exchange risk | 10,860 | 44,645 | 2,060 | 36,105 | 80,973 | 6,133 |  |

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) 



December 31, 2016

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

## Financial assets

| Monetary items |  |  |  |
| :--- | ---: | ---: | ---: |
| USD | $5,345,458$ | 32.28 | $\$ 172,546,025$ |
| RMB |  | $1,934,700$ | 4.62 |
| HKD | 604,307 | 4.16 | $8,941,990$ |
| EUR | 61,196 | 33.92 | $2,515,248$ |
| GBP | 45,031 | 39.61 | $2,075,584$ |
| JPY | $3,860,310$ | 0.28 | $1,783,666$ |
| AUD | 11,789 | 23.30 | $1,064,287$ |
| ZAR | 85,730 | 274,698 |  |
| THB | 169,664 | 2.37 | 203,017 |
| CAD | 6,237 | 0.90 | 152,884 |
| Nonmonetary items |  | 23.93 | 149,229 |
| HKD | 521,348 | 4.16 | $2,169,956$ |

Financial liabilities

| Monetary items |  |  |  |
| :---: | ---: | ---: | ---: |
| USD | $5,475,408$ | 32.28 | $176,740,694$ |
| RMB | $1,955,014$ | 4.62 | $9,035,879$ |
| ZAR | $1,454,274$ | 2.37 | $3,443,867$ |
| AUD | 65,000 | 23.30 | $1,514,621$ |
| EUR | 36,380 | 33.92 | $1,233,894$ |
| HKD | 293,670 | 4.16 | $1,222,312$ |
| JPY | $2,345,749$ | 0.28 | 646,723 |
| NZD | 15,481 | 22.42 | 347,017 |
| GBP | 3,801 | 39.61 | 150,540 |

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)

December 31, 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 | \$ 259,156,710 | \$ 15,038,530 | \$ 4,733,678 | \$ 74,345,633 | \$ 353,274,551 |
| Interest rate-sensitive liabilities | 143,550,855 | 96,800,437 | 22,051,229 | 3,812,474 | 266,214,995 |
| Interest rate sensitivity gap | 115,605,855 | $(81,761,907)$ | $(17,317,551)$ | 70,533,159 | 87,059,556 |
| Net worth |  |  |  |  | 59,218,356 |
| Ratio of interest rate-sensitive assets to liabilities (\%) |  |  |  |  | 132.70 |
| Ratio of interest rate-sensitive gap to net worth (\%) |  |  |  |  | 147.01 |

(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 | \$ 212,961,639 | \$ 14,406,478 | \$ 4,879,123 | \$ 108,803,232 | \$ 341,050,472 |
| Interest rate-sensitive liabilities | 151,925,098 | 94,329,388 | 36,692,575 | 4,274,816 | 287,221,877 |
| Interest rate sensitivity gap | 61,036,541 | $(79,922,910)$ | $(31,813,452)$ | 104,528,416 | 53,828,595 |
| Net worth |  |  |  |  | 57,022,065 |
| Ratio of interest rate-sensitive assets to liabilities (\%) |  |  |  |  | 118.74 |
| Ratio of interest rate-sensitive gap to net worth (\%) |  |  |  |  | 94.40 |

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 $\div$ 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)

December 31, 2017
(In Thousands of U.S. Dollars)

| Item | 1 to 90 Days | 91 to 180 Days | 181 Days to 1 Year | Over 1 Year | Total |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Interest rate-sensitive assets | \$ 3,113,094 | \$ 155,835 | \$ 42,177 | \$ 1,554,905 | \$ 4,866,011 |
| Interest rate-sensitive liabilities | 4,276,669 | 469,709 | 694,146 | 583,645 | 6,024,169 |
| Interest rate sensitivity gap | (1,163,575) | $(313,874)$ | $(651,969)$ | 971,260 | $(1,158,158)$ |
| Net worth |  |  |  |  | 66,874 |
| Ratio of interest rate-sensitive assets to liabilities (\%) |  |  |  |  | 80.77 |
| Ratio of interest rate-sensitive gap to net worth (\%) |  |  |  |  | (1,731.85) |

## December 31, 2016

(In Thousands of U.S. Dollars)

| Item | 1 to 90 Days | 91 to 180 Days | 181 Days to <br> 1 Year | Over 1 Year | Total |
| :--- | :---: | ---: | ---: | ---: | :---: |
| Interest rate-sensitive assets | $\$ 2,375,210$ | $\$ 225,241$ | $\$ 449,089$ | $\$ 1,219,782$ | $\$ 4,269,322$ |
| Interest rate-sensitive liabilities | $2,988,749$ | 440,418 | 737,981 | 394,903 | $4,562,051$ |
| Interest rate sensitivity gap | $(613,539)$ | $(215,177)$ | $(288,892)$ | 824,879 | $(292,729)$ |
| Net worth |  | 52,465 |  |  |  |
| Ratio of interest rate-sensitive assets to liabilities (\%) |  | 93.58 |  |  |  |
| Ratio of interest rate-sensitive gap to net worth (\%) |  |  |  |  |  |

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 $\div$ 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:

| December 31, 2017 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Category | Transferred Financial Assets <br> - Book value | Related Financial Liabilities - Book value | Transferred Financial Assets <br> - Fair value | Related Financial Liabilities - 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``` | $\begin{array}{r} \$ 4,824,192 \\ 43,558,559 \\ \hline \end{array}$ | $\begin{array}{r} \$ 4,582,517 \\ 40,043,756 \end{array}$ | $\begin{array}{r} \$ 4,824,192 \\ 43,558,559 \\ \hline \end{array}$ | $\begin{array}{r} \$ 4,582,517 \\ 40,043,756 \\ \hline \end{array}$ | $\begin{array}{r} 241,675 \\ 3,514,803 \\ \hline \end{array}$ |


| 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 <br> repurchase agreements |  |  |  |  |  |  |
| Financial assets at fair value through <br> profit or loss |  |  |  |  |  |  |
| Available-for-sale financial assets | $\$ 35,227,572$ | $\$ 33,509,311$ | $\$ 35,227,572$ | $\$ 33,509,311$ | $\$ 1,718,261$ |  |

f. Offsetting financial assets and financial liabilities

The Bank has 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:

| December 31, 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 <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 purchased under resell agreements | \$ 18,829,142 | \$ | \$ 18,829,142 | \$ 18,829,142 | \$ - | \$ - |
| Derivative financial instruments | 16,405,402 |  | 16,405,402 | 5,634,398 | 1,327,598 | 9,443,406 |
| Total | \$ 35,234,544 | \$ - | \$ 35,234,544 | \$ 24,463,540 | \$ 1,327,598 | \$ 9,443,406 |



| December 31, 2016 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 | \$ 795,850 | \$ | \$ 795,850 | \$ 795,850 | \$ | \$ - |
| Derivative financial 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 |  |  |  |  |  |  |  |
| Financial <br> Liabilities | Recognized Financial Liabilities Gross Amount <br> (a) | Netted Financial Assets Recognized on the Balance Sheet - Gross Amount (b) | Recognized Financial Liabilities - Net Amount (c) $=(\mathbf{a})-(\mathrm{b})$ | Related Amount Not Netted on the Balance Sheet (d) |  |  | Net Amount$(\mathbf{e})=(\mathbf{c})-(\mathbf{d})$ |
|  |  |  |  | Financial Instruments (Note) |  | h Collateral Pledged |  |
| Notes and bonds <br> issued under <br> repurchase <br> agreements <br> Derat | \$ 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 |

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

## 44. 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 with the "Regulations Governing the Capital Adequacy and Capital Category of Banks"
c. Capital adequacy ratio
(In Thousands of New Taiwan Dollars, \%)

| Items |  | Year | $\begin{gathered} \text { December 31, } \\ 2017 \end{gathered}$ | $\begin{gathered} \hline \text { December 31, } \\ 2016 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: |
| Eligible capital | Common equity Tier 1 capital |  | \$ 56,977,566 | \$ 53,944,546 |
|  | Additional Tier 1 capital |  | - | - |
|  | Tier 2 capital |  | 742,210 | 41,708 |
|  | Eligible capital |  | 57,719,776 | 53,986,254 |
| Risk-weighted assets | Credit risk | Standardized approach | 343,689,959 | 335,603,806 |
|  |  | Internal rating-based approach | - | - |
|  |  | Securitization | - | - |
|  | Operational risk | Basic indicator approach | 18,011,674 | 17,971,561 |
|  |  | Standardized approach/ <br> alternative standardized <br> approach | - | - |
|  |  | Advanced measurement approach | - | - |
|  | Market risk | Standardized approach | 45,449,650 | 54,614,500 |
|  |  | Internal model approach | - | - |
|  | Total risk-weighted assets |  | 407,151,283 | 408,189,867 |
| Capital adequacy ratio |  |  | 14.18\% | 13.23\% |
| Ratio of common equity to risk-weighted assets |  |  | 13.99\% | 13.22\% |
| Ratio of Tier 1 capital to risk-weighted assets |  |  | 13.99\% | 13.22\% |
| Leverage ratio |  |  | 8.94\% | 8.85\% |

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 $\div$ Total risk-weighted assets.
4) Ratio of common equity capital to risk-weighted assets $=$ Common equity $\div$ Total risk-weighted assets.
5) Ratio of Tier 1 capital to risk-weighted assets $=($ Common equity capital + Additional Tier 1 capital) $\div$ Total risk-weighted assets.
6) Leverage ratio $=$ Tier 1 capital $\div$ Exposure measurement.

## 45. 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:
Balance Sheets of Trust Accounts
(In Thousands of New Taiwan Dollars)

| Trust Assets | December 31 |  |  |  | Trust Liabilities and Equity | December 31 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2017 |  | 2016 |  |  | 2017 |  | 2016 |
| Bank deposits | \$ | 371,243 | \$ | 310,897 | Payables | \$ | 152,685 | \$ | 153,951 |
| Short-term investment |  | 29,283,250 |  | 30,860,207 | Account payable on securities |  |  |  |  |
| Financial assets at FVTPL |  | 241,655 |  | 2,660,355 | under custody |  | 2,571,397 |  | 1,909,451 |
| Receivables |  | 193 |  | 26,191 | Other liabilities |  | 5,730 |  | 30,906 |
| Financial assets measured at cost |  | 7,650 |  | 687,150 | Donations <br> Trust capital |  | $\begin{array}{r} 1,811 \\ 30,555,629 \end{array}$ |  | 34,693,769 |
| Real estate, net |  | 534,259 |  | 417,202 | Accumulated earnings |  | 707,034 |  | 1,067,910 |
| Intangible assets - surface rights |  | 984,534 |  | 984,534 |  |  |  |  |  |
| Securities under custody |  | 2,571,397 |  | 1,909,451 |  |  |  |  |  |
| Other assets |  | 105 |  | - |  |  |  |  |  |
| Total | \$ | 33,994,286 | \$ | 37,855,987 | Total | \$ | 33,994,286 | \$ | 37,855,987 |

## Income Statements of Trust Accounts

(In Thousands of New Taiwan Dollars)

|  | For the Years Ended December 31 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2017 |  | 2016 |  |
| Trust income and gains |  |  |  |  |
| Dividend income | \$ | 96,752 | \$ | 86,041 |
| Interest income |  | 1,347,506 |  | 1,385,573 |
| Rental income |  | 29,583 |  | 30,624 |
| Gain on financial assets at FVTPL, net |  | 30,536 |  | 480,409 |
| Others income |  | 9,653 |  | 23,470 |
| Total trust income and gains |  | 1,514,030 |  | 2,006,117 |
| Trust expenses |  |  |  |  |
| Property transaction losses |  | $(717,270)$ |  | $(1,461,127)$ |
| Administrative expenses |  | $(40,561)$ |  | $(24,329)$ |
| Interest expenses |  | - |  | $(39,754)$ |
| Service fee |  | (79) |  | (712) |
| Other expenses |  | $(11,854)$ |  | $(29,591)$ |
| Total trust expenses |  | $(769,764)$ |  | $(1,555,513)$ |
| Net income | \$ | 744,266 |  | 450,604 |

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

## Trust Property Accounts

(In Thousands of New Taiwan Dollars)

|  | December 31 |  |  |
| :--- | ---: | ---: | ---: |
| Investment Portfolio | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 6}$ |  |
| Bank deposits | $\$$ | 371,243 | $\$$ |
| Short-term investments |  | 310,897 |  |
| Funds | $27,956,024$ | $29,104,043$ |  |
| Bonds | $1,013,666$ | $1,468,806$ |  |
| Common shares | 75,900 | 7,300 |  |
| Structured notes | 93,766 | 93,766 |  |
| ETF | 143,894 | 115,292 |  |
| Financial assets at FVTPL | 241,655 | $2,660,355$ |  |
| Financial assets measured at cost | 7,650 | 687,150 |  |
| Real estate, net | 534,259 | 417,202 |  |
| Intangible assets - surface rights | 984,534 | 984,534 |  |
| Securities under custody | $2,571,397$ | $1,909,451$ |  |
| Other assets | 298 | 26,191 |  |
|  |  |  |  |
| Total | $\underline{33,994,286}$ | $\underline{\$ 37,855,987}$ |  |
|  |  |  |  |
| 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 39 to the consolidated financial statements.

## 47. PROFITABILITY

$\left.$| Items |  | December 31, |
| :--- | :--- | ---: | :---: |
| $\mathbf{2 0 1 7}$ |  |  | | December 31, |
| :---: |
| $\mathbf{2 0 1 6}$ | \right\rvert\,

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

Note 2: Return on net worth $=$ Income before (after) income tax $\div$ Average net worth.
Note 3: Profit margin = Income after income tax $\div$ 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.

## 48. 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 8,42 and 43 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).

## 49. SEGMENT INFORMATION

Information reported to the chief operating decision maker for the purpose of resource allocation and assessment of segment performance focuses on the types of goods or services delivered or provided. 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.
a. Segment revenues and results

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

|  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  | Retail Banking <br> Segment | Corporate <br> Banking <br> Segment | Global <br> Markets <br> Segment | Others |  |
| For the year ended <br> December 31, 2017 |  |  |  |  |  |

b. Geographical information

The revenue of the Bank and subsidiaries from external customers by location of operations are detailed below.

|  | For the Years Ended December 31 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2017 |  |  | 2016 |
| Taiwan | \$ | 11,462,487 | \$ | 10,737,430 |
| Other |  | 30,550 |  | 51,693 |
|  |  | 11,493,037 |  | 10,789,123 |

c. Information about major customers

No single customer contributed $10 \%$ or more revenue to the Bank and subsidiaries

## KGI BANK AND SUBSIDIARIES

COLLATERALS/GUARANTEE PROVIDED FOR THE YEAR ENDED DECEMBER 31, 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 | \$ 4,621,075 | \$ 2,591,005 | \$ 1,480,527 | \$ 477,568 | \$ - | 160.19\% | $\begin{array}{r} \$ 4,621,075 \\ (\text { Note } 2) \end{array}$ | 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
DECEMBER 31, 2017
(In Thousands of New Taiwan Dollars)

| Holding Company | Marketable Security Type and Issuer | Relationship with the Holding Company | Financial Statement Account | December 31, 2017 |  |  |  | Note |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Shares/Face Value/Units | Carrying Value | Percentage of Ownership \% | Market Value or Net Asset Value (Note 2) |  |
| CDIB Management Consulting Corporation | Stock CDC Finance \& Leasing Corporation CDIB International Leasing Corporation | Subsidiary <br> Subsidiary | Investments accounted for using the equity method Investments accounted for using the equity method | 58,328,460 | $\begin{array}{r} \$ 621,085 \\ 189,033 \end{array}$ | $\begin{array}{r} 76.04 \\ 100.00 \end{array}$ | $\begin{array}{r} \$ 621,085 \\ 189,033 \end{array}$ |  |
| CDC Finance \& Leasing Corporation | Stock <br> Hwahong Corporation | Associate | Investments accounted for using the equity method | 23,750 | 476 | 19.00 | 476 |  |

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

## DECEMBER 31, 2017

(In Thousands of New Taiwan Dollars)

| Investee Company | Location | Main Business | Balance as of December 31, 2017 |  |  | Consolidated Investment (Note 1) |  |  |  | Note |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Percentage of Ownership $\%$ | Carrying Value | Investment Gain (Loss) | Present Shares | Virtual Shares <br> (Note 2) | Shares | Percentage of Ownership \% |  |
| 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 | 19,296,975 | - | 19,296,975 | 6.12 |  |
| Financial Information Service Co., Ltd. | Taiwan | Telecommunication service; information system service | 1.23 | 49,120 | 16,667 | 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 | 100 | 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 | 850,226 | $(231,321)$ | 153,171,873 | - | 153,171,873 | 100.00 |  |
| Euroc II Venture Capital Corp. | Taiwan | Venture capital corporation | 7.50 | 8,759 | - | 2,244,000 | - | 2,244,000 | 7.50 |  |
| Euroc III Venture Capital Corp. | Taiwan | Venture capital corporation | 5.00 | 4,283 | - | 990,000 | - | 990,000 | 5.00 |  |
| Nonfinancial industry-related |  |  |  |  |  |  |  |  |  |  |
| 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 | 125,000 | - | 125,000 | 5.00 |  |
| CDIB \& Partners Investment Holding Corp. | Taiwan | General investment corporation | 4.95 | 888,387 | 23,859 | 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
DECEMBER 31, 2017
(In Thousands of New Taiwan Dollars, Unless Stated Otherwise)

| Investee Company Name | Main Businesses and Products | Total Paid-in Capital | InvestmentType | Accumulated Outflow of Investment from Taiwan as of January 1, 2017 | Investment Flows |  | Accumulated <br> Outflow of <br> Investment <br> from Taiwan as <br> of <br> December 31, <br> 2017 | Net Loss of the investee | \% Ownership of Direct or Indirect Investment | Investment Loss (Note 2) | Carrying Value as of December 31, 2017 | Accumulated Inward Remittance of Earnings as of December 31, 2017 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Outflow | Inflow |  |  |  |  |  |  |
| CDIB International Leasing Corporation | Financial leasing and management business consulting | RMB 187,750 thousand | Note 1 (a) | $\begin{gathered} \text { US } \$ \begin{array}{r} 30,000 \\ \text { thousand } \end{array} \end{gathered}$ | \$ | \$ | $\text { US\$ } \begin{gathered} 30,000 \\ \text { thousand } \end{gathered}$ | \$ $(229,924)$ | 100 | \$ (229,924) | \$ 189,033 | \$ |


| Accumulated Investment in <br> Mainland China as of December <br> 31, 2017 | Investment Amount Authorized by <br> the Investment Commission, <br> MOEA | Limit on Investment |
| :---: | :---: | :---: |
| $\$ 895,440$ (US $\$ 30,000$ thousand) | US $\$ 30,000$ thousand | $\$ 510,136$ |

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 YEAR ENDED DECEMBER 31, 2017
(In Thousands of New Taiwan Dollars)

|  | Trader Company | Related Party | Flow of Transactions (Note 2) | Content of Transaction (Note 5) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} \text { No. } \\ \text { (Note 1) } \end{gathered}$ |  |  |  | Financial Statement Accounts | Amounts | Trading Terms | Transaction Amount/Total Consolidated Revenue or Total <br> Consolidated <br> Assets (Note 3) |
| 0 | KGI Bank | CDC Finance \& Leasing Corporation | 1 | Deposit and remittances | \$ 21,061 | Note 4 | - |
| 1 | CDC Finance \& Leasing Corporation | KGI Bank | 2 | Cash and cash equivalents | 21,061 | 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.
 profit.

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

