Cathay United Bank and Subsidiaries Consolidated Financial Statements For the six-month periods ended 30 June 2017 and 2016 With Independent Auditors' Report

The reader is advised that these consolidated financial statements have been prepared originally in Chinese. These consolidated financial statements do not include additional disclosure information that is required for Chinese-language reports under the "Regulations Governing the Preparation of Financial Reports by Public Banks" and IAS 34 "Interim Financial Reporting" as endorsed and became effective by Financial Supervisory Commission. If there is any conflict between these consolidated financial statements and the Chinese version or any difference in the interpretation of the two versions, the Chinese language consolidated financial statements shall prevail.

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# **Independent Auditors' Report**

English Translation of a Report Originally Issued in Chinese

The Board of Directors and Shareholders Cathay United Bank

#### **Opinion**

We have audited the accompanying consolidated balance sheets of Cathay United Bank ("the Bank") and its subsidiaries as of 30 June 2017, 31 December 2016 and 30 June 2016, and the related consolidated statements of comprehensive income for the three-month and six-month periods ended 30 June 2017 and 2016, the consolidated statements of changes in equity and cash flows for the six-month periods ended 30 June 2017 and 2016, and notes to the consolidated financial statements, including the summary of significant accounting policies (together "the consolidated financial statements").

In our opinion, based on our audits, the consolidated financial statements referred to above present fairly, in all material respects, the consolidated financial position of the Bank and its subsidiaries as of 30 June 2017, 31 December 2016 and 30 June 2016, and their consolidated financial performance for the three-month and six-month periods ended 30 June 2017 and 2016, and the consolidated cash flows for the six-month periods ended 30 June 2017 and 2016 in conformity with the requirements of the "Regulations Governing the Preparation of Financial Reports by Public Banks", the "Regulations Governing the Preparation of Financial Reports by Securities Firms", and IAS 34 "Interim Financial Reporting" as endorsed by Financial Supervisory Commission of the Republic of China ("FSC").

#### **Basis for Opinion**

We conducted our audits in accordance with the "Rules Governing Auditing and Certification 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 (the "Norm"), and we have fulfilled our other ethical responsibilities in accordance with the Norm. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

#### **Key Audit Matters**

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the consolidated financial statements for the six-month period ended 30 June 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.



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#### **Key Audit Matters (continued)**

#### The Provision of Allowance for Loans

In accordance with IAS 39 "Financial Instruments: Recognition and Measurement", the Bank and its subsidiaries developed their own systems to perform both individual and collective assessments of impairment loss on loans and receivables. The systems assess the amount of an impairment loss based on parameters from historical experience or future cash flows on a case-by-case basis. The estimates of discount factors, including effective interest rate, incidence of impairment and recoverable rate, and the classification to assess whether there is any objective evidence that loan is impaired, require professional judgment and uses of estimates and assumptions. Consequently, we regard this as key audit matters.

Our audit procedures included (but not limited to) assessing and testing the effectiveness of internal controls relating to the underlying data and systems with respect to impairment calculation. For loan loss provisions calculated on an individual basis, we tested the assumptions which were used to identify and quantify the impairments on a sampling basis, including estimates of future cash flows, valuation of guarantee and estimates of recovery on default. For loan loss provisions calculated on a collective basis, we reviewed whether the models of impairment were approved by management and relied on our specialists to verify the effectiveness of those models. We also tested the appropriateness and accuracy of the inputs used in those models on a sampling basis, such as recovery rates and historical loss rates. We reviewed the classification of loans and the provision of allowance for loans comply to ensure that management of the Bank and its subsidiaries complied with the "Regulations Governing the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing/Non-accrual Loans" of the ROC.

Please refer to Note 4, 5.(2) and 6.(5) for information about the Bank and its subsidiaries' the provision of allowance for loans.

# Valuation of financial instruments - financial instrument investments for which no active market exists

The Bank and its subsidiaries determines the fair value of financial instrument investments for which no active market exists by applying valuation techniques. The Bank and its subsidiaries involve internal valuation model to determine the fair value for partial of the financial instruments. The underlying assumptions of the valuation model will significantly impact the fair value of the reported financial instruments. Thus we concluded that the valuation of financial instruments—financial instrument investments for which no active market exists is a key audit matter of our audit.



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#### **Key Audit Matters (continued)**

<u>Valuation of financial instruments - financial instrument investments for which no active market exists</u> (continued)

Our audit procedures included (but not limited to) assessing and testing the effectiveness of internal controls related to financial instruments valuation, including managements' decision and approval of the valuation model and related assumptions, the controls related to the valuation model and change of assumptions, and management's valuation review process. We used internal valuation specialists on a sampling basis to assist in reviewing the valuation techniques, understanding and assessing the rationality of key valuation assumptions, performing independent valuation calculation, and determining whether the valuation differences are acceptable.

Please refer to Notes 4, 5.(2) and 12 for information about the Bank and its subsidiaries' financial instruments valuation.

# 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 requirements of the "Regulations Governing the Preparation of Financial Reports by Public Banks", the "Regulations Governing the Preparation of Financial Reports by Securities Issuers", the "Regulations Governing the Preparation of Financial Reports by Securities Firms" and IAS 34 "Interim Financial Reporting" as endorsed by FSC 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 to continue as a going concern of the Bank and its subsidiaries, 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 or supervisors, are responsible for overseeing the financial reporting process of the Bank and its subsidiaries.



#### English Translation of a Report Originally Issued in Chinese

#### Auditor's 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 auditor's 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 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 consolidated financial statements.

As part of an audit in accordance with auditing standards generally accepted in the Republic of China, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- 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 to continue as a going concern of the Bank and its subsidiaries. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's 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 auditor's 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 accompanying notes, and whether the consolidated financial statements represent the underlying transactions and events in a manner that achieves fair presentation.



# English Translation of a Report Originally Issued in Chinese

#### Auditor's Responsibilities for the Audit of the Consolidated Financial Statements (continued)

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 group audit. We remain solely responsible for our audit opinion.

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

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

From the matters communicated with those charged with governance, we determine those matters that were of most significance in the audit of the consolidated financial statements for the six-month period ended 30 June 2017 and are therefore the key audit matters. We describe these matters in our auditor's 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.

We have audited and expressed an unqualified opinion on the parent company only financial statements of the Bank as of and for the six-month periods ended 30 June 2017 and 2016.

Comt 2 Joj Ernst & Young

Taipei, Taiwan

The Republic of China

17 August 2017

#### Notice to Readers

The accompanying consolidated financial statements are intended only to present the financial position and results of operations 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.

# Cathay United Bank and Subsidiaries Consolidated balance sheets 30 June 2017, 31 December 2016, 30 June 2016

(Expressed in thousands of New Taiwan Dollars)

Assets	Notes	2017.06.30	2016.12.31	2016.06.30
Cash and cash equivalents	4, 6, 7	\$54,953,462	\$63,284,400	\$67,085,064
Due from the Central Bank and call loans to banks	6, 7	131,991,151	71,940,935	81,400,184
Financial assets at fair value through profit or loss	4, 5, 6	216,916,461	199,317,591	265,969,259
Securities purchased under agreements to resell	4, 6	68,697,822	38,139,919	38,812,586
Receivables - net	4, 5, 6, 7	84,463,580	80,268,406	74,032,665
Discounts and loans - net	4, 5, 6, 7	1,417,573,074	1,437,530,908	1,275,703,903
Available-for-sale financial assets - net	4, 5, 6	148,845,899	156,153,959	103,872,380
Held-to-maturity financial assets - net	4, 5, 6	42,833,870	47,938,864	44,096,251
Investments accounted for using the equity method - net	4, 6	1,774,841	1,708,349	1,731,608
Other financial assets - net	4, 5	5,465	3,373	6,669
Investments in debt securities with no active market - net	4, 5, 6	397,290,140	397,475,008	436,880,530
Property and equipment - net	4, 6, 7	24,707,743	24,898,412	25,006,546
Investment properties - net	4, 5, 6	1,516,730	1,554,600	1,613,159
Intangible assets - net	4, 5, 6	7,807,527	7,821,006	7,795,663
Deferred tax assets	4, 5	2,022,205	1,410,010	2,042,557
Other assets - net	4, 6, 7	24,735,603	37,222,811	32,902,481
Total assets		\$2,626,135,573	\$2,566,668,551	\$2,458,951,505

# Cathay United Bank and Subsidiaries

Consolidated balance sheets (continued)

30 June 2017, 31 December 2016, 30 June 2016

(Expressed in thousands of New Taiwan Dollars)

Liabilities and equity	Notes	2017.06.30	2016.12.31	2016.06.30
Liabilities				
Due to the Central Bank and call loans from banks	6, 7	\$75,187,547	\$77,493,795	\$70,592,764
Financial liabilities at fair value through profit or loss	4, 5, 6	80,021,298	88,136,984	88,665,205
Securities sold under agreements to repurchase	4, 6	71,301,969	56,752,751	42,186,204
Payables	6, 7	34,382,418	24,001,845	26,371,227
Current tax liabilities	4, 5	32,816	294,602	267,203
Deposits and remittances	6, 7	2,053,747,275	2,032,599,788	1,941,807,025
Financial debentures payable	4, 6	63,350,000	51,900,000	51,900,000
Other financial liabilities	6	59,837,717	61,566,809	65,432,880
Provisions	4, 5, 6	2,990,358	3,053,964	3,060,877
Deferred tax liabilities	4, 5	1,876,554	1,611,210	2,634,694
Other liabilities	6, 7	9,148,592	9,288,867	9,651,663
Total liabilities		2,451,876,544	2,406,700,615	2,302,569,742
Equity				
Equity attribute to equity holders of parent				
Capital stock	6			
Common stock		78,604,060	72,099,815	69,479,605
Reserves for Capital increase		-	-	2,620,210
Capital surplus	6	33,610,983	23,969,412	23,969,412
Retained earnings	6			
Legal reserves		45,823,601	40,659,384	40,659,384
Special reserves		1,977,363	1,892,668	1,892,668
Undistributed earnings		10,498,130	17,211,700	9,304,724
Other equity	6	(241,677)	257,800	4,740,125
Subtotal		170,272,460	156,090,779	152,666,128
Non-controlling interests	6	3,986,569	3,877,157	3,715,635
Total equity		174,259,029	159,967,936	156,381,763
Total liabilities and equity		\$2,626,135,573	\$2,566,668,551	\$2,458,951,505

#### $\underline{\textbf{English Translation of Financial Statements Originally Issued in Chinese}}$

#### Cathay United Bank and Subsidiaries

Consolidated statements of comprehensive income

For the three-month and six-month periods ended 30 June 2017 and 2016

(Expressed in thousands of New Taiwan Dollars, except earnings per share)

		2017.04.01-	2016.04.01-	2017.01.01-	2016.01.01-
Items	Notes	2017.06.30	2016.06.30	2017.06.30	2016.06.30
Interest income	4, 6, 7	\$11,395,581	\$9,811,486	\$22,300,379	\$19,821,458
Interest expense	6, 7	(3,987,848)	(3,690,942)	(7,859,902)	(7,490,911)
Net interest income		7,407,733	6,120,544	14,440,477	12,330,547
Non-interest income					
Net fee income	4, 6, 7	3,569,007	3,679,932	7,418,900	7,982,287
Gains on financial assets and liabilities at fair value through profit or loss	6, 7	1,520,532	961,515	2,615,832	1,888,862
Realized gains on available-for-sale financial assets		821,341	641,499	1,063,518	1,762,598
Realized gains (losses) on held-to-maturity financial asset		69	(2,796)	(2)	52,320
Gains on foreign currency exchange	4	429,502	262,277	534,577	386,423
Losses on impairment of assets	12	(5,393)	-	(5,393)	-
Share of profit of associates and joint ventures accounted for using the equity method		26,727	25,335	51,989	51,360
Net other non-interest income	4, 6	255,258	198,502	537,609	759,174
Total net non-interest income		6,617,043	5,766,264	12,217,030	12,883,024
Net operating income		14,024,776	11,886,808	26,657,507	25,213,571
Bad debt expense and losses on guarantees		(937,105)	(1,212,617)	(1,307,532)	(1,932,908)
Operating expenses					
Employee benefits expenses	4, 5, 6	(3,177,296)	(2,999,587)	(6,307,071)	(5,935,873)
Depreciation and amortization expenses	6	(302,416)	(300,131)	(605,219)	(596,839)
Other general and administrative expenses	4, 6, 7	(3,047,347)	(3,191,388)	(6,164,598)	(6,124,172)
Total operating expenses		(6,527,059)	(6,491,106)	(13,076,888)	(12,656,884)
Profit before income tax from continuing operations		6,560,612	4,183,085	12,273,087	10,623,779
Income tax expense	4, 6	(848,087)	(380,537)	(1,552,143)	(1,176,443)
Net income		5,712,525	3,802,548	10,720,944	9,447,336
Other comprehensive income					
Not to be reclassified to profit or loss in subsequent periods					
Changes of designated financial liabilities at fair value					
through profit or loss resulting from credit risk	6	(1,020,305)	(49,127)	(1,265,243)	899,447
Income tax relating to the components not					
to be reclassified to profit or loss in subsequent periods	6	173,452	8,352	215,091	(152,906)
To be reclassified to profit or loss in subsequent periods  Exchange differences resulting from translating the financial statements of a foreign operation					
Unrealized gains on available-for-sale financial assets	6	315,954	138,434	(1,520,550)	(618,216)
	6	559,973	701,419	1,737,596	312,225
Share of other comprehensive income of associates and joint ventures accounted for using the equity method	6	10,057	11,158	16,011	34,272
Income tax relating to the components to be reclassified to profit or loss in subsequent periods	6	(34,714)	(39,422)	204,216	209,609
Other comprehensive income, net of tax		4,417	770,814	(612,879)	684,431
Total comprehensive income		\$5,716,942	\$4,573,362	\$10,108,065	\$10,131,767
Net income attributable to:					
Owners of the parent		\$5,607,736	\$3,715,601	10,498,130	\$9,304,724
Non-controlling interests		104,789	86,947	222,814	142,612
		\$5,712,525	\$3,802,548	\$10,720,944	\$9,447,336
Total comprehensive income attributable to:					
Owners of the parent		\$5,534,810	\$4,490,435	\$9,998,653	\$10,080,174
Non-controlling interests		182,132	82,927	109,412	51,593
		\$5,716,942	\$4,573,362	\$10,108,065	\$10,131,767
Earnings per share (In dollars)					
Net income from continuing operations	6	\$0.75	\$0.51	\$1.42	\$1.27

#### Cathay United Bank and Subsidiaries

#### Consolidated statements of changes in equity

#### For the six-month periods ended 30 June 2017 and 2016

(Expressed in thousands of New Taiwan Dollars)

	Equity attributable to owners of the parent													
				Retained earnings				Equity ad	ljustment					
<u>I</u> tems	Capital stock	Capital surplus	Legal reserves	Special reserves	Undistributed earnings	Exchange differences resulting from translating the financial statements of a foreign operation	Unrealized gains on available- for-sale financial assets	Changes of designated financial liabilities at fair value through profit or loss resulting from credit risk	Remeasurements of defined benefit plans	Revaluation surplus	Others	Total	Non-controlling interests	Total Equity
Balance, 1 January 2016	\$69,479,605	\$23,969,412	\$35,073,510	\$1,914,537	\$18,606,155	\$1,608,041	\$3,052,854	\$83,463	\$(1,002,133)	\$223,467	\$(1,017)	\$153,007,894	\$3,760,901	\$156,768,795
Appropriation and distribution for 2015														
Legal reserves	-	-	5,585,874	-	(5,585,874)	-	-	-	-	-	-	-	-	-
Cash dividends	-	-	-	-	(10,421,940)	-	-	-	-	-	-	(10,421,940)	-	(10,421,940)
Stock dividends	2,620,210	-	-	-	(2,620,210)	-	-	-	-	-	-	-	-	-
Reversal of special reserves	-	-	-	(21,869)	21,869	-	-	-	-	-	-	-	-	-
Net income for the six-month period ended 30 June 2016	-	-	-	-	9,304,724	-	-	-	-	-	-	9,304,724	142,612	9,447,336
Other comprehensive income for the six-month period ended 30 June 2016				_	-	(437,730)	466,639	746,541		-		775,450	(91,019)	684,431
Total comprehensive income for the six-month period ended 30 June 2016		-	-		9,304,724	(437,730)	466,639	746,541		-	-	10,080,174	51,593	10,131,767
Changes in non-controlling interests					-					<u>-</u>	<u> </u>		(96,859)	(96,859)
Balance, 30 June 2016	\$72,099,815	\$23,969,412	\$40,659,384	\$1,892,668	\$9,304,724	\$1,170,311	\$3,519,493	\$830,004	\$(1,002,133)	\$223,467	\$(1,017)	\$152,666,128	\$3,715,635	\$156,381,763
Balance, I January 2017	\$72,099,815	\$23,969,412	\$40,659,384	\$1,892,668	\$17,211,700	\$524,198	\$468,952	\$120,322	\$(1,079,139)	\$223,467	\$-	\$156,090,779	\$3,877,157	\$159,967,936
Appropriation and distribution for 2016														
Legal reserves	-	-	5,164,217	-	(5,164,217)	-	-	-	-	-	-	-	-	-
Special reserves	-	-	-	86,060	(86,060)	-	-	-	-	-	-	-	-	-
Cash dividends	-	-	-	-	(10,814,972)	-	-	-	-	-	-	(10,814,972)	-	(10,814,972)
Stock dividends	1,147,816	-	-	-	(1,147,816)	-	-	-	-	-	-	-	-	-
Reversal of special reserves	-	-	-	(1,365)	1,365	-	-	-	-	-	-	-	-	-
Net income for the six-month period ended 30 June 2017	-	-	-	-	10,498,130	-	-	-	-	-	-	10,498,130	222,814	10,720,944
Other comprehensive income for the six-month period ended 30 June 2017					-	(1,077,860)	1,628,535	(1,050,152)			-	(499,477)	(113,402)	(612,879)
Total comprehensive income for the six-month period ended 30 June 2017					10,498,130	(1,077,860)	1,628,535	(1,050,152)			<u> </u>	9,998,653	109,412	10,108,065
Issuance of common stock for cash	5,356,429	9,641,571	=									14,998,000		14,998,000
Balance, 30 June 2017	\$78,604,060	\$33,610,983	\$45,823,601	\$1,977,363	\$10,498,130	\$(553,662)	\$2,097,487	\$(929,830)	\$(1,079,139)	\$223,467	<b>\$</b> -	\$170,272,460	\$3,986,569	\$174,259,029

# English Translation of Financial Statements Originally Issued in Chinese Cathay United Bank and Subsidiaries

# Consolidated statements of cash flows

#### For the six-month periods ended 30 June 2017 and 2016 $\,$ (Expressed in thousands of New Taiwan Dollars)

Items	2017.01.01- 2017.06.30	2016.01.01- 2016.06.30
Cash flows from operating activities		
Profit before income tax from continuing operations	\$12,273,087	\$10,623,779
Adjustment items:		
Income and expense adjustments	477 020	490 642
Depreciation expenses Amortization expenses	477,828 127,391	489,642 107,197
Bad debt expenses	1,307,532	1,932,908
Interest expense	7,859,902	7,490,911
Interest income	(22,300,379)	(19,821,458)
Dividends income	(131,359)	(158,010)
Share of profit of associates and joint ventures accounted for using the equity method	(51,989)	(51,360)
Losses on disposal of property and equipment	13,233	728
Losses on impairment of financial assets	5,393	-
Losses on valuation of investment properties	37,870	22,090
Foreign currency translation adjustment	(87,308)	24,565
Change in operating assets and liabilities		
Increase in due from the Central Bank and call loans to banks	(250,505)	(671,737)
Increase in financial assets at fair value through profit or loss	(17,779,798)	(11,057,996)
(Increase) decrease in receivables	(3,430,397)	7,341,773
(Increase) decrease in discounts and loans	16,747,226	(149,864,284)
Decrease in available-for-sale financial assets	8,846,001	30,363,257
Decrease in held-to-maturity financial assets	4,814,142	8,390,183
Increase in other financial assets	(2,092)	(5,319)
Decrease in investments in debt securities with no active market	184,868	5,883,608
Decrease in other assets	3,242,711	374,578
Increase (decrease) in due to the Central Bank and call loans from banks  Decrease in financial liabilities at fair value through profit or loss	(1,389,633) (9,376,530)	29,493,336 (10,833,219)
Increase (decrease) in securities sold under agreements to repurchase	14,549,218	(11,851,673)
Decrease in payables	(748,653)	(1,715,321)
Increase in deposits and remittances	23,341,295	60,904,175
Decrease in other financial liabilities	(1,729,092)	(1,794,226)
Decrease in provisions	(63,606)	(138,153)
Increase (decrease) in other liabilities	(416,987)	304,351
Cash provided by (used in) operations	36,069,369	(44,215,675)
Interest received	21,481,771	20,472,319
Cash dividends received	124,366	158,010
Interest paid	(7,972,625)	(7,735,502)
Income tax paid	(1,291,676)	(1,260,972)
Net cash provided by (used in) operating activities	48,411,205	(32,581,820)
Cash flows from investing activities		
Acquisition of property and equipment	(372,779)	(504,920)
Disposal of property and equipment	2,339	1,319
Acquisition of intangible assets	(106,034)	(160,047)
Decrease in other assets	9,195,002	9,799,268
Cash dividends received	1,507	1,107
Net cash provided by investing activities	8,720,035	9,136,727
Cash flows from financing activities	11 450 000	
Increase in bank debentures payable Increase in other liabilities	11,450,000	2 575 211
Issuance of common stock for cash	310,910	2,575,311
Net cash provided by financing activities	14,998,000 26,758,910	2,575,311
Effects of foreign exchange rate changes	(1,736,938)	(648,958)
Net increase (decrease) in cash and cash equivalents	82,153,212	(21,518,740)
Cash and cash equivalents at the beginning of the period	119,948,410	157,258,573
Cash and cash equivalents at the end of the period	\$202,101,622	\$135,739,833
The components of cash and cash equivalents		, ,.
Cash and cash equivalents in consolidated balance sheets	\$54,953,462	\$67,085,064
Due from the Central Bank and call loans to banks satisfied	, 0, . 0 =	, ,
the definition of cash and cash equivalents under IAS 7	78,450,338	29,842,183
Securities purchased under agreements to resell satisfied	,	- ,,
the definition of cash and cash equivalents under IAS 7	68,697,822	38,812,586
Cash and cash equivalents at the end of the periods	\$202,101,622	\$135,739,833
1		

Cathay United Bank and Subsidiaries

Notes to consolidated financial statements

For the six-month periods ended 30 June 2017 and 2016

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

#### 1. Business

Cathay United Bank ("the Bank"), originally named United World Chinese Commercial Bank ("UWCCB"), was enfranchised by the government of the Republic of China ("ROC") in January 1975. The Bank started its operations on 20 May 1975 and is engaged in the following operations: (1) all commercial banking operations authorized by the ROC Banking Act ("Banking Act"); (2) international banking business and related operations; (3) trust business; (4) off-shore banking business; and (5) other financial operations related to the promotion of investments by overseas Chinese. The Bank's registered office and the main business location is at No.7, Songren Rd., Xinyi District, Taipei City, Republic of China (R.O.C.).

The Bank's stock was traded on the Taiwan Stock Exchange (the "TWSE") until 18 December 2002. On 18 December 2002, the Bank became a wholly-owned subsidiary of Cathay Financial Holding Co., Ltd. ("Cathay Financial Holdings") through a conversion transaction and delisted from TWSE. Under the Financial Institutions Merger Act, the Bank engaged in a merger with the former Cathay United Bank, a wholly-owned subsidiary of Cathay Financial Holdings. The record date for such merger was 27 October 2003 and UWCCB survived and was renamed Cathay United Bank.

The Bank merged with Lucky Bank on 1 January 2007. The Bank was the surviving entity after this merger and Lucky Bank was the extinguished entity. In addition, the Bank acquired specific assets, liabilities, and business of China United Trust & Investment Corporation ("CUTIC") on 29 December 2007.

Cathay Financial Holding Co., Ltd. is the Bank's parent company and ultimate parent company.

# 2. Date and procedures of authorization of financial statements for issue

The consolidated financial statements of the Bank and subsidiaries ("the Group") were authorized for issue in accordance with the Board of Directors' resolution on 17 August 2017.

#### 3. Newly issued or revised standards and interpretations

(1) Changes in accounting policies resulting from applying for the first time certain standards and amendments

The Group applied for the first time International Financial Reporting Standards, International Accounting Standards, and Interpretations issued, revised or amended which are endorsed by Financial Supervisory Commission ("FSC") and become effective for annual periods beginning on or after 1 January 2017. The nature and the impact of each new standard and amendment that has a material effect on the Group is described below:

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

#### IAS 36 "Impairment of Assets" (Amendment)

This amendments relate to the amendments issued in May 2011 and require entities to disclose the recoverable amount of an asset (including goodwill) or a cash-generating unit when an impairment loss has been recognized or reversed during the period. The amendments also require detailed disclosure of how the fair value less costs of disposal has been measured when an impairment loss has been recognized or reversed, including valuation techniques used, level of fair value hierarchy of assets and key assumptions used in measurement.

(2) Standards or interpretations issued, revised or amended, which are endorsed by FSC, but not yet adopted by the Group at the date of issuance of the Group's financial statements are listed below:

#### A. IFRS 15 "Revenue from Contracts with Customers"

The core principle of the new Standard is for companies to recognize revenue to depict the transfer of promised goods or services to customers in amounts that reflect the consideration to which the company expects to be entitled in exchange for those goods or services. An entity recognizes revenue in accordance with that core principle by applying the following steps:

- Step 1: Identify the contract(s) with a customer
- Step 2: Identify the performance obligations in the contract
- Step 3: Determine the transaction price
- Step 4: Allocate the transaction price to the performance obligations in the contract
- Step 5: Recognize revenue when (or as) the entity satisfies a performance obligation

The new Standard includes a cohesive set of disclosure requirements that would result in an entity providing users of financial statements with comprehensive information about the nature, amount, timing and uncertainty of revenue and cash flows arising from the entity's contracts with customers. The Standard is effective for annual periods beginning on or after 1 January 2018.

#### B. IFRS 9"Financial Instruments"

The IASB has issued the final version of IFRS 9, which combines classification and measurement, the expected credit loss impairment model and hedge accounting. The standard will replace IAS 39 *Financial Instruments: Recognition and Measurement* and all previous versions of IFRS 9 *Financial Instruments* (which include standards issued on classification and measurement of financial assets and liabilities and hedge accounting).

Classification and measurement: Financial assets are measured at amortized cost, fair value through profit or loss, or fair value through other comprehensive income, based on both the entity's business model for managing the financial assets and the financial asset's contractual cash flow characteristics. Financial liabilities are measured at amortized cost or fair value through profit or loss. Furthermore there is requirement that 'own credit risk' adjustments are not recognized in profit or loss.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

Impairment: Expected credit loss model is used to evaluate impairment. Entities are required to recognize either 12-month or lifetime expected credit losses, depending on whether there has been a significant increase in credit risk since initial recognition.

Hedge accounting: Hedge accounting is more closely aligned with risk management activities and hedge effectiveness is measured based on the hedge ratio.

The new standard is effective for annual periods beginning on or after 1 January 2018. Consequential amendments on the related disclosures also become effective for annual periods beginning on or after 1 January 2018.

C. IFRS 10"Consolidated Financial Statements" and IAS 28"Investments in Associates and Joint Ventures" — Sale or Contribution of Assets between an Investor and its Associate or Joint Ventures

The amendments address the inconsistency between the requirements in IFRS 10 Consolidated Financial Statements and IAS 28 Investments in Associates and Joint Ventures, in dealing with the loss of control of a subsidiary that is contributed to an associate or a joint venture. IAS 28 restricts gains and losses arising from contributions of non-monetary assets to an associate or a joint venture to the extent of the interest attributable to the other equity holders in the associate or joint ventures. IFRS 10 requires full profit or loss recognition on the loss of control of the subsidiary. IAS 28 was amended so that the gain or loss resulting from the sale or contribution of assets that constitute a business as defined in IFRS 3 between an investor and its associate or joint venture is recognized in full.

IFRS 10 was also amended so that the gains or loss resulting from the sale or contribution of a subsidiary that does not constitute a business as defined in IFRS 3 between an investor and its associate or joint venture is recognized only to the extent of the unrelated investors' interests in the associate or joint venture.

The effective date of the amendments has been postponed indefinitely, but early adoption is allowed.

D. IAS 12"Income Taxes" — Recognition of Deferred Tax Assets for Unrealized Losses

The amendments clarify how to account for deferred tax assets for unrealized losses. The amendments are effective for annual periods beginning on or after 1 January 2017.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

#### E. Disclosure Initiative — Amendment to IAS 7 "Statement of Cash Flows":

The amendments relate to changes in liabilities arising from financing activities and to require a reconciliation of the carrying amount of liabilities at the beginning and end of the period. The amendments are effective for annual periods beginning on or after 1 January 2017.

#### F. IFRS 15 "Revenue from Contracts with Customers" — Clarifications to IFRS 15

The amendments clarify how to identify a performance obligation in a contract, determine whether an entity is a principal or an agent, and determine whether the revenue from granting a license should be recognized at a point in time or over time. The amendments are effective for annual periods beginning on or after 1 January 2018.

# G. IFRS 2 "Shared-Based Payment" — Amendments to IFRS 2

The amendments contain (1) clarifying that vesting conditions (service and non-market performance conditions), upon which satisfaction of a cash-settled share-based payment transaction is conditional, are not taken into account when estimating the fair value of the cash-settled share-based payment at the measurement date. Instead, these are taken into account by adjusting the number of awards included in the measurement of the liability arising from the transaction, (2) clarifying if tax laws or regulations require the employer to withhold a certain amount in order to meet the employee's tax obligation associated with the share-based payment, such transactions will be classified in their entirety as equity-settled share-based payment transactions if they would have been so classified in the absence of the net share settlement feature, and (3) clarifying that if the terms and conditions of a cash-settled share-based payment transaction are modified, with the result that it becomes an equity-settled share-based payment transaction, the transaction is accounted for as an equity-settled transaction from the date of the modification. The equity-settled share-based payment transaction is measured by reference to the fair value of the equity instruments granted at the modification date and is recognized in equity, on the modification date, to the extent to which goods or services have been received. The liability for the cash-settled share-based payment transaction as at the modification date is derecognized on that date. Any difference between the carrying amount of the liability derecognized and the amount recognized in equity on the modification date is recognized immediately in profit or loss. The amendments are effective for annual periods beginning on or after 1 January 2018.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

# H. Applying IFRS 9 Financial Instruments with IFRS 4 Insurance Contracts — Amendments to IFRS 4

The amendments help to resolve issues arising from the different effective dates for IFRS 9 "Financial Instruments" (1 January 2018) and the new insurance contracts standard about to be issued by the IASB (still to be decided, but not before 1 January 2020). The amendments allow entities issuing insurance contracts within the scope of IFRS 4 to mitigate certain effects of applying IFRS 9 "Financial Instruments" before the IASB's new insurance contracts standard becomes effective. The amendments introduce two approaches: an overlay approach and a temporary exemption. The overlay approach allows an entity applying IFRS 9 to remove from profit or loss the effects of some of the accounting mismatches that may occur from applying IFRS 9 before the new insurance contracts standard is applied. The temporary exemption enables eligible entities to defer the implementation date of IFRS 9 until 2021 (these entities that defer the application of IFRS 9 will continue to apply IAS 39).

#### I. Transfers of Investment Property — Amendments to IAS 40

The amendments relate to the transfers of investment property. The amendments clarify that a change in use occurs when the property meets, or ceases to meet, the definition of investment property and there is evidence of the change in use, the entity should transfer property into and out of investment property accordingly. A mere change in management's intentions for the use of a property does not provide evidence of a change in use. The amendments are effective for annual periods beginning on or after 1 January 2018.

J. Improvements to International Financial Reporting Standards (2014-2016 cycle):

IFRS 1 "First-time Adoption of International Financial Reporting Standards"

The amendments revise and amend transition requirements relating to certain standards and delete short-term exemptions under Appendix E for first-time adopter. The amendments are effective for annual periods beginning on or after 1 January 2018.

#### IFRS 12 "Disclosure of Interests in Other Entities"

The amendments clarify that the disclosure requirements in IFRS 12, other than those in paragraphs B10–B16, apply to an entity's interests that are classified as held for sale or discontinued operations. The amendments are effective for annual periods beginning on or after 1 January 2017.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

#### IAS 28"Investments in Associates and Joint Ventures"

The amendments clarify that when an investment in an associate or a joint venture is held by, or is held indirectly through, an entity that is a venture capital organization, or a mutual fund, unit trust and other qualifying entities including investment-linked insurance funds, the entity may elect to measure that investment at fair value through profit or loss in accordance with IFRS 9 "Financial Instruments" on an investment-by-investment basis. Besides, if an entity that is not itself an investment entity has an interest in an associate or joint venture that is an investment entity, the entity may, when applying the equity method, elect to retain the fair value measurement applied by that investment entity associate or joint venture to the investment entity associate's or joint venture's interests in subsidiaries on an investment-by-investment basis. The amendments are effective for annual periods beginning on or after 1 January 2018.

#### K. IFRIC 22 "Foreign Currency Transactions and Advance Consideration"

The interpretation clarifies that when applying paragraphs 21 and 22 of IAS 21 "The Effects of Changes in Foreign Exchange Rates", in determining the spot exchange rate to use on initial recognition of the related asset, expense or income (or part of it) on the derecognition of a non-monetary asset or non-monetary liability relating to advance consideration, the date of the transaction is the date on which an entity initially recognizes the non-monetary asset or non-monetary liability arising from the advance consideration. If there are multiple payments or receipts in advance, then the entity must determine a date of the transactions for each payment or receipt of advance consideration. The interpretation is effective for annual periods beginning on or after 1 January 2018.

The abovementioned standards and interpretations issued by IASB and endorsed by FSC so that they are applicable for annual periods beginning on or after 1 January 2018. The Group is still currently determining the potential impact of the standards and interpretations.

(3) Standards or interpretations issued, revised or amended, by IASB but not yet endorsed by FSC at the date of issuance of the Group's financial statements are listed below:

#### A. IFRS 16"Leases"

The new standard requires lessees to account for all leases under a single on-balance sheet model (subject to certain exemptions). Lessor accounting still uses the dual classification approach: operating lease and finance lease. The Standard is effective for annual periods beginning on or after 1 January 2019.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

#### B. IFRIC 23 "Uncertainty Over Income Tax Treatments"

The Interpretation clarifies application of recognition and measurement requirements in IAS 12 "Income Taxes" when there is uncertainty over income tax treatments. The Interpretation is effective for annual periods beginning on or after 1 January 2019.

#### C. IFRS 17 "Insurance Contracts"

IFRS 17 provides a comprehensive model for insurance contracts, covering all relevant accounting aspects (including recognition, measurement, presentation and disclosure requirements). The core of IFRS 17 is the General (building block) Model, under this model, on initial recognition, an entity shall measure a group of insurance contracts at the total of the fulfilment cash flows and the contractual service margin. The fulfilment cash flows comprise of the following:

- a. estimates of future cash flows;
- b. Discount rate: an adjustment to reflect the time value of money and the financial risks related to the future cash flows, to the extent that the financial risks are not included in the estimates of the future cash flows; and
- c. a risk adjustment for non-financial risk.

The carrying amount of a group of insurance contracts at the end of each reporting period shall be the sum of the liability for remaining coverage and the liability for incurred claims. Other than the General Model, the standard also provides a specific adaptation for contracts with direct participation features (the Variable Fee Approach) and a simplified approach (Premium Allocation Approach) mainly for short-duration contracts. IFRS 17 is effective for annual periods beginning on or after 1 January 2021.

The abovementioned standards and interpretations issued by IASB have not yet endorsed by FSC at the date when the Group's financial statements were authorized for issue, the local effective dates are to be determined by FSC. The Group is still currently determining the potential impact of the standards and interpretations.

# 4. Summary of significant accounting policies

#### (1) Statement of compliance

The consolidated financial statements of the Group for the six-month periods ended 30 June 2017 and 2016 have been prepared in accordance with the "Regulations Governing the Preparation of Financial Reports by Public Banks", the "Regulations Governing the Preparation of Financial Reports by Securities Issuers", the "Regulations Governing the Preparation of Financial Reports by Securities Firms", and IAS 34 "Interim Financial Reporting" as endorsed and became effective by the FSC.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

# (2) Basis of preparation

The consolidated financial reports comprise the consolidated balance sheet, consolidated statements of comprehensive income, the consolidated statements of change in equity, the consolidated statements of cash flows and related notes.

The consolidated financial statements have been prepared on a historical cost basis, except for financial instruments and investment property that have been measured at fair value. The consolidated financial statements are expressed in thousands of New Taiwan Dollars unless otherwise stated.

The Group classifies their economic activities as operating, investing and financing activities in accordance with management's judgment. The consolidated statements of cash flows presented the changes in cash and cash equivalents during the reporting period from operating, investing and financing activities. The components of cash and cash equivalents are disclosed in Note 6.(1).

#### (3) Basis of consolidation

# Preparation principle of consolidated financial statement

Control is achieved when the Group is exposed, or has rights, to variable returns from its involvement with the investee and has the ability to affect those returns through its power over the investee. Specifically, the Group controls an investee if and only if the Group has:

- (a) power over the investee (i.e. existing rights that give it the current ability to direct the relevant activities of the investee)
- (b) exposure, or rights, to variable returns from its involvement with the investee, and
- (c) the ability to use its power over the investee to affect its returns

When the Group has less than a majority of the voting or similar rights of an investee, the Group considers all relevant facts and circumstances in assessing whether it has power over an investee, including:

- (d) the contractual arrangement with the other vote holders of the investee
- (e) rights arising from other contractual arrangements
- (f) the Group's voting rights and potential voting rights

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

The Bank re-assesses whether or not it controls an investee if facts and circumstances indicate that there are changes to one or more of the three elements of control.

Subsidiaries are fully consolidated from the acquisition date, being the date on which the Bank obtains control, and continue to be consolidated until the date that such control ceases. The financial statements of the subsidiaries are prepared for the same reporting period as the parent company, using uniform accounting policies. All intra-group balances, income and expenses, unrealized gains and losses and dividends resulting from intra-group transactions are eliminated in full.

A change in the ownership interest of a subsidiary, without a change of control, is accounted for as an equity transaction.

Total comprehensive income of the subsidiaries is attributed to the owners of the parent and to the non-controlling interests even if this results in the non-controlling interests having a deficit balance.

If the Bank loses control of a subsidiary, it:

- (a) Derecognizes the assets (including goodwill) and liabilities of the subsidiary;
- (b) Derecognizes the carrying amount of any non-controlling interest;
- (c) Recognizes the fair value of the consideration received;
- (d) Recognizes the fair value of any investment retained;
- (e) Recognizes any surplus or deficit in profit or loss; and
- (f) Reclassifies the parent's share of components previously recognized in other comprehensive income to profit or loss.

The consolidated entities are listed as follows:

		Business	C	)wnership (%	(ó)
Investor	Subsidiary	nature	2017.06.30	2016.12.31	2016.06.30
The Bank	Indovina Bank Limited ("Indovina Bank")	Wholesale	50%	50%	50%
	Indovina Bank was incorporated in Vietnam on	banking			
	21 November 1990.				
The Bank	Cathay United Bank (Cambodia) Corporation	Wholesale	100%	100%	100%
	Limited ("CUBC Bank") SBC Bank was	banking			
	incorporated in Cambodia on 5 July 1993, and				
	renamed as CUBC as of 14 January 2014.				

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

For the six-month periods ended 30 June 2017 and 2016, respectively, the consolidated financial statements excluded the following subsidiaries because their total assets and operating revenues had immaterial impact to the Bank.

		Business	C	wnership (%	(a)
Investor	Subsidiary	nature	2017.06.30	2016.12.31	2016.06.30
The Bank	Seaward Card Co., Ltd. ("Seaward Card")	Dispatch	100%	100%	100%
	Seaward Card was incorporated on 9 April 1999.	work			

Subsidiaries that are not included in consolidated financial statements are recognized as investments accounted for using equity method according to the accounting treatment of subsidiaries above.

#### (4) Business combinations and goodwill

Business combinations are accounted for using the acquisition method. The cost of an acquisition is measured as the aggregate of the consideration transferred, measured at acquisition date fair value and the amount of any non-controlling interest in the acquiree. For each business combination, the acquirer measures the non-controlling interest in the acquiree either at fair value or at the proportionate share of the acquiree's identifiable net assets. Acquisition costs incurred are expensed.

Goodwill is initially measured at cost being the excess of the consideration transferred over the Bank's net identifiable assets acquired and liabilities assumed. If this consideration is lower than the fair value of the net assets of the subsidiary acquired, the difference is recognized in profit or loss.

After initial recognition, goodwill is measured at cost less any accumulated impairment losses. For the purpose of impairment testing, goodwill acquired in a business combination is, from the acquisition date, allocated to each of the Bank's cash-generating units that are expected to benefit from the combination, irrespective of whether other assets or liabilities of the acquiree are assigned to those units.

Where goodwill forms part of a cash-generating unit and part of the operation within that unit is disposed of, the goodwill associated with the operation disposed of is included in the carrying amount of the operation when determining the gain or loss on disposal of the operation. Goodwill disposed of in this circumstance is measured based on the relative value of the operation disposed of and the portion of the cash-generating unit retained.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

# (5) Investments accounted for using the equity method

The Bank's investment in its associate is accounted for using the equity method. An associate is an entity over which the Bank has significant influence. A joint venture is a type of joint arrangement whereby the parties that have joint control of the arrangement have rights to the net assets of the joint venture.

When an associate or joint venture issues new stock, and the Bank's interest in the associate or joint venture is reduced or increased as the Bank fails to acquire shares newly issued in the associate or joint venture proportionately to its original ownership interest, the increase or decrease in the interest in the associate or joint venture is recognized in additional paid-in capital and investments accounted for using the equity method. When the interest in the associate or joint venture is reduced, the cumulative amounts previously recognized in other comprehensive income is reclassified to profit or loss or other appropriate items. The aforementioned capital surplus recognized is reclassified to profit or loss on a pro rata basis when the Bank disposes the associate or joint venture.

The financial statements of the associate or joint venture are prepared for the same reporting period as the Bank. Where necessary, adjustments are made to bring the accounting policies in line with those of the Bank.

In accordance with IAS 39 Financial Instruments: Recognition and Measurement, the Bank determines at each reporting date whether there is any objective evidence that the investment in the associate or an investment in a joint venture is impaired. If this is the case, the Bank calculates the amount of impairment as the difference between the recoverable amount of the associate or joint venture and its carrying value and recognizes the amount in the "share of profit or loss of an associate or joint venture" in the statement of comprehensive income as required by IAS 36 Impairment of Assets. If using the investment's value in use as the recoverable amount, the Bank determines the value in use based on the following estimates:

- A. Future cash flows the Bank expects to derive from the investment in the associate or joint venture, including cash flows from the operation of the associate and from the ultimate disposal of such investment, or
- B. Present value of the future cash flows from dividends expected to be received from the associate and from the disposal of the investment.

Because goodwill included as part of the carrying amount of an investment in an associate or an investment in a joint venture is not separately recognized, it is not tested for impairment separately by applying the requirements for testing goodwill impairment in IAS 36 *Impairment of Assets*.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

Upon loss of significant influence over the associate or joint venture, the Bank measures and recognizes any retaining investment at its fair value. Any difference between the carrying amount of the associate or joint venture upon loss of significant influence and the fair value of the retaining investment and proceeds from disposal is recognized in profit or loss. Furthermore, if an investment in an associate becomes an investment in a joint venture or an investment in a joint venture becomes an investment in an associate, the entity continues to apply the equity method and does not re-measure the retained interest.

# (6) Foreign currency transactions

The consolidated financial statements are presented in New Taiwan dollars, which is also the Bank's functional currency.

Transactions in foreign currencies are initially recorded by the Group entities at their respective functional currency rates prevailing at the date of the transaction. Monetary assets and liabilities denominated in foreign currencies are retranslated at the functional currency closing rate of exchange ruling at the reporting date. Non-monetary items measured at fair value in a foreign currency are translated using the exchange rates at the date when the fair value is determined. Non-monetary items that are measured at historical cost in a foreign currency are translated using the exchange rates as at the dates of the initial transactions.

All exchange differences arising on the settlement of monetary items or on translating monetary items are taken to profit or loss in the period in which they arise except for the following:

- (a) Exchange differences arising from foreign currency borrowings for an acquisition of a qualifying asset to the extent that they are regarded as an adjustment to interest costs are included in the borrowing costs that are eligible for capitalization.
- (b) Foreign currency items within the scope of IAS 39 *Financial Instruments: Recognition and Measurement* are accounted for based on the accounting policy for financial instruments.
- (c) Exchange differences arising on a monetary item that forms part of a reporting entity's net investment in a foreign operation is recognized initially in other comprehensive income and reclassified from equity to profit or loss on disposal of the net investment.

When a gain or loss on a non-monetary item is recognized in other comprehensive income, any exchange component of that gain or loss is recognized in other comprehensive income. When a gain or loss on a non-monetary item is recognized in profit or loss, any exchange component of that gain or loss is recognized in profit or loss.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

# (7) <u>Translation of financial statements in foreign currency</u>

The assets and liabilities of foreign operations are translated into New Taiwan Dollars at the closing rate of exchange prevailing at the reporting date and their income and expenses are translated at an average rate for the period. The exchange differences arising on the translation are recognized in other comprehensive income. On the disposal of a foreign operation, the cumulative amount of the exchange differences relating to that foreign operation, recognized in other comprehensive income and accumulated in the separate component of equity, is reclassified from equity to profit or loss when the gain or loss on disposal is recognized. When the partial disposal involves the loss of control of a subsidiary that includes a foreign operation, and the retained interest after the partial disposal of an interest in a joint arrangement or a partial disposal of an interest in an associate that includes a foreign operation is a financial asset that includes a foreign operation.

Any goodwill and any fair value adjustments to the carrying amounts of assets and liabilities arising on the acquisition of a foreign operation are treated as assets and liabilities of the foreign operation and expressed in its functional currency.

#### (8) Cash and cash equivalents

Cash and cash equivalents in consolidated balance sheet comprise cash on hand, demand deposits and short-term, highly liquid time deposits or investments that are readily convertible to known amounts of cash and which are subject to an insignificant risk of changes in value. The Group classifies time deposits that are readily convertible to known amounts of cash within twelve months and which are subject to an insignificant risk of changes in value as cash equivalents. The consolidated statements of cash flows consist of cash and cash equivalents in consolidated balance sheet, due from the Central Bank and call loans to the banks and securities purchased under agreements to resell that conformed to the definition of cash and cash equivalents in IAS 7.

# (9) Bills and bonds under repurchase or resell agreements

Bills and bonds under repurchase or resell agreements are accounted for under the financing method. Bills and bonds sold under repurchase agreements are presented as "Securities sold under agreements to repurchase" at the sale date. Bills and bonds invested under resell agreements are presented as "Securities purchased under agreements to resell" at the purchase date. The difference between the purchase or the selling price and the contracted resell or repurchase price is recorded as interest income or interest expense, respectively.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

#### (10) Financial assets and financial liabilities

The Group classifies its financial assets as either financial assets at fair value through profit or loss, held-to-maturity financial assets, investment in debt securities with no active market, financial assets carried at cost, available-for-sale financial assets, derivative financial assets for hedging and loans and receivables where appropriate. Financial liabilities are classified as either financial liabilities at fair value through profit or loss and financial liabilities carried at amortized cost. When financial assets or liabilities are recognized initially, they are measured at fair value, plus, in the case of investments not at fair value through profit or loss, directly attributable transaction costs.

The Group accounts for regular way purchase or sales of financial assets on the trade date (i.e. the date that the Group commits to purchase or sell the asset).

#### (a) Financial assets or liabilities at fair value through profit or loss

Financial assets or liabilities include held for trading and designated by the Group at fair value through profit or loss are classified as financial assets or liabilities at fair value through profit or loss. A financial asset is classified as held for trading if:

- a. It is acquired or incurred principally for the purpose of selling or repurchasing it in the near term:
- b. On initial recognition it is part of a portfolio of identified financial instruments that are managed together and for which there is evidence of a recent actual pattern of short-term profit-taking; or
- c. It is a derivative (except for a derivative that is a financial guarantee contract or a designated and effective hedging instrument).

If a contract contains one or more embedded derivatives, the entire hybrid (combined) contract may be designated as a financial asset at fair value through profit or loss; or a financial asset may be designated as at fair value through profit or loss when doing so results in more relevant information, because either:

- a. It eliminates or significantly reduces a measurement or recognition inconsistency; or
- b. A group of financial assets, financial liabilities or both is managed and its performance is evaluated on a fair value basis, in accordance with a documented risk management or investment strategy, and information about the group is provided internally on that basis to the key management personnel.

Financial assets at fair value through profit or loss are measured at fair value. When it changes in fair value it recognized in profit or loss. Dividends or interests on financial assets at fair value through profit or loss are recognized in profit or loss (including those received during the period of initial investment).

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

For financial liabilities designated as at fair value through profit or loss, the recognition of the full amount of change in the fair value in profit or loss only if the presentation of changes in the liability's credit risk in other comprehensive income would create or enlarge an accounting mismatch in profit or loss.

If financial assets or financial liabilities do not have quoted prices in an active market and their fair value cannot be measured reliably, they are classified as financial assets or financial liabilities measured at cost on balance sheet as at the reporting date.

#### (b) Held-to-maturity financial assets

Non-derivative financial assets with fixed or determinable collections and fixed maturity which management has the intent and ability to hold to maturity are classified as held-to-maturity financial assets and reported at amortized cost. Such gains and losses are recognized when the investments are derecognized or impaired, as well as through amortized.

#### (c) Available-for-sale financial assets

Available-for-sale financial assets are measured at fair value with gains or losses being recognized as a separate component of equity except for impairment loss and foreign currency exchange related gains or losses, until the investment is derecognized at which time the cumulative gain or loss previously reported in equity is transferred to income statement. However, any difference between the initial amount and the maturity amount of available-for-sale financial assets shall be amortized by effective interest method as interest income or expense over the relevant periods.

#### (d) Loans and receivables

Loans and receivables are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market other then:

- a. Those that the entity intends to sell immediately or in the near term, which shall be classified as held for trading;
- b. Those that the entity upon initial recognition designates as at fair value through profit or loss;
- c. Those that the entity upon initial recognition designates as available-for-sale; or
- d. Those for which the holder may not recover substantially all of its initial investment, other than because of credit deterioration.

Gains and losses are recognized when the investments are derecognized, impaired and as well as through the amortization process.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

#### (e) Other financial assets

#### a. Investments in debt securities with no active market

Investment in debt securities with no active market are non-derivative financial assets with fixed or determinable collections that are not quoted in an active market. Such assets are carried at amortized cost using the effective interest method. Gains and losses are recognized when these investments are derecognized, impaired and as well as through the amortization process.

#### b. Financial assets carried at cost

Investment in equity instruments without quoted market price and derivative instruments linked to or settled by delivery of such unquoted equity investments shall be measured at cost.

#### (f) Financial liabilities

After initial recognition, all financial liabilities are measured at amortized cost, except for financial liabilities at fair value through profit or loss and derivative financial liabilities for hedging purpose. Such liabilities are measured at fair value.

The fair value of investments is determined by reference to the closing price at the balance sheet date for listed shares and derivatives, the net asset value for open-ended funds, and the closing or quoted price at the balance sheet date for bond and valuation techniques for debt securities with no active market, hybrid instruments and derivative instruments.

The abovementioned "measured at amortized cost" refers to the amount initially recognized minus principal repayments, plus or minus the cumulative amortization using the effective interest rate method of any difference between the initially recognized amount and the maturity amount, and minus impairment and uncollectible amount. The Group evaluates the effective interest rate of cash flows by considering contractual terms of financial instruments including fees paid/received, discounts, premiums and transaction costs.

#### (11) <u>Derivative financial instruments</u>

The Group entered into various derivative contracts, including forward currency contracts, cross-currency swaps, options, futures and interest rate swaps. Such derivative financial instruments are initially recognized at fair value on the date on which a derivative contract is entered into and are subsequently measured at fair value. Derivative financial instruments are carried as assets when the fair value is positive and as liabilities when the fair value is negative. Any gains or losses arising from changes in fair value on derivatives are taken directly to income if a derivative instrument in a fair value hedge is terminated or the hedge designation is removed for the period.

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#### (12) Fair value measurement

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The fair value measurement is based on the presumption that the transaction to sell the asset or transfer the liability takes place either:

- (a) In the principal market for the asset or liability, or
- (b) In the absence of a principal market, in the most advantageous market for the asset or liability

The principal or the most advantageous market must be accessible to by the Group.

The fair value of an asset or a liability is measured by using the assumptions that market participants would use when pricing the asset or liability, assuming that market participants in their economic best interest.

A fair value measurement of a non-financial asset takes into account a market participant's ability to generate economic benefits by using the asset in its highest and best use or by selling it to another market participant that would use the asset in its highest and best use.

The Group uses valuation techniques that are appropriate in the circumstances and for which sufficient data are available to measure fair value, maximizing the use of relevant observable inputs and minimizing the use of unobservable inputs.

#### (13) <u>Derecognition of financial assets and liabilities</u>

#### (a). Financial assets

A financial asset (or where applicable a part of a financial asset or part of a group of similar financial asset) is derecognized when:

- a. The rights to receive cash flows from the asset have expired.
- b. The Group has transferred their rights to receive cash flows from the asset or has assumed an obligation to pay the received cash flows in full without material delay to a third party under a 'pass-through' arrangement; and either (i) the Bank has transferred substantially all the risks and rewards of the asset, or (ii) the Bank has neither transferred nor retained substantially all the risks and rewards of the asset, but the Bank has transferred control of the asset.

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On derecognition of a financial asset in its entirety, the difference between the carrying amount and the consideration received or receivable including any cumulative gain or loss that had been recognized in other comprehensive income is recognized in profit or loss.

#### (b) Financial liabilities

A financial liability is derecognized when the obligation under the liability is discharged or cancelled or expires.

When an existing financial liability is replaced by another from the same lender on substantially different terms, or the terms of an existing liability are substantially modified, such an exchange or modification is treated as a derecognition of the original liability and the recognition of a new liability, and the difference in the respective carrying amounts is recognized in profit or loss.

# (14) Offsetting of financial instruments

Financial assets and financial liabilities are offset and the net amount reported in the balance sheet if, and only if, there is a currently enforceable legal right to offset the recognized amounts and there is an intention to settle on a net basis, or to realize the assets and settle the liabilities simultaneously.

#### (15) <u>Impairment of financial assets</u>

The Bank assesses at each reporting date whether there is any objective evidence that a financial asset other than the financial assets at fair value through profit or loss is impaired. A financial asset is deemed to be impaired when, and only when, there is objective evidence of impairment as a result of one or more loss events that has occurred after the initial recognition of the asset and that loss event has an impact on the estimated future cash flows of the asset. The carrying amount of the financial asset is reduced through the use of an allowance account and the amount of the loss is recognized in profit or loss.

A significant or prolonged decline in the fair value of an available-for-sale equity instrument below its cost is considered a loss event.

Objective evidence may include:

- (a) Significant financial difficulty of the issuer or obligor; or
- (b) A breach of contract, such as a default or delinquency in interest or principal payments; or
- (c) It becomes probable that the borrower will enter bankruptcy or other financial reorganization; or
- (d) The disappearance of an active market for that financial asset because of financial difficulties.

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The Group the following methods to determine the amount of any impairment loss:

#### (a) Available-for-sale financial assets

When a decline in the fair value of an available-for-sale financial asset has been recognized in other comprehensive income and there is objective evidence that the asset is impaired, the cumulative loss that had been recognized in other comprehensive income shall be reclassified from equity to profit or loss as a reclassification adjustment even though the financial asset has not been derecognized.

In the case of equity investments classified as available-for-sale, impairment losses are not reversed through profit or loss; increases in its fair value after impairment are recognized directly in other comprehensive income. If, in a subsequent period, the fair value of a debt instrument classified as available for sale increases and the increase can be objectively related to an event occurring after the impairment losses was recognized in profit or loss, the impairment losses are reversed through, with the amount of the reversal recognized in profit or loss.

#### (b) Financial assets carried at amortized cost

If there is objective evidence that an impairment loss on a financial asset carried at amortized cost has been incurred, the amount of the loss is measured by the difference between the asset's carrying amount and the present value of estimated future cash flows discounted at the asset's original effective interest rate. The carrying amount of the financial asset is reduced either directly or through the use of an allowance account. The amount of the loss is recognized in profit or loss.

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 either directly or by adjusting an allowance account. The reversal shall not result in a carrying amount of the financial asset that exceeds what the amortized cost would have been had the impairment not been recognized at the date the impairment is reversed. The amount of the reversal is recognized in profit or loss.

#### (c) Loans and receivables

The Group first assesses whether objective evidence of impairment exists individually for loans and receivables that are individually significant. If there is objective evidence that an impairment loss on individual loans and receivables has been incurred, the amount of impairment loss should be assessed individually. If there is objective evidence that an impairment loss on a loan and receivable that is not individually significant has been incurred, the Bank shall include those assets in a group of financial assets with similar credit risk characteristics and collectively assess them for impairment.

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If there is objective evidence that an impairment loss has been incurred, the amount of loss is measured as the difference between the carrying amount of loans and receivables and the present value of estimated future cash flows (excluding future credit losses that have not been incurred). The present value of the estimated future cash flows on loans and receivables is discounted at the financial assets original effective interest rate. If a loan has a variable interest rate, the discount rate for measuring any impairment loss is the current effective interest rate.

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 (such as an improvement in the debtor's credit rating), the previously recognized impairment loss shall be reversed either directly or by adjusting an allowance account. The reversal shall not result in a carrying amount of the loan and receivable that exceeds what the amortized cost would have been had the impairment not been recognized at the date the impairment is reversed. The amount of the reversal shall be recognized in profit or loss.

In addition, in accordance with the "Regulations Governing the Procedures for Banking Institutions to Evaluate Assets and Deal with Non-performing/Non-accrual Loans", the Bank shall allocate sufficient loan loss provision and reserves against liability on guarantees. Classification system classifies normal credit assets under the first category, with poorer credit assets assessed based on the securities and the length of time overdue, respectively classified as second category special mention, third category expectation of recovery, fourth category difficulty of recovery, and fifth category no hope of recovery.

The minimum loan loss provision and guarantee reserve shall be the sum of 1% of the outstanding balance of Category One credit asset's claim (excluding assets that represent claims against an ROC government agency), 2% of the balance of Category Two credit assets, 10% of the balance of Category Three credit assets, 50% of the balance of Category Four credit assets, and the full balance of Category Five credit assets.

# (16) <u>Impairment of non-financial assets</u>

The Group assesses at the end of each reporting period whether there is any indication that an asset in the scope of IAS 36 "Impairment of Assets" may be impaired. If any such indication exists, or when annual impairment testing for an asset is required, the Bank estimates the asset's recoverable amount. An asset's recoverable amount is the higher of an asset's or cashgenerating units ("CGU") fair value less costs to sell and its value in use and is determined for an individual asset, unless the asset does not generate cash inflows that are largely independent of those from other assets or groups of assets. Where the carrying amount of an asset or CGU exceeds its recoverable amount, the asset is considered impaired and is written down to its recoverable amount.

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For assets excluding goodwill, an assessment is made at each reporting date as to whether there is any indication that previously recognized impairment losses may no longer exist or may have decreased. If such indication exists, the Bank estimates the asset's or cashgenerating unit's recoverable amount. A previously recognized impairment loss is reversed only if there has been an increase in the estimated service potential of an asset which in turn increases the recoverable amount. However, the reversal is limited so that the carrying amount of the asset does not exceed its recoverable amount, nor exceed the carrying amount that would have been determined, net of depreciation, had no impairment loss been recognized for the asset in prior years.

A cash generating unit, or groups of cash-generating units, to which goodwill has been allocated is tested for impairment annually at the same time, irrespective of whether there is any indication of impairment. If an impairment loss is to be recognized, it is first allocated to reduce the carrying amount of any goodwill allocated to the cash generating unit (group of units), then to the other assets of the unit (group of units) pro rata on the basis of the carrying amount of each asset in the unit (group of units). Impairment losses relating to goodwill cannot be reversed in future periods for any reason.

An impairment loss of continuing operations or a reversal of such impairment loss is recognized in profit or loss.

#### (17) Financial guarantee contracts

Financial guarantee contracts issued by the Group are those contracts that require a payment to be made to reimburse the holder for a loss it incurs because the specified debtor fails to make a payment when due in accordance with the terms of a debt instrument. Financial guarantee contracts are recognized initially as a liability at fair value, adjusted for transaction costs that are directly attributable to the issuance of the guarantee.

# (18) Foreclosed properties

Foreclosed properties of the Group represent assets acquired by repossession of collateral for realization and are stated at the lower of cost or net realizable value on the balance sheet date. If there is an objective evidence of impairment, the impairment loss shall be recognized.

#### (19) <u>Lease</u>

All the leasing contracts of the Group follow the regulations of IAS 17 and SIC 4 and are categorized as operating lease. If the Group is the lessor, the asset in the operating lease is categorized under "Investment properties" account. If the Group is the lessee, the asset then is recorded as leased asset in the balance sheet. The rent payable and receivable of operating lease are recorded by its rental duration using straight-line method. They are recorded as "Other general and administrative expenses" and "Other net non-interest income".

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# (20) Property and equipment

Property and equipment is stated at cost, net of accumulated depreciation and/or accumulated impairment losses, if any. Such cost includes the cost of dismantling and removing the item and restoring the site on which it is located and borrowing costs for construction in progress if the recognition criteria are met. When significant parts of property and equipment are required to be replaced in intervals, the Bank recognizes such parts as individual assets with specific useful lives and depreciation, respectively. Likewise, when a major inspection is performed, its cost is recognized in the carrying amount of the plant and equipment as a replacement if the recognition criteria are satisfied. All other repair and maintenance costs are recognized in profit or loss as incurred.

Depreciation is calculated on a straight-line method over the following estimated useful lives:

Building	5 - 60	years
Machinery and equipment	3 - 8	years
Transportation equipment	3 - 7	years
Miscellaneous equipment	3 - 15	years

An item of property and equipment and any significant part initially recognized is derecognized upon disposal or when no future economic benefit is expected from its use or disposal. Any gain or loss arising on derecognition of the asset is included in profit or loss.

The assets' residual values, useful lives and methods of depreciation are reviewed at each financial year end, and adjusted prospectively, if appropriate.

#### (21) <u>Investment properties</u>

Investment properties are measured initially at cost, including transaction costs. The carrying amount includes the cost of replacing part of an existing investment property at the time that cost is incurred if the recognition criteria are met and excludes the costs of day to day servicing of an investment property. Subsequent to initial recognition, investment properties are measured using the fair value model in accordance with the requirements of IAS 40 *Investment property* for that model. Gains or losses arising from changes in the fair values of investment properties are included in the consolidated statement of comprehensive income in the period in which they arise, other than those that meet the criteria to be classified as held for sale (or are included in a disposal group that is classified as held for sale) in accordance with IFRS 5 *Non-current Assets Held for Sale and Discontinued Operations*.

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Investment properties are derecognized when either they have been disposed of or when the investment property is permanently withdrawn from use and no future economic benefit is expected from its disposal. The difference between the net disposal proceeds and the carrying amount of the asset is recognized in profit or loss in the period of derecognition.

The fair value of investment properties is measured on the character, location and condition of specific property.

# (22) <u>Intangible assets</u>

Intangible assets acquired separately are measured on initial recognition at cost. The cost of intangible assets acquired in a business combination is its fair value as at the date of acquisition. Following initial recognition, intangible assets are carried at cost less any accumulated amortization and accumulated impairment losses, if any. Internally generated intangible assets, excluding capitalized development costs, are not capitalized and expenditure is reflected in profit or loss for the year in which the expenditure is incurred.

The useful lives of intangible assets are assessed as either finite or indefinite.

Intangible assets with finite lives are amortized over the useful economic life and assessed for impairment whenever there is an indication that the intangible asset may be impaired. The amortization period and the amortization method for an intangible asset with a finite useful life are reviewed at least at the end of each financial year. Changes in the expected useful life or the expected pattern of consumption of future economic benefits embodied in the asset is accounted for by changing the amortization period or method, as appropriate, and are treated as changes in accounting estimates.

Intangible assets with indefinite useful lives are not amortized, but are tested for impairment annually, either individually or at the cash-generating unit level. The assessment of indefinite life is reviewed annually to determine whether the indefinite life continues to be supportable. If not, the change in useful life from indefinite to finite is made on a prospective basis.

Gains or losses arising from derecognition of an intangible asset are measured as the difference between the net disposal proceeds and the carrying amount of the asset and are recognized in profit or loss when the asset is derecognized.

The category of intangible assets of the Bank and the amortization method over the estimated useful lives are as follows:

Category	Useful lives	Amortization method
Computer software	3 - 8 years	Straight-line method
Other intangible assets	4 years	Straight-line method

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#### (23) Income taxes

Income tax expense (income) is the aggregate amount included in the determination of profit or loss for the period in respect of current tax and deferred tax.

#### Current income tax

Current income tax assets and liabilities for the current and prior periods are measured at the amount expected to be recovered from or paid to the taxation authorities, using the tax rates and tax laws that have been enacted or substantively enacted by the end of the reporting period. Current income tax relating to items recognized in other comprehensive income or directly in equity is recognized in other comprehensive income or equity and not in profit or loss.

The 10% income tax for undistributed earnings is recognized as income tax expense in the subsequent year when the distribution proposal is approved by the board of directors.

#### Deferred tax

Deferred tax is provided on temporary differences at the reporting date between the tax bases of assets and liabilities and their carrying amounts for financial reporting purposes.

Deferred tax liabilities are recognized for all taxable temporary differences, except:

- (a) Where the deferred tax liability arises from the initial recognition of goodwill or of an asset or liability in a transaction that is not a business combination and, at the time of the transaction, affects neither the accounting profit nor taxable profit or loss;
- (b) In respect of taxable temporary differences associated with investments in subsidiaries, associates and interests in joint ventures, where the timing of the reversal of the temporary differences can be controlled and it is probable that the temporary differences will not reverse in the foreseeable future.

Deferred tax assets are recognized for all deductible temporary differences, carry forward of unused tax credits and unused tax losses, to the extent that it is probable that taxable profit will be available against which the deductible temporary differences, and the carry forward of unused tax credits and unused tax losses can be utilized, except:

(a) Where the deferred tax asset relating to the deductible temporary difference arises from the initial recognition of an asset or liability in a transaction that is not a business combination and, at the time of the transaction, affects neither the accounting profit nor taxable profit or loss;

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(b) In respect of deductible temporary differences associated with investments in subsidiaries, associates and interests in joint ventures, deferred tax assets are recognized only to the extent that it is probable that the temporary differences will reverse in the foreseeable future and taxable profit will be available against which the temporary differences can be utilized.

Deferred tax assets and liabilities are measured at the tax rates that are expected to apply in the year when the asset is realized or the liability is settled, based on tax rates and tax laws that have been enacted or substantively enacted at the reporting date. The measurement of deferred tax assets and deferred tax liabilities reflects the tax consequences that would follow from the manner in which the Bank expects, at the end of the reporting period, to recover or settle the carrying amount of its assets and liabilities. Deferred tax relating to items recognized outside profit or loss is recognized outside profit or loss. Deferred tax items are recognized in correlation to the underlying transaction either in other comprehensive income or directly in equity. Deferred tax assets are reassessed at each reporting date and are recognized accordingly.

Deferred tax assets and deferred tax liabilities are offset, if a legally enforceable right exists to set off current income tax assets against current income tax liabilities and the deferred taxes relate to the same taxable entity and the same taxation authority.

Interim period's income tax expense is calculated and disclosed by applying the applicable tax rate to expected total annual earnings; in other words, applying estimated annual effective tax rate to interim period's pre-tax income.

Effective from 1 January, 2006, the Company has considered the impact of the "Alternative Minimum Tax Act" to estimate their income tax liabilities.

### (24) Employee benefits

# Defined contribution plans

The Bank has a pension plan covering all full-time employees (the defined benefit plan). Under the plan, pension benefit payments for each employee are based on the employee's years of service and final average compensation. The Bank has established two employee retirement fund committees to supervise the employees' retirement fund based on the regulations of the employee retirement plan. Contribution to the pension fund is made to the separate accounts of the above two committees monthly. The Bank makes contributions to the pension plan, which is administered and operated by an independent employee retirement fund committee. The pension plan is not reflected in the consolidated financial statements. Pension benefits for employees of the overseas subsidiaries and the branches are provided in accordance with the respective local regulations.

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The Labor Pension Act of the ROC (the "Act"), which adopts a defined contribution pension plan, is effective on 1 July 2005. In accordance with the Act, employees of the Bank may elect to be subject to either the Act, and maintain their seniority before the enforcement of the Act, or the pension mechanism of the Labor Standards Act. For employees subject to the Act, the Bank shall make monthly contributions to the employees' individual pension accounts on a basis 6% of the employees' monthly wages. Monthly contributions are recognized as pension costs.

### Defined benefit plans

Post-employment benefit plan that is classified as a defined benefit plan uses the Projected Unit Credit Method to measure its obligations and costs based on actuarial assumptions. Re-measurements, comprising of the effect of the actuarial gains and losses, the effect of the asset ceiling (excluding net interest) and the return on plan assets, excluding net interest are recognized as other comprehensive income with a corresponding debit or credit to other equity in the period in which they occur.

Past service costs are recognized in profit or loss on the earlier of:

- A. The date of the plan amendment or curtailment, and
- B. The date that the Group recognizes restructuring-related costs

Net interest is calculated by applying the discount rate to the net defined benefit liability or asset, both as determined at the start of the annual reporting period, taking account of any changes in the net defined benefit liability (asset) during the period as a result of contribution and benefit payment.

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

### Employee preferential interest rate deposits

The Bank offers its employees with preferential deposit, including providing finite amount preferential interest rate deposits to current employees and providing the preferential interest rate deposits to current employees and retired employees after their retirement. The difference between the interest rate of preferential deposits and the market rate is recognized as employee benefits.

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The finite amount preferential deposits that the Bank paid to its current employees are calculated monthly on accrual basis. The difference between the interest rate of preferential deposit and the market rate is recorded as "Employee benefits expenses". In accordance with the article 30 of the "Regulations Governing the Preparation of Financial Reports by Public Banks", when the interest incurred from preferential interest rate deposits exceed the interest generated from market rate, it should be considered the actuarial amount according to defined benefit plan regulated on IAS 19 "Employee Benefits" since the employee's retirement date.

### (25) Provisions

Provisions are recognized when the Bank has a present obligation (legal or constructive) as a result of a past event, it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation and a reliable estimate can be made of the amount of the obligation. Where the Bank expects some or all of a provision to be reimbursed, the reimbursement is recognized as a separate asset but only when the reimbursement is virtually certain. If the effect of the time value of money is material, provisions are discounted using a current pre-tax rate that reflects the risks specific to the liability. Where discounting is used, the increase in the provision due to the passage of time is recognized as a borrowing cost.

### (26) Interest income

Interest income is recognized over the period by applying the interest rate method and measured except for delinquent accounts and troubled accounts whose interest is recognized when received.

### (27) Service fee

The Group earns service fee from a diverse range of service it provide to its customers. Fee income can be divided into the following two categories:

- (a) Fee income on transactions conducted or from services provided over a period of time.
- (b) Fee income from providing transaction services.

The fair value of the award credits granted to the bank card holders is deferred and recognized as fee income when the award credits are redeemed or expire.

### (28) Operating segment information

An operating segment is a component of an entity that has the follow characteristics:

- (a) Engaging in business activities from which it may earn revenues and incur expenses;
- (b) Whose operating results are regularly reviewed by the entity's chief operating decision marker to make decisions about resource to be allocated to the segment and assess its performance, and
- (c) For which discrete financial information is available.

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### 5. Significant accounting judgments, estimates and assumptions

The preparation of the Group's consolidated financial statements require management to make judgments, estimates and assumptions that affect the reported amounts of revenues, expenses, assets and liabilities, and the disclosure of contingent liabilities, at the end of the reporting period. However, uncertainty about these assumptions and estimates could result in outcomes that require a material adjustment to the carrying amount of the asset or liability affected in future periods.

# (1) Judgment

In the process of applying the Group's accounting policies, management has made the following judgments, which have the most significant effect on the amounts recognized in the consolidated financial statements:

### (a) Investment properties

Certain properties of the Group comprise a portion that is held to earn rentals or for capital appreciation and another portion that is owner-occupied. The property is classified as investment property in its entirety only if the portion that is owner-occupied is under 5% of the total property.

### (b) Operating lease commitment—the Group as the lessor

The Group has entered into commercial property leases on its investment property portfolio. The Group has determined, based on an evaluation of the terms and conditions of the arrangements, that it retains all the significant risks and rewards of ownership of these properties and accounts for the contracts as operating leases.

### (2) Estimates and assumptions

The key assumptions concerning the future and other key sources of estimation uncertainty at the reporting date, that have a significant risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year are discussed below.

### (a) Impairment losses on loans and receivables

The Group review their loans and receivables to assess whether an impairment loss should be recorded in profit or loss on a monthly basis. When the Group determines whether to recognize impairment losses, they mainly decide if there is any observable evidence indicating possible impairment. The evidence may include observable information indicating unfavourable changes in debtor payment status, or sovereign or the local economic situation related to debt payment. While analysing expected cash flow, the estimates by the management are based on past losses experience on the assets of similar credit risk characteristics. The Group periodically reviews methods and assumptions behind the amount and schedule of expected cash flow, to reduce the difference between expected and actual loss.

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#### (b) Fair value of financial instruments

Where the fair value of financial instruments cannot be derived from an active market or a quoted price, it is determined using a valuation technique. Observable market data for similar financial instruments is utilized as inputs to measure fair value. If observable inputs are not available, prudent assumptions are used for estimating fair value. In applying valuation techniques, the Group adopts pricing models in accordance with its procedure for valuation. All models are adjusted to ensure that their results reflect actual data and market prices.

# (c) Impairment of non-financial assets

Impairment exists when the carrying value of an asset or cash generating unit exceeds its recoverable amount, which is the higher of its fair value less costs to sell and its value in use. The fair value less costs to sell calculation is based on available data from binding sales transactions in an arm's length transaction of similar assets or observable market prices less incremental costs that would be directly attributable to the disposal of the asset or cash generating unit. The value in use calculation is based on a discounted cash flow model. The cash flows projections are derived from the budget for the next five years and do not include restructuring activities that the Group is not yet committed to or significant future investments that will enhance the asset's performance of the cash generating unit being tested. The recoverable amount is most sensitive to the discount rate used for the discounted cash flow model as well as the expected future cash-inflows and the growth rate used for extrapolation purposes.

The Bank determines whether goodwill is impaired on an annual basis and when circumstances indicate that the carrying value may be impaired. This requires an estimation of the recoverable amount of the CGU or groups of CGUs to which goodwill is allocated. Estimating the recoverable amount requires the Bank to make an estimate of the expected future cash flows from the CGU or groups of CGUs and also to choose a suitable discount rate in order to calculate the present value of those cash flows.

### (d) Award credits and deferred income

The Bank recognizes the fair value of all considerations received or receivable as revenue at the time of sale, and estimates the cost and related liabilities resulting from the awards given. The consideration allocated to the award credits should be deferred and only recognized as revenue when award credits are redeemed and the Bank fulfils its obligations to supply awards. As points issued under the program do not expire, such estimates are subject to significant uncertainty.

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### (e) Income tax

Uncertainties exist with respect to the interpretation of complex tax regulations and the amount and timing of future taxable income. Given the wide range of international business relationships and the long-term nature and complexity of existing contractual agreements, differences arising between the actual results and the assumptions made, or future changes to such assumptions, could necessitate future adjustments to tax income and expense already recorded. The Group establishes provisions, based on reasonable estimates, for possible consequences of audits by the tax authorities of the respective counties in which it operates. The amount of such provisions is based on various factors, such as experience of previous tax audits and differing interpretations of tax regulations by the taxable entity and the responsible tax authority. Such differences of interpretation may arise on a wide variety of issues depending on the conditions prevailing in the respective Group entity's domicile.

Deferred tax assets are recognized for all carry forward of unused tax losses and unused tax credits and deductible temporary differences to the extent that it is probable that taxable profit will be available or there are sufficient taxable temporary differences against which the unused tax losses, unused tax credits or deductible temporary differences can be utilized. The amount of deferred tax assets determined to be recognized is based upon the likely timing and the level of future taxable profits and taxable temporary differences together with future tax planning strategies.

### (f) Pension benefits

The cost of post-employment benefit and the present value of the pension obligation under defined benefit pension plans are determined using actuarial valuations. An actuarial valuation involves making various assumptions, including the determination of the discount rate and future salary increases.

According to internal regulation of the Bank or hiring agreement, IAS 19 "*Employee Benefit*" applies to the excess interest of retiring employee preferential interest rate deposits once the employee is retired.

# (g) Fair value of investment property

The fair value of investment property is derived from valuation techniques, including income approach (such as discounted cash flow model and direct capitalization approach), comparison approach, and cost approach, while the assumptions used in applying valuation techniques will have impacts on the fair value of investment property. Please refer Note 6.(11) for more details.

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# 6. Breakdown of Significant Accounts

### (1) Cash and cash equivalents

	2017.06.30	2016.12.31	2016.06.30
Cash on hand	\$15,864,032	\$19,950,689	\$14,237,120
Checks for clearance	3,207,665	7,390,035	2,191,706
Due from commercial banks	35,881,765	35,943,676	50,656,238
Total	\$54,953,462	\$63,284,400	\$67,085,064

The components of cash and cash equivalents in statement of cash flows are listed below.

	2017.06.30	2016.12.31	2016.06.30
Cash and cash equivalents in consolidated			
balance sheets	\$54,953,462	\$63,284,400	\$67,085,064
Due from the Central Bank and call loans			
to banks satisfied the definition of cash			
and cash equivalents under IAS 7	78,450,338	18,524,091	29,842,183
Securities purchased under agreements to			
resell satisfied the definition of cash and			
cash equivalents under IAS 7	68,697,822	38,139,919	38,812,586
Cash and cash equivalents at end of the			
periods in statements of cash flows	\$202,101,622	\$119,948,410	\$135,739,833

### (2) Due from the Central Bank and call loans to banks

	2017.06.30	2016.12.31	2016.06.30
Call loans to banks	\$22,506,867	\$10,653,748	\$26,293,368
Due from the Central Bank - Statutory			
reserve on deposits	53,540,813	53,416,844	51,558,001
Due from the Central Bank - General deposits	55,943,471	7,870,343	3,548,815
Total	\$131,991,151	\$71,940,935	\$81,400,184

# (a) The Bank

Statuary reserve on deposits and general deposits consists mainly of New Taiwan dollars and foreign currency deposit reserves.

As provided by the Central Bank of the ROC, NTD-denominated deposit reserves are determined monthly at prescribed rates on average balances of customers' NTD-denominated deposits. These reserves included \$49,551,618, \$48,836,800 and \$47,779,969 as of 30 June 2017, 31 December 2016 and 30 June 2016, respectively, which are subject to withdrawal restrictions.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

In addition, the foreign-currency deposit reserves are determined at prescribed rates on balances of additional foreign-currency deposits. These non-interest bearing reserves may be withdrawn momentarily. As of 30 June 2017, 31 December 2016 and 30 June 2016, the balances of foreign-currency deposit reserves were \$2,074,887, \$2,336,047 and \$1,768,779, respectively.

### (b) Indovina Bank

In accordance with the relevant local laws and regulations governing credit institutions, the amounts of compulsory reserves for the State Bank of Vietnam were \$729,451, \$1,118,112 and \$992,906 as of 30 June 2017, 31 December 2016 and 30 June 2016, respectively.

### (c) CUBC Bank

In accordance with the relevant local laws and regulations governing credit institutions, the amounts of compulsory reserves for the National Bank of Cambodia were \$1,184,857, \$1,125,885 and \$1,016,347 as of 30 June 2017, 31 December 2016 and 30 June 2016, respectively.

# (3) Financial assets at fair value through profit or loss

	2017.06.30	2016.12.31	2016.06.30
Financial assets for trading:			
Stocks	\$304,828	\$-	\$963,185
Short-term bills	98,828,537	93,126,341	171,832,449
Bonds	83,288,080	53,544,936	45,095,862
Derivative financial instruments	34,495,016	52,646,314	48,077,763
Total	\$216,916,461	\$199,317,591	\$265,969,259

(a) As of 30 June 2017, 31 December 2016 and 30 June 2016, the amount (the range of fair value for derivative contracts between initial recognition and subsequent measurement) for derivative financial instruments (include hedging) are disclosed as following: (Unit: thousands of US dollars):

	2017.06.30	2016.12.31	2016.06.30
Currency forward contracts	\$58,326,754	\$49,094,551	\$53,505,186
Interest rate swap	43,388,228	33,116,665	29,815,984
Cross currency swap	5,155,029	9,733,905	11,966,932
Options	3,485,818	6,213,816	11,264,826
Futures	214,414	15,688	415,000

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

(b) The Bank was authorized to issue subordinated financial debentures amounting to US\$990 million in September 2014, which issued a subordinated financial debentures amounting to US\$660 million (perpetual) and US\$330 million (fifteen-year) with a fixed interest rate in 8 October 2014, respectively, and the Bank was authorized by the authorities to redeem the US\$660 million bonds at its fair value after 12 years by fulfilling the said conditions.

The Bank was authorized to issue unsubordinated financial debentures amounting to US\$180 million (thirty-year) in 30 March 2015, in addition to redeeming bond by exercising call option, redeemable on maturity, in the form of zero-coupon bonds, internal rate of return of 4.20%.

The Bank was authorized to issue unsubordinated financial debentures amounting to US\$195 million (thirty-year) in 11 April 2017, in addition to redeeming bond by exercising call option, redeemable on maturity, in the form of zero-coupon bonds, internal rate of return of 4.30%.

The Bank converted fixed interest rate into floating interest rate with interest rate swap contract to hedge the fair value risk resulting from interest rate. The interest rate swap valuations for the three-month periods ended 30 June 2017 and 2016, and for six-month periods ended 30 June 2017 and 2016 was net gains \$848,576, \$1,393,772, \$2,306,289 and \$5,677,506, respectively.

(c) As of 30 June 2017, certain financial assets at fair value through profit or loss were sold under repurchase agreements with notional amounts of \$15,146,894. Such repurchase agreements amounting to \$14,557,812, which was posted to the "Securities sold under agreements to repurchase" account on the consolidated balance sheets. Repurchase agreements entered prior to 30 June 2017 were settled at \$14,576,335 prior to 31 July 2017.

#### (4) Receivables - net

	2017.06.30	2016.12.31	2016.06.30
Notes receivable	\$12,147	\$-	\$634
Accounts receivable	69,048,769	66,289,179	62,099,726
Interest receivable	6,540,663	5,721,478	4,811,664
Acceptances	1,137,155	1,045,109	1,328,075
Factoring receivable	1,721,235	4,073,377	4,210,120
Others	8,860,955	6,990,017	5,063,232
Total	87,320,924	84,119,160	77,513,451
Adjustment for discounts and premiums	(13,166)	(14,395)	(19,832)
Less: allowance for doubtful accounts	(2,844,178)	(3,836,359)	(3,460,954)
Net balance	\$84,463,580	\$80,268,406	\$74,032,665

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

# (a) Information on bad and doubtful accounts is as follows:

	2017.01.01-2017.06.30		
	Individually	Collectively	
	impaired	impaired	Total
Balance, beginning of the period	\$208,096	\$3,628,263	\$3,836,359
Provision of doubtful accounts	26,297	39	26,336
Write-offs	(1,062,264)	-	(1,062,264)
Debt negotiation recoveries	56,299	-	56,299
Recoveries	221,831	-	221,831
Reclassification	744,343	(800,749)	(56,406)
Effects of exchange rates changes	(1,269)	(176,708)	(177,977)
Balance, end of the period	\$193,333	\$2,650,845	\$2,844,178

2016.01.01-2016.06.30		
Individually	Collectively	
impaired	impaired	Total
\$650,596	\$2,129,092	\$2,779,688
701,920	-	701,920
(201,189)	-	(201,189)
60,246	-	60,246
228,953	-	228,953
(1,295,417)	1,224,556	(70,861)
	(37,803)	(37,803)
\$145,109	\$3,315,845	\$3,460,954
	Individually impaired \$650,596 701,920 (201,189) 60,246 228,953 (1,295,417)	Individually impaired         Collectively impaired           \$650,596         \$2,129,092           701,920         -           (201,189)         -           60,246         -           228,953         -           (1,295,417)         1,224,556           -         (37,803)

# (b) Impairment assessment of receivables – the Group

Item		Receivables		
		2016.12.31	2016.06.30	
dividual assessment	\$72,999	\$49,319	\$18,020	
ollective assessment	198,501	232,745	186,290	
ollective assessment	87,049,424	83,837,096	77,309,141	
(	ollective assessment	ollective assessment 198,501	2017.06.30 2016.12.31 dividual assessment \$72,999 \$49,319 ollective assessment 198,501 232,745	

Item		Allowance for doubtful accounts		
		2017.06.30	2016.12.31	2016.06.30
With objective evidence	Individual assessment	\$49,150	\$31,141	\$9,418
of impairment	Collective assessment	144,183	176,955	135,691
Without objective evidence of impairment	Collective assessment	2,650,845	3,628,263	3,315,845

Notes: Receivables shall refer to amounts originated excluded (included) allowance for doubtful accounts and discount or premium.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

# (5) Discounts and loans - net

	2017.06.30	2016.12.31	2016.06.30
Outward documentary bills	\$1,387,660	\$2,303,674	\$1,538,852
Overdrafts	2,861,394	3,239,367	2,616,588
Short-term loans	418,803,346	500,890,187	432,384,320
Medium-term loans	321,620,176	301,913,586	295,114,844
Long-term loans	691,603,473	646,340,706	560,212,118
Delinquent accounts	2,395,525	2,133,624	2,106,965
Total	1,438,671,574	1,456,821,144	1,293,973,687
Adjustment for discounts and premium	471,779	575,212	710,977
Less: allowance for doubtful accounts	(21,570,279)	(19,865,448)	(18,980,761)
Net balance	\$1,417,573,074	\$1,437,530,908	\$1,275,703,903

<sup>(</sup>a) Please refer to Note 12.(7) for details on loans by industries and geographic regions.

# (b) The Group's information on bad and doubtful accounts is as follows:

	2017.01.01-2017.06.30		
	Individually	Collectively	
	impaired	impaired	Total
Balance, beginning of the period	\$3,192,994	\$16,672,454	\$19,865,448
Provision of doubtful accounts	1,329,237	(16,697)	1,312,540
Write-offs	(249,262)	-	(249,262)
Debt negotiation recoveries	52,196	-	52,196
Recoveries	678,926	-	678,926
Reclassification	(1,021,623)	1,078,029	56,406
Effects of changes in exchange rates	(31,338)	(114,637)	(145,975)
Balance, end of the period	\$3,951,130	\$17,619,149	\$21,570,279

	2016.01.01-2016.06.30					
	Individually Collectively					
	impaired	impaired	Total			
Balance, beginning of the period	\$3,440,902	\$14,315,090	\$17,755,992			
Provision of doubtful accounts	1,310,183	(50,120)	1,260,063			
Write-offs	(413,546)	-	(413,546)			
Debt negotiation recoveries	55,128	-	55,128			
Recoveries	326,011	-	326,011			
Reclassification	(1,147,127)	1,217,988	70,861			
Effects of changes in exchange rates	(29,640)	(44,108)	(73,748)			
Balance, end of the period	\$3,541,911	\$15,438,850	\$18,980,761			

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

# (c) Impairment assessment of discounts and loans — the Group

Tt -	Discounts and loans			
Item		2017.06.30	2016.12.31	2016.06.30
With objective evidence	Individual assessment	\$9,749,754	\$9,189,480	\$8,581,817
of impairment	Collective assessment	8,295,629	7,405,577	7,249,234
Without objective evidence of impairment	Collective assessment	1,420,626,191	1,440,226,087	1,278,142,636

Tt	Allowance for doubtful account			
Item		2017.06.30	2016.12.31	2016.06.30
With objective evidence	Individual assessment	\$2,284,778	\$1,690,166	\$1,884,683
of impairment	Collective assessment	1,666,352	1,502,828	1,657,228
Without objective evidence of impairment	Collective assessment	17,619,149	16,672,454	15,438,850
evidence of impairment				

Note: Discounts and loans shall refer to amounts originated excluded (included) allowance for doubtful accounts and discount or premium.

# (d) Information on provision for (reverse of) bad debt expenses and losses on guarantees are as follows:

	2017.01.01-	2016.01.01-
	2017.06.30	2016.06.30
Provision for allowance for doubtful accounts –		
receivables	\$26,336	\$701,920
Provision for allowance for doubtful accounts –		
discounts and loans	1,312,540	1,260,063
Provision for allowance for doubtful accounts – bills		
purchased	21	54
Reverse of reserve for losses on guarantees	(5,831)	(29,129)
Other	(25,534)	
Total	\$1,307,532	\$1,932,908

# (6) Available-for-sale financial assets - net

	2017.06.30	2016.12.31	2016.06.30
Stocks	\$14,341,970	\$11,734,360	\$17,766,221
Short-term bills	-	917,355	-
Mutual funds and beneficiary securities	214,879	3,586,499	1,322,989
Bonds	134,289,050	139,915,745	84,783,170
Net balance	\$148,845,899	\$156,153,959	\$103,872,380

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

- (a) Impairment assessment of available-for-sale financial assets above, please refer to Note 12. (7).
- (b) As of 30 June 2017, certain available-for-sale financial assets were sold under repurchase agreements with notional amounts of \$25,707,485. Such repurchase agreements amounting to \$25,110,943 were posted to the "Securities sold under agreements to repurchase" account on the consolidated balance sheet. Repurchase agreements entered prior to 30 June 2017 were settled at \$25,131,403 prior to 31 December 2017.

As of 31 December 2016, certain available-for-sale financial assets were sold under repurchase agreements with notional amounts of \$23,612,678. Such repurchase agreements amounting to \$22,468,724 were posted to the "Securities sold under agreements to repurchase" account on the consolidated balance sheet. Repurchase agreements entered prior to 31 December 2016 were settled at \$22,472,812 prior to 30 June 2017.

As of 30 June 2016, certain available-for-sale financial assets were sold under repurchase agreements with notional amounts of \$9,207,734. Such repurchase agreements amounting to \$9,783,934 were posted to the "Securities sold under agreements to repurchase" account on the consolidated balance sheet. Repurchase agreements entered prior to 30 June 2016 were settled at \$11,037,928 prior to 31 December 2016.

(c) Available-for-sale financial assets of \$65,933, \$79,962 and \$89,089 as of 30 June 2017, 31 December 2016 and 30 June 2016, respectively, were pledged to other parties as collateral for business reserves and guarantees.

### (7) Held-to-maturity financial assets - net

	2017.06.30	2016.12.31	2016.06.30
Short-term bills	\$7,726,583	\$5,422,099	\$-
Bonds	35,107,287	42,516,765	44,096,251
Net balance	\$42,833,870	\$47,938,864	\$44,096,251

(a) As of 30 June 2017, certain held-to-maturity financial assets were sold under repurchase agreements with notional amounts of \$36,818,986. Such repurchase agreements amounting to \$27,287,415 were posted to the "Securities sold under agreements to repurchase" account on the consolidated balance sheet. Repurchase agreements entered prior to 30 June 2017 were settled at \$27,345,906 prior to 31 July 2017.

As of 31 December 2016, certain held-to-maturity financial assets were sold under repurchase agreements with notional amounts of \$40,499,233. Such repurchase agreements amounting to \$31,066,277 were posted to the "Securities sold under agreements to repurchase" account on the consolidated balance sheet. Repurchase agreements entered prior to 31 December 2016 were settled at \$31,129,794 prior to 31 March 2017.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

As of 30 June 2016, certain held-to-maturity financial assets were sold under repurchase agreements with notional amounts of \$39,928,687. Such repurchase agreements amounting to \$32,402,270 were posted to the "Securities sold under agreements to repurchase" account on the consolidated balance sheet. Repurchase agreements entered prior to 30 June 2016 were settled at \$32,422,459 prior to 31 July 2016.

(b) Held-to-maturity financial assets of \$591,503, \$2,361,157 and \$2,373,244 as of 30 June 2017, 31 December 2016 and 30 June 2016, respectively, were pledged to other parties as collateral of business reserves and guarantees.

### (8) <u>Investments accounted for using the equity method – net</u>

	2017.06.30		2016.12.31		2016.0	06.30
	Carrying	% of	Carrying	% of	Carrying	% of
	value	ownership	value	ownership	value	ownership
Investment in subsidiaries						
Seaward Card Co., Ltd.	\$38,904	100.00	\$39,793	100.00	\$38,979	100.00
Investment in associates						
Taiwan Real-estate Management Corp.	98,570	30.15	98,066	30.15	93,492	30.15
Taiwan Finance Corp.	1,637,367	24.57	1,570,490	24.57	1,599,137	24.57
Subtotal	1,735,937		1,668,556		1,692,629	
Total	\$1,774,841		\$1,708,349		\$1,731,608	

(a) The shares of the subsidiaries and associates that the Bank invested in are not publicly traded. The subsidiaries and associates are not significantly restricted in term of ability to transfer funds to the investors in the form of cash dividends, repayment of loans or advances.

# (b) Investment in the associates.

The Bank's investment in the associates are not significant. The carrying amount of investments in associates accounted for using the equity method amounted to \$1,735,937, \$1,668,556 and \$1,692,629, as of 30 June 2017, 31 December 2016 and 30 June 2016, respectively. The aggregate financial information of the Bank's investment in the associates is as follows:

	2017.04.01-	2016.04.01-
	2017.06.30	2016.06.30
Profit from continuing operations	\$26,439	\$25,127
Other comprehensive income (post-tax)	10,057	11,158
Total comprehensive income	36,496	36,285

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

	2017.01.01-	2016.01.01-
	2017.06.30	2016.06.30
Profit from continuing operations	\$51,370	\$50,499
Other comprehensive income (post-tax)	16,011	34,272
Total comprehensive income	67,381	84,771

No investment in the associates had contingent liabilities or capital commitments and were pledged as of 30 June 2017, 31 December 2016 and 30 June 2016.

- (c) The share of the profit or loss of these associates and joint ventures accounted for using the equity method, which were recognized based on the investees' unaudited financial statements, amounted to losses \$82, losses \$247, gains \$505 and losses \$496 for the three-month periods ended 30 June 2017 and 2016, and six-month periods ended 30 June 2017 and 2016, respectively, and the share of other comprehensive income of these associates and joint ventures accounted for using the equity method amounted to gains and losses are both \$0 for the six-month periods ended 30 June 2017 and 2016. The carrying amounts of investments accounted for using equity method were \$98,570 and \$93,492 as at 30 June 2017 and 30 June 2016, respectively.
- (d) Selling all shares of the Seaward Card Co., Ltd. to the Symphox Information Co., Ltd. was resolved by the Bank's board of directors on 29 June 2017. The Bank's board of directors authorized the Chairman to handle the follow-up matters.

The Bank received \$46,800 by selling the share of the Seaward Card Co., Ltd. at price \$15.6 per share on 21 July 2017.

(9) <u>Investments in debt securities with no active market – net</u>

	2017.06.30	2016.12.31	2016.06.30
Short-term bills	\$318,690,000	\$316,050,000	\$401,855,000
Bonds	78,600,140	81,425,008	35,025,530
Net balance	\$397,290,140	\$397,475,008	\$436,880,530

- (a) Impairment assessment of investments in debt securities with no active market assets above, please refer to Note 12. (7).
- (b) As of 30 June 2017, certain investments in debt securities with no active market assets were sold under repurchase agreement with notional amounts of \$8,826,463. Such repurchase agreements amounting to \$4,345,799 was posted to the "Securities sold under agreements to repurchase" account on the consolidated balance sheets. Repurchase agreements entered prior to 30 June 2017 were settled at \$4,356,519 prior to 31 July 2017.

As of 31 December 2016, certain investments in debt securities with no active market assets were sold under repurchase agreement with notional amounts of \$5,543,771. Such repurchase agreements amounting to \$3,217,750 was posted to the "Securities sold under agreements to repurchase" account on the consolidated balance sheets. Repurchase agreements entered prior to 31 December 2016 were settled at \$3,222,577 prior to 31 January 2017.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

C. \$63,800,000 of certificates of deposit as of 30 June 2017, 31 December 2016 and 30 June 2016, were pledged to other parties as collateral for business reserves and guarantees.

# (10) Property and equipment - net

							Construction	
							in progress and	
			Office	Transportation	Leasehold	Other	prepayment	
	Land	Buildings	equipment	equipment	improvements	equipment	for equipment	Total
Cost:								
2016.01.01	\$15,585,503	\$10,586,827	\$4,805,453	\$121,179	\$28,582	\$7,187,169	\$631,611	\$38,946,324
Additions	-	-	129,556	2,277	1,402	134,808	236,877	504,920
Transfers	-	(46,125)	14,943	235	68,149	122,483	(329,458)	(169,773)
Disposals	-	-	(322,634)	(6,639)	-	(17,415)	(92)	(346,780)
Exchange differences	(3,382)	(7,942)	(57,654)	(2,540)	(2,208)	(7,758)	(5,187)	(86,671)
2016.06.30	\$15,582,121	\$10,532,760	\$4,569,664	\$114,512	\$95,925	\$7,419,287	\$533,751	\$38,848,020
2017.01.01	\$15,582,091	\$10,554,198	\$4,011,829	\$116,086	\$118,508	7,469,582	\$558,127	\$38,410,421
Additions	-	-	63,998	1,000	3,604	75,708	228,469	372,779
Transfers	-	43	530	2,717	(50)	71,384	(95,674)	(21,050)
Disposals	-	-	(126,182)	(2,952)	(2,944)	(178,206)	-	(310,284)
Exchange differences	(7,991)	(20,435)	(28,921)	(6,384)	(6,768)	(9,799)	(4,271)	(84,569)
2017.06.30	\$15,574,100	\$10,533,806	\$3,921,254	\$110,467	\$112,350	\$7,428,669	\$686,651	\$38,367,297
Depreciations and impairments:								
2016.01.01	\$-	\$3,849,887	\$4,026,752	\$82,711	\$16,750	\$5,748,721	\$-	\$13,724,821
Depreciation	-	112,488	162,343	4,580	4,426	205,805	-	489,642
Transfers	-	(1,533)	(890)	(997)	-	(1,900)	-	(5,320)
Disposals	-	-	(322,634)	(6,101)	-	(15,998)	-	(344,733)
Reclassification	-	(39,166)	-	-	39,166	-	-	-
Exchange differences	-	5,874	(47,647)	(1,018)	(942)	20,797	_	(22,936)
2016.06.30	\$-	\$3,927,550	\$3,817,924	\$79,175	\$59,400	\$5,957,425	\$-	\$13,841,474
2017.01.01	\$-	\$4,036,824	\$3,271,890	\$77,598	\$57,583	\$6,068,114	\$-	\$13,512,009
Depreciation	-	110,274	146,045	4,642	6,884	209,983	-	477,828
Transfers	-	(166)	(126)	-	(50)	-	,-	(342)
Disposals	-	-	(123,823)	(2,952)	(2,944)	(164,993)	-	(294,712)
Exchange differences	-	(4,966)	(20,575)	(4,206)	(1,361)	(4,121)		(35,229)
2017.06.30	\$-	\$4,141,966	\$3,273,411	\$75,082	\$60,112	\$6,108,983	\$-	\$13,659,554
Net carrying amount:								
2017.06.30	\$15,574,100	\$6,391,840	\$647,843	\$35,385	\$52,238	\$1,319,686	\$686,651	\$24,707,743
2016.12.31	\$15,582,091	\$6,517,374	\$739,939	\$38,488	\$60,925	\$1,401,468	\$558,127	\$24,898,412
2016.06.30	\$15,582,121	\$6,605,210	\$751,740	\$35,337	\$36,525	\$1,461,862	\$533,751	\$25,006,546

Components of building that have different useful lives are main building structure, air conditioning units and elevators, which are depreciated over five years to sixty years.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

# (11) Investment properties - net

	Land	Buildings	Total
Carrying Value:			
2016.01.01	\$1,535,360	\$99,889	\$1,635,249
Losses arising from changes in the fair value	(16,941)	(5,149)	(22,090)
2016.06.30	\$1,518,419	\$94,740	\$1,613,159
2017.01.01	\$1,466,409	\$88,191	\$1,554,600
Losses arising from changes in the fair value	(35,146)	(2,724)	(37,870)
2017.06.30	\$1,431,263	\$85,467	\$1,516,730
		2017.04.01-	2016.04.01-
	_	2017.06.30	2016.06.30
Rental income from investment property		\$-	\$-
Less: Direct operating expenses from investm	ent property		
not generating rental income	_	(663)	(880)
Total	_	\$(663)	\$(880)
		2017.01.01-	2016.01.01-
	_	2017.06.30	2016.06.30
Rental income from investment property		\$-	\$-
Less: Direct operating expenses from investm	ent property		
not generating rental income	_	(934)	(1,046)
Total	=	\$(934)	\$(1,046)

- (a) As of 30 June 2017, 31 December 2016 and 30 June 2016, no investment property was pledged.
- (b) The Bank appointed appraisers from CCIS Valuation and Professional Services (Ching-Sheng Huang) to evaluate the fair value of investment property based on the "Regulations on Real Estate Appraisal" on 30 June 2017, 31 December 2016 and 30 June 2016, and consult the appraisers to review the validity of the original valuation report, the fair value is still valid on 30 June 2017, 31 December 2016 and 30 June 2016.

Fair value has been supported by observable evidences in the market. The appraisal approaches used are mainly the income approach (such as discounted cash flow model and direct capitalization approach), sales comparison approach and cost approach, etc.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

a. Office building has market liquidity and their rent levels are more comparable with similar items from the same neighborhood. The fair value has been determined by comparison approach and income approach.

Net rental income is based on the current market practices, assuming an annual rent increase of between 0% to 1.5% to extrapolate the total income of the underlying property, excluding losses as a result of idle and other reasons and related operation costs.

According to the ROC Real Estate Appraisers Association Gazette No.5, the house tax is determined based on the reference tables of current house values assessed for each city/county to estimate the total current house value assessed. House tax is calculated based on the tax rates provided by the House Tax Act and the actual payment date.

Land value tax is calculated by evaluating the announced land value in the future through changes in the announced land values of underlying property in the past few years and the actual land tax paid.

The replacement allowance is calculated renovation cost based on 15% construction cost, presume the useful life of 20 years, according to the ROC Real Estate Appraisers Association Gazette No.5, the replacement allowance is based on 0.5% to 1.5% of construction or building cost.

The main parameters are as follows:

	2017.06.30	2016.12.31	2016.06.30
Direct capitalization rate	1.60% - 2.95%	1.60% - 2.75%	1.31% - 3.09%
Overall capital interest rate	0.84% - 2.76%	0.84% - 2.23%	1.65% - 2.02%

b. Being restricted by law, with lower development efficiency and without significant changes in the market recently, the fair value of land in hillside conservation zones, farming and pasturable land and land in scenic has been determined mainly by land development analysis approach and comparison approach.

	2017.06.30	2016.12.31	2016.06.30
Rate of return	25% - 30%	25% - 30%	30%
Overall capital interest rate	4.99% - 17.11%	4.99% - 16.98%	18.08%

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

# (12) <u>Intangible assets - net</u>

		Computer		
	Goodwill	software	Others	Total
Cost:				
2016.01.01	\$7,022,604	\$1,815,330	\$1,384	\$8,839,318
Additions-acquired separately	-	160,047	-	160,047
Disposals	-	(374,004)	-	(374,004)
Transfers	-	155,735	16,810	172,545
Exchange differences	(8,245)	(3,562)	(33)	(11,840)
2016.06.30	\$7,014,359	\$1,753,546	\$18,161	\$8,786,066
2017.01.01	\$7,014,285	\$1,843,629	\$8,257	\$8,866,171
Additions-acquired separately	-	96,880	9,154	106,034
Disposals	-	(32,135)	-	(32,135)
Transfers	-	31,087	-	31,087
Exchange differences	(19,481)	(8,604)	(451)	(28,536)
2017.06.30	\$6,994,804	\$1,930,857	\$16,960	\$8,942,621
Amortization and impairment:				
2016.01.01	\$-	\$1,259,680	\$-	\$1,259,680
Amortization	-	107,197	-	107,197
Disposals	-	(374,004)	-	(374,004)
Exchange differences		(2,470)	_	(2,470)
2016.06.30	\$-	\$990,403	\$-	\$990,403
2017.01.01	<del></del>	\$1,045,165	\$-	\$1,045,165
Amortization	-	127,391	_	127,391
Disposals	-	(32,135)	_	(32,135)
Exchange differences		(5,327)		(5,327)
2017.06.30	\$-	\$1,135,094	\$-	\$1,135,094
Net carrying amount:				
2017.06.30	\$6,994,804	\$795,763	\$16,960	\$7,807,527
2016.12.31	\$7,014,285	\$798,464	\$8,257	\$7,821,006
2016.06.30	\$7,014,359	\$763,143	\$18,161	\$7,795,663
	, ,	, =	,	, ,

Impairment testing of goodwill:

# (a) Key assumptions used in value in use calculations:

The recoverable amount of the unit has been determined based on a value in use calculation, using cash flow projections based on financial budgets approved by the management of the Bank covering a five-year period.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

(b) The calculation of value in use for the unit is most sensitive to the following assumptions:

### a. Discount rates

Discount rates reflect the current market assessment of the risks specific to the unit. Discount rates are calculated by the Capital Assets Pricing Model (CAPM).

b. Projected growth rates, used to extrapolate cash flows beyond the budget period:

Assumptions are based on published industry research.

# (c) Sensitivity to changes in assumptions:

The Bank believes that reasonable possible changes in key assumptions used to determine the recoverable amount segments will not result in an impairment of goodwill.

### (13) Other assets - net

	2017.06.30	2016.12.31	2016.06.30
Prepayment	\$1,447,766	\$1,165,913	\$1,213,885
Temporary payments	945,593	2,362,178	2,590,264
Interbank settlement fund	3,131,500	5,300,005	3,275,161
Refundable deposits, net	18,354,244	27,604,939	24,979,797
Operating deposits, net	720,571	687,805	687,999
Foreclosed properties, net	-	-	55,953
Others	135,929	101,971	99,422
Total	\$24,735,603	\$37,222,811	\$32,902,481

As of 30 June 2017, 31 December 2016 and 30 June 2016, the amounts of land use rights of \$457,827, \$485,627 and \$398,052 were recognized under prepayment, respectively.

### (14) Due to the Central Bank and call loans from banks

	2017.06.30	2016.12.31	2016.06.30
Due to commercial banks	\$14,610,031	\$12,491,685	\$12,950,886
Due to Post Co., Ltd.	18,941,447	18,889,713	18,881,130
Overdrafts from banks	487,589	1,407,329	4,129,581
Call loans from banks	41,148,480	44,705,068	34,631,167
Total	\$75,187,547	\$77,493,795	\$70,592,764

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

# (15) Financial liabilities at fair value through profit or loss

	2017.06.30	2016.12.31	2016.06.30
Financial liabilities designated at fair value			
through profit or loss:			
Bonds	\$45,827,657	\$39,491,908	\$42,427,363
Financial liabilities held for trading:			
Bonds	302,262	-	-
Derivative financial instruments	33,891,379	48,645,076	46,237,842
Total	\$80,021,298	\$88,136,984	\$88,665,205

The Bank was authorized to issue subordinated financial debentures amounting to US\$990 million in September 2014. The Bank issued subordinated financial debentures amounting to US\$660 million with a fixed interest rate of 5.10% (perpetual) and US\$330 million (fifteen-year) with a fixed interest rate of 4.00% on 8 October 2014, respectively, and the interest is payable annually. The Bank was authorized to redeem the US\$660 million bonds at its book value after 12 year by fulfilling the said conditions.

The Bank was authorized to issue unsubordinated financial debentures amounting to US\$180 million (thirty-year) on 30 March 2015. Except redeeming debentures by exercising the call option, the debentures are not payable until maturity, and are issued in the form of zero-coupon bonds with an internal rate of return of 4.20%.

The Bank was authorized to issue unsubordinated financial debentures amounting to US\$195 million (thirty-year) on 11 April 2017. Except redeeming debentures by exercising the call option, the debentures are not payable until maturity, and are issued in the form of zero-coupon bonds with an internal rate of return of 4.30%.

### (16) Payables

	2017.06.30	2016.12.31	2016.06.30
Accounts payable	\$3,536,303	\$7,770,115	\$2,597,629
Interest payable	2,995,314	3,102,831	2,601,270
Accrued expenses	4,735,840	6,301,996	4,359,705
Acceptance	1,147,261	1,048,958	1,339,699
Tax payable	333,740	326,827	322,183
Receipts under custody	322,680	450,511	302,028
Dividends payable	10,814,972	-	10,518,798
Others	10,496,308	5,000,607	4,329,915
Total	\$34,382,418	\$24,001,845	\$26,371,227

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

# (17) <u>Deposits and remittances</u>

	2017.06.30	2016.12.31	2016.06.30
Check deposits	\$12,218,261	\$15,485,908	\$13,410,914
Demand deposits	477,357,225	446,127,135	419,891,099
Demand savings deposits	775,696,179	765,842,523	712,287,172
Time deposits	410,328,350	422,483,187	404,941,204
Negotiable certificates of deposit	3,407,000	3,554,400	4,262,100
Time savings deposits	372,866,442	377,702,458	384,675,961
Outward remittances	776,774	554,713	759,776
Remittances payable	1,097,044	849,464	1,578,799
Total	\$2,053,747,275	\$2,032,599,788	\$1,941,807,025

### (18) Financial debentures payable

	2017.06.30	2016.12.31	2016.06.30
Subordinated financial debentures	\$63,350,000	\$51,900,000	\$51,900,000

The Bank issued an eight-year subordinated financial debentures totaling \$3,650,000 with a stated interest rate of 2.42% in June 2009, and the interest is payable quarterly. The Bank had redeemed all these debentures in June 2017.

The Bank issued a ten-year subordinated financial debentures totaling \$1,500,000 with a stated interest rate of 2.60% in July 2009, and the interest is payable quarterly.

The Bank issued a seven-year subordinated financial debentures totaling \$3,850,000 with a stated interest rate of 1.65% in March 2011, and the interest is payable quarterly.

The Bank issued a ten-year subordinated financial debentures totaling \$1,500,000 with a stated interest rate of 1.72% in March 2011, and the interest is payable quarterly.

The Bank issued a seven-year subordinated financial debentures totaling \$3,900,000 with a stated interest rate of 1.65% in June 2011, and the interest is payable quarterly.

The Bank issued a ten-year subordinated financial debentures totaling \$2,500,000 with a stated interest rate of 1.72% in June 2011, and the interest is payable quarterly.

The Bank issued a seven-year subordinated financial debentures totaling \$200,000 with a stated interest rate of 1.48% in June 2012, and the interest is payable annually.

The Bank issued a ten-year subordinated financial debentures totaling \$4,200,000 with a stated interest rate of 1.65% in June 2012, and the interest is payable annually.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

The Bank issued a ten-year subordinated financial debentures totaling \$5,600,000 with a stated interest rate of 1.65% in August 2012, and the interest is payable annually.

The Bank issued a seven-year subordinated financial debentures totaling \$100,000 with a stated interest rate of 1.55% in April 2013, and the interest is payable annually.

The Bank issued a ten-year subordinated financial debentures totaling \$9,900,000 with a stated interest rate of 1.70% in April 2013, and the interest is payable annually.

The Bank issued a seven-year subordinated financial debentures totaling \$3,000,000 with a stated interest rate of 1.70% in May 2014, and the interest is payable annually.

The Bank issued a ten-year subordinated financial debentures totaling \$12,000,000 with a stated interest rate of 1.85% in May 2014, and the interest is payable annually.

The Bank issued a seven-year subordinated financial debentures totaling \$2,400,000 with a stated interest rate of 1.50% in April 2017, and the interest is payable annually.

The Bank issued a ten-year subordinated financial debentures totaling \$12,700,000 with a stated interest rate of 1.85% in April 2017, and the interest is payable annually.

Each subordinated financial debenture has a lower priority claim on assets and income than other debts. That is, its principal and interest are repayable only after more senior debt with higher priority has been satisfied. These subordinated financial debentures are, however, senior to common stock.

### (19) Other financial liabilities

		2017.06.30	2016.12.31	2016.06.30
	Principal received from the sale of			
	structured products	\$59,837,717	\$61,566,809	\$65,432,880
(20)	<u>Provisions</u>			
		2017.06.30	2016.12.31	2016.06.30
	Reserve for employee benefits			
	<ul> <li>Defined benefits plan</li> </ul>	\$2,324,580	\$2,377,078	\$2,355,696
	Reserve for employee benefits			
	<ul> <li>Preferential interest rate deposits</li> </ul>	569,106	576,083	598,565
	Reserve for losses on guarantees	67,350	73,181	75,971
	Other operating reserve	29,322	27,622	30,645
	Total	\$2,990,358	\$3,053,964	\$3,060,877

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

	Addition	
2017.01.01	(Reversal)	2017.06.30
\$2,377,078	\$(52,498)	\$2,324,580
576,083	(6,977)	569,106
73,181	(5,831)	67,350
27,622	1,700	29,322
\$3,053,964	\$(63,606)	\$2,990,358
	<u> </u>	
	Addition	
2016.01.01	(Reversal)	2016.06.30
		_
\$2,462,781	\$(107,085)	\$2,355,696
605,038	(6,473)	598,565
104,895	(28,924)	75,971
26,316	4,329	30,645
\$3,199,030	\$(138,153)	\$3,060,877
	\$2,377,078  576,083 73,181 27,622 \$3,053,964  2016.01.01  \$2,462,781  605,038 104,895 26,316	2017.01.01 (Reversal)  \$2,377,078 \$(52,498)  576,083 (6,977) 73,181 (5,831) 27,622 1,700  \$3,053,964 \$(63,606)  Addition (Reversal)  \$2,462,781 \$(107,085)  605,038 (6,473) 104,895 (28,924) 26,316 4,329

## (21) Post-employment benefits

# Defined contribution plan

Expenses under the defined contribution plan for the three-month periods ended 30 June 2017 and 2016, and for six-month periods ended 30 June 2017 and 2016 were \$82,446, \$75,171, \$162,424 and \$147,056, respectively, and recorded as "Employee benefits expenses".

### Defined benefit plan

Expenses under the defined benefit plan for the for the three-month periods ended 30 June 2017 and 2016, and for six-month periods ended 30 June 2017 and 2016 were \$50,763, \$46,808, \$104,791 and \$101,777, respectively, and recorded as "Employee benefits expenses".

### Employee preferential interest rate deposits plan

Expenses under preferential interest rate deposits plan for the three-month periods ended 30 June 2017 and 2016, and for six-month periods ended 30 June 2017 and 2016 were \$79,850, \$79,217, \$161,184 and \$158,849, respectively, and recorded as "Employee benefits expenses".

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

### (22) Other liabilities

	2017.06.30	2016.12.31	2016.06.30
Unearned receipts	\$512,823	\$411,292	\$276,188
Temporary receipts	2,175,086	3,090,841	1,450,573
Guarantee deposits received	4,617,307	4,296,304	5,784,436
Deferred income	1,843,376	1,480,301	1,669,385
Others		10,129	471,081
Total	\$9,148,592	\$9,288,867	\$9,651,663

### (23) Capital Stock

As of 30 June 2017, 31 December 2016 and 30 June 2016, the Bank had issued outstanding capital stock of \$78,604,060, \$72,099,815 and \$69,479,605 divided into 7,860,406, 7,209,981 and 6,947,961 thousand common shares, respectively, with par value \$10 per share.

Issuance of common stock for cash by 535,643 thousand common shares was resolved by the Bank's board of directors (according to the Company Act, the board of directors acted on behalf of the Bank's shareholders) on 27 April 2017. The recapitalization was approved by the Financial Supervisory commission and the recapitalization record date was 13 June 2017. The Bank approved that issue price is \$28 per share on April 2017. The authorized share capital amounted to \$77,456,243 after recapitalization

The recapitalization of undistributed earnings of \$1,147,816 divided into 114,782 thousand common shares was resolved by the Bank's board of directors (according to the Company Act, the board of directors acted on behalf of the Bank's shareholders) on 27 April 2017. The recapitalization was approved by the Financial Supervisory commission and the recapitalization record date was 29 June 2017. The authorized share capital amounted to \$78,604,060 after recapitalization.

The recapitalization of undistributed earnings of \$2,620,210 was resolved by the Bank's board of directors (according to the Company Act, the board of directors acted on behalf of the Bank's shareholders) on 28 April 2016. The recapitalization was approved by the Financial Supervisory commission and the recapitalization record date was 11 July 2016. The authorized share capital amounted to \$72,099,815 after recapitalization.

### (24) <u>Capital surplus</u>

	2017.06.30	2016.12.31	2016.06.30
Capital surplus from the merger Bank	\$10,949,303	\$10,949,303	\$10,949,303
Additional paid-in capital	22,648,873	13,007,302	13,007,302
Others	12,807	12,807	12,807
Total	\$33,610,983	\$23,969,412	\$23,969,412

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

# (25) Retained earnings

- (a) The Bank's original articles of incorporation provide that its annual net income shall be appropriated after paying all outstanding taxes and deducting any deficit of prior years and distributed in the following order:
  - a. Legal reserve shall be set aside before the total amount of the legal reserve reaches the amount of paid-in capital;
  - b. Special reserves;
  - c. Regular dividends; and
  - d. The remainder, if any, shall be distributed and appropriated as follows: extra dividends: 85%, employees' special bonus: 15%.

However, according to the addition of Article 235-1 of the Company Act announced on 20 May 2015, the Company shall provide a fixed amount or percentage or the actual profit for a year to be distributed as "employee remuneration", after deducting and setting aside an amount equal to the cumulative losses (in any).

On 28 April 2016, the Bank's amended articles of incorporation provide that its annual net income shall be appropriated after paying all outstanding taxes and deducting any deficit of prior years, distributed in the following order, and subsequently formulate a draft for the distribution and appropriation:

- a. Legal reserve shall be set aside before the total amount of the legal reserve reaches the amount of paid-in capital;
- b. Special reserves;
- (b) The Company Act provides that the Bank must retain part of its annual net income as legal reserve, and cash dividend declaration, if any, should not exceed the limit of 15% of paid-in capital until such retention of legal reserve reaches the amount of paid-in capital. The legal reserve may be used at any time to offset the accumulated deficit, if any. Once the legal reserve reaches 25% of the paid-in capital, the portion of legal reserve which exceeds 25% of the paid-in capital may be distributed by issuing new shares or by cash.
- (c) Accounting to Order No. Financial-Supervisory-Securities-Corporate-10310000140 and Financial-Supervisory-Securities-Corporate-1030006415, on the first-time adoption of fair value model for investment properties subsequent measurement, the Bank shall set aside an equal amount of special reserve with transfer the fair value increment of investment properties to retained earnings. After transferring the fair value increment of investment properties to retained earnings, if the Bank could not set aside the enough amount to special reserve, the Bank could only set aside the amount according to the retained earnings balance, and the special reserve that is not enough to be set aside would not be counted in the accumulated fair value increment of investment properties.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

When the Bank adopts the fair value model for investment properties subsequent measurement, the Bank shall set aside an equal to amount of special reserve when transfer the fair value increment of investment properties.

For any subsequent reversal of accumulated fair value increment of investment properties or disposal of investment properties, the amount reversed may be distributed.

The Bank has reversed special reserve of investment properties to retained earnings during six-month periods ended 30 June 2017 and 2016 as results of the use, disposal or reclassification of related assets in the amounts set out below:

	Investment		
	properties	Others	Total
2016.01.01	\$1,643,528	\$271,009	\$1,914,537
Reversal of special reserve	(21,869)		(21,869)
2016.06.30	\$1,621,659	\$271,009	\$1,892,668
2017.01.01	\$1,621,659	\$271,009	\$1,892,668
Appropriation of special reserve	-	86,060	86,060
Reversal of special reserve	(1,365)		(1,365)
2017.06.30	\$1,620,294	\$357,069	\$1,977,363

(d) On 27 April 2017 and 28 April 2016, the following are appropriations and distribution approved by the Bank's board of directors (according to the Company Act, the board of directors acted on behalf of the Bank's shareholders) and resolved as follows:

	2016		201	5
		Dividend		Dividend
	Amount	per share	Amount	per share
Appropriation of legal reserves	\$5,164,217	\$-	\$5,585,874	\$-
Appropriation (reversal) of				
special reserves	84,695	-	(21,869)	-
Distribution of cash dividends	10,814,972	1.50	10,421,940	1.50
Distribution of stock dividends	1,147,816	0.16	2,620,210	0.38

Please refer to Note 6.(32) for further details on employees' compensation and remuneration to directors and supervisors.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

# (26) <u>Unrealized gains (losses) on available-for-sale financial assets</u>

		2017.01.01- 2017.06.30	2016.01.01- 2016.06.30
	Beginning balance	\$468,952	\$3,052,854
	Unrealized gains (losses) on available-for-sale financial assets	1,520,553	312,604
	Income tax of unrealized gains (losses) on available-for-sale	(16,550)	119,953
	financial assets	, , ,	,
	Share of unrealized gains (losses) on available-for-sale financial		
	assets of associates accounted for using the equity method	124,532	34,082
	Ending balance	\$2,097,487	\$3,519,493
	- -		
(27)	Non-controlling interests		
		2017.01.01-	2016.01.01-
		2017.06.30	2016.06.30
	Beginning balance	\$3,877,157	\$3,760,901
	Net income attributable to non-controlling interests	222,814	142,612
	Other comprehensive income attributable to non-controlling	,	,
	interests		
	Exchange differences resulting from translating the		
	financial statements of a foreign operation	(112,862)	(90,830)
	Unrealized gains (losses) on available-for-sale financial assets	(540)	(189)
	Change in non-controlling interests		(96,859)
	Ending balance	\$3,986,569	\$3,715,635
(28)	Net interest income		
		2017.04.01-	2016.04.01-
		2017.06.30	2016.06.30
	Interest income	<b>*=</b> 0.40 0.7 4	<b>. </b>
	Discounts and loans	\$7,948,956	\$6,917,436
	Factoring receivable	10,607	20,560
	Due from banks and call loans to banks	284,968	388,232
	Securities	2,524,690	1,951,396
	Credit cards	527,287	490,283
	Others	99,073	43,579
	Subtotal	11,395,581	9,811,486
	Interest expense	Φ2 020 7.12	Φ2 072 210
	Deposits	\$2,830,742	\$2,873,218
	Due to Central Bank and other banks	59,001	58,416
	Funds borrowed from the Central Bank and banks	212,587	46,695
	Structured products	408,719	396,914
	Financial debentures	282,332	231,875
	Others	194,467	83,824
	Subtotal Not interest in come	3,987,848	3,690,942
	Net interest income	\$7,407,733	\$6,120,544

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

		2015 01 01	201 ( 01 01
		2017.01.01-	2016.01.01-
		2017.06.30	2016.06.30
	Interest income:		
	Discounts and loans	\$15,509,488	\$13,737,031
	Factoring receivable	22,869	65,345
	Due from banks and call loans to banks	509,476	987,233
	Securities	5,011,401	3,968,258
	Credit cards	1,047,100	980,025
	Others	200,045	83,566
	Subtotal	22,300,379	19,821,458
	Interest expense:		
	Deposits	5,629,313	5,828,317
	Due to Central Bank and other banks	110,040	119,530
	Funds borrowed from the Central Bank and banks	382,827	79,987
	Structured products	837,705	794,231
	Financial debentures	512,021	463,483
	Others	387,996	205,363
	Subtotal	7,859,902	7,490,911
	Net fee income	\$14,440,477	\$12,330,547
(20)			
(29)	Net fee income		
		2017.04.01-	2016.04.01-
		2017.06.30	2016.06.30
	Fee income:		
	Trust business	\$656,582	\$436,393
	Cross-selling marketing	1,515,725	1,991,870
	Credit card business	1,382,879	1,214,179
	Loan business	300,938	296,863
	Others	449,606	433,496
	Subtotal	4,305,730	4,372,801
	Fee expense:		
	Credit card business	512,065	480,996
	Others	224,658	211,873
	Subtotal	736,723	692,869
	Net fee income	\$3,569,007	\$3,679,932

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

	2017.01.01- 2017.06.30	2016.01.01- 2016.06.30
Fee income:		
Trust business	\$1,257,416	\$876,285
Cross-selling marketing	3,543,265	4,487,570
Credit card business	2,685,630	2,336,910
Loan business	575,471	737,621
Others	878,022	880,059
Subtotal	8,939,804	9,318,445
Fee expense:		
Credit card business	1,072,762	939,878
Others	448,142	396,280
Subtotal	1,520,904	1,336,158
Net fee income	\$7,418,900	\$7,982,287

### (30) Gains (losses) on financial assets and liabilities at fair value through profit or loss

Stock         \$27,612         \$36,197           Short-term bills         122,830         246,822           Funds         -         2,168           Bonds         47,058         (1,209,852)           Derivative financial instruments         1,323,032         1,886,180           Total         \$1,520,532         \$961,515           Stock         \$44,568         \$67,928           Short-term bills         273,649         439,460           Funds         (1,307)         9,648           Bonds         254,403         (3,523,979)           Derivative financial instruments         2,044,519         4,895,805           Total         \$2,615,832         \$1,888,862		2017.04.01- 2017.06.30	2016.04.01- 2016.06.30
Funds       -       2,168         Bonds       47,058       (1,209,852)         Derivative financial instruments       1,323,032       1,886,180         Total       \$1,520,532       \$961,515         2017.01.01- 2016.01.01- 2017.06.30         Stock       \$44,568       \$67,928         Short-term bills       273,649       439,460         Funds       (1,307)       9,648         Bonds       254,403       (3,523,979)         Derivative financial instruments       2,044,519       4,895,805	Stock		
Bonds         47,058         (1,209,852)           Derivative financial instruments         1,323,032         1,886,180           Total         \$1,520,532         \$961,515           2017.01.01-         2016.01.01-           2017.06.30         2016.06.30           Stock         \$44,568         \$67,928           Short-term bills         273,649         439,460           Funds         (1,307)         9,648           Bonds         254,403         (3,523,979)           Derivative financial instruments         2,044,519         4,895,805	Short-term bills	122,830	246,822
Derivative financial instruments         1,323,032         1,886,180           Total         \$1,520,532         \$961,515           2017.01.01-         2016.01.01-           2017.06.30         2016.06.30           Stock         \$44,568         \$67,928           Short-term bills         273,649         439,460           Funds         (1,307)         9,648           Bonds         254,403         (3,523,979)           Derivative financial instruments         2,044,519         4,895,805	Funds	-	2,168
Total         \$1,520,532         \$961,515           2017.01.01- 2017.06.30         2016.01.01- 2017.06.30           Stock         \$44,568         \$67,928           Short-term bills         273,649         439,460           Funds         (1,307)         9,648           Bonds         254,403         (3,523,979)           Derivative financial instruments         2,044,519         4,895,805	Bonds	47,058	(1,209,852)
Stock         \$44,568         \$67,928           Short-term bills         273,649         439,460           Funds         (1,307)         9,648           Bonds         254,403         (3,523,979)           Derivative financial instruments         2,044,519         4,895,805	Derivative financial instruments	1,323,032	1,886,180
Stock         \$44,568         \$67,928           Short-term bills         273,649         439,460           Funds         (1,307)         9,648           Bonds         254,403         (3,523,979)           Derivative financial instruments         2,044,519         4,895,805	Total	\$1,520,532	\$961,515
Stock         \$44,568         \$67,928           Short-term bills         273,649         439,460           Funds         (1,307)         9,648           Bonds         254,403         (3,523,979)           Derivative financial instruments         2,044,519         4,895,805			
Stock         \$44,568         \$67,928           Short-term bills         273,649         439,460           Funds         (1,307)         9,648           Bonds         254,403         (3,523,979)           Derivative financial instruments         2,044,519         4,895,805		2017.01.01-	2016.01.01-
Short-term bills       273,649       439,460         Funds       (1,307)       9,648         Bonds       254,403       (3,523,979)         Derivative financial instruments       2,044,519       4,895,805		2017.06.30	2016.06.30
Funds       (1,307)       9,648         Bonds       254,403       (3,523,979)         Derivative financial instruments       2,044,519       4,895,805	Stock	\$44,568	\$67,928
Bonds         254,403         (3,523,979)           Derivative financial instruments         2,044,519         4,895,805	Short-term bills	273,649	439,460
Derivative financial instruments 2,044,519 4,895,805	Funds	(1,307)	9,648
	Bonds	254,403	(3,523,979)
Total \$2,615,832 \$1,888,862	Derivative financial instruments	2,044,519	4,895,805
	Total	\$2,615,832	\$1,888,862

Realized gains or losses on financial assets and liabilities at fair value through profit or loss include interest income \$540,371, \$281,079, \$837,558, and \$550,458, dividends income \$6,399, \$0, \$6,399, and \$0, interest expense \$420,786, \$428,459, \$809,702 and \$866,975, and gains or losses on disposal of financial assets or liabilities at fair value through profit or loss were gains \$736,323, \$11,136, \$1,917,056 and \$1,122,423, gains or loss on evaluation of financial assets or liabilities at fair value through profit or loss were gain \$658,225, \$1,097,759, \$664,521 and \$1,082,956, and net gains were \$1,520,532, \$961,515, \$2,615,832 and \$1,888,862 for the three-month periods ended 30 June 2017 and 2016, and for six-month periods ended 30 June 2017 and 2016, respectively.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

# (31) Net other net non-interest income

		2017.04.01-	2016.04.01-
		2017.06.30	2016.06.30
	Income from Securities underwriting	\$22,381	\$35,597
	Rental income from operating assets	63,207	60,609
	Gain on disposal of property transactions	2,321	6
	Loss from retirement of properties and equipment	(13,305)	(784)
	Loss on valuation of investment properties	(37,870)	(22,090)
	Others	218,524	125,164
	Total	\$255,258	\$198,502
		2017.01.01-	2016.01.01-
		2017.06.30	2016.06.30
	Income from Securities underwriting	\$48,450	\$77,577
	Rental income from operating assets	126,683	122,136
	Gain on disposal of property transactions	2,319	689
	Loss from retirement of properties and equipment	(15,552)	(1,417)
	Loss on valuation of investment properties	(37,870)	(22,090)
	Others	413,579	582,279
	Total	\$537,609	\$759,174
(32)	Employee benefits expenses		
		2017.04.01-	2016.04.01-
		2017.06.30	2016.06.30
	Salary	\$2,631,236	\$2,484,962
	Insurance	223,417	209,760
	Post-employment benefit	154,470	143,920
	Others	168,173	160,945
	Total	\$3,177,296	\$2,999,587
		2017.01.01-	2016.01.01-
		2017.06.30	2016.06.30
	Salary	\$5,214,298	\$4,904,650
	Insurance	445,133	415,840
	Post-employment benefit	311,166	294,259
	Others	336,474	321,124
	Total	\$6,307,071	\$5,935,873

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

A resolution was passed at a Board of Directors meeting of the Bank held on 28 April 2016 to amend the Articles of Incorporation of the Company. According to the resolution, 0.05% of profit of the current year is distributable as employees' compensation. However, the Bank's accumulated losses shall have been covered. The Bank may, by a resolution adopted by a majority vote at a meeting of Board of Directors attended by two-thirds of the total number of directors, have the profit distributable as employees' compensation in the form of shares or in cash; and in addition thereto a report of such distribution is submitted to the shareholders' meeting. The Article of Incorporation has been amended in the shareholders' meeting by the Bank's board of directors (according to the Company Act, the board of directors acted on behalf of the Bank's shareholders) in 28 April 2016. Information on the Board of Directors' resolution regarding the employees' compensation and remuneration to directors and supervisors can be obtained from the "Market Observation Post System" on the website of the TWSE.

Based on profit of current year, the Bank estimated the amounts of the employees' compensation for the six-month periods ended 30 June 2017 to be 0.05 % of profit of current year, recognized as employee benefits expense. The estimation of employee bonus and remuneration of directors for the six-month periods ended 30 June 2017 and 2016 were \$5,537 and \$5,291 recognized as salary expense. The actual amount of payments resolved at the next year shareholders' meeting might differ from the estimation mentioned above and the difference, if any, will be recognized as income or expense in the next year.

A resolution was passed at a Board of Directors meeting held on 8 March 2017 to distribute \$9,639 in cash as employees' compensation. No material differences exist between the estimated amount and the actual distribution of the employee bonuses for the year ended 31 December 2016.

A resolution was passed at a Board of Directors meeting held on 17 March 2016 to distribute \$10,513 in cash as employees' compensation. No material differences exist between the estimated amount and the actual distribution of the employee bonuses for the year ended 31 December 2015.

As of 30 June 2017 and 2016, the Bank and subsidiaries employed 11,105 and 10,672 employees, respectively.

### (33) <u>Depreciation and amortization expenses</u>

	2017.04.01-	2016.04.01-
	2017.06.30	2016.06.30
Depreciation expenses - property and equipment	\$238,554	\$246,595
Amortization expenses - intangible assets	63,862	53,536
Total	\$302,416	\$300,131

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

		2017.01.01-	2016.01.01-
		2017.06.30	2016.06.30
	Depreciation expenses - property and equipment	\$477,828	\$489,642
	Amortization expenses - intangible assets	127,391	107,197
	Total	\$605,219	\$596,839
(34)	Other general and administrative expenses		
		2017.04.01-	2016.04.01-
		2017.06.30	2016.06.30
	Rental expenses	\$517,082	\$440,052
	Business promotion expenses	259,816	412,082
	Product promotion expenses	557,265	420,965
	Insurance expenses	163,217	151,968
	Tax expenses	496,386	719,599
	Others	1,053,581	1,046,722
	Total	\$3,047,347	\$3,191,388
		2017.01.01-	2016.01.01-
		2017.06.30	2016.06.30
	Rental expenses	\$980,168	\$847,982
	Business promotion expenses	656,465	780,190
	Product promotion expenses	1,092,249	818,800
	Insurance expenses	327,790	304,547
	Tax expenses	980,987	1,285,977
	Others	2,126,939	2,086,676
	Total	\$6,164,598	\$6,124,172

# (35) Components of other comprehensive income

# 2017.04.01-2017.06.30

		Reclassification	Other		Other
	Arising during	adjustment	comprehensive	Income tax benefit	comprehensive
	the period	during the period	income	(expense)	income, net of tax
Not to be reclassified to profit or loss:					
Change of designated financial liabilities at fair value	\$(1,020,305)	\$-	\$(1,020,305)	\$173,452	\$(846,853)
through profit or loss resulting from credit risk	\$(1,020,303)	φ-	\$(1,020,303)	\$173,432	\$(840,833)
To be classified to profit of loss:					
Exchange differences resulting from translating the	315,954		315,954	(51,498)	264,456
financial statement of a foreign operation	313,934	-	313,934	(31,498)	204,430
Unrealized gains (losses) on available-for-sale financial	1,286,026	(726,053)	559,973	16,784	576,757
assets	1,200,020	(720,033)	337,713	10,764	370,737
Share of other comprehensive income of associates and					
joint ventures accounted for using the equity method	10,057		10,057		10,057
Total	\$591,732	\$(726,053)	\$(134,321)	\$138,738	\$4,417

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

# 2016.04.01-2016.06.30

		Reclassification	Other		Other
	Arising during	adjustment	comprehensive	Income tax benefit	comprehensive
	the period	during the period	income	(expense)	income, net of tax
Not to be reclassified to profit or loss:					
Change of designated financial liabilities at fair value					
through profit or loss resulting from credit risk	\$(49,127)	\$-	\$(49,127)	\$8,352	\$(40,775)
To be classified to profit of loss:					
Exchange differences resulting from translating the					
financial statement of a foreign operation	138,434	-	138,434	(23,536)	114,898
Unrealized gains (losses) on available-for-sale financial					
assets	1,342,918	(641,499)	701,419	(15,886)	685,533
Share of other comprehensive income of associates and					
joint ventures accounted for using the equity method	11,158		11,158		11,158
Total	\$1,443,383	\$(641,499)	\$801,884	\$(31,070)	\$770,814
	<u> </u>		· · · · · · · · · · · · · · · · · · ·		

# $\underline{2017.01.01\text{-}2017.06.30}$

		Reclassification	Other		Other
	Arising during	adjustment	comprehensive	Income tax benefit	comprehensive
	the period	during the period	income	(expense)	income, net of tax
Not to be reclassified to profit or loss:					
Change of designated financial liabilities at fair value					
through profit or loss resulting from credit risk	\$(1,265,243)	\$-	\$(1,265,243)	\$215,091	\$(1,050,152)
To be classified to profit of loss:					
Exchange differences resulting from translating the	(1,520,550)		(1,520,550)	220,766	(1,299,784)
financial statement of a foreign operation	(1,320,330)	-	(1,320,330)	220,700	(1,299,784)
Unrealized gains (losses) on available-for-sale financial	2.676.154	(938,558)	1.737.596	(16,550)	1,721,046
assets	2,070,134	(938,338)	1,737,390	(10,330)	1,721,040
Share of other comprehensive income of associates and					
joint ventures accounted for using the equity method	16,011	-	16,011		16,011
Total	\$(93,628)	\$(938,558)	\$(1,032,186)	\$419,307	\$(612,879)

# 2016.01.01-2016.06.30

		Reclassification	Other		Other
	Arising during	adjustment	comprehensive	Income tax benefit	comprehensive
	the period	during the period	income	(expense)	income, net of tax
Not to be reclassified to profit or loss:					
Change of designated financial liabilities at fair value					
through profit or loss resulting from credit risk	\$899,447	\$-	\$899,447	\$(152,906)	\$746,541
To be classified to profit of loss:					
Exchange differences resulting from translating the					
financial statement of a foreign operation	(618,216)	-	(618,216)	89,656	(528,560)
Unrealized gains (losses) on available-for-sale financial					
assets	2,074,823	(1,762,598)	312,225	119,953	432,178
Share of other comprehensive income of associates and					
joint ventures accounted for using the equity method	34,272		34,272		34,272
Total	\$2,390,326	\$(1,762,598)	\$627,728	\$56,703	\$684,431
		·			

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

### (36) Income tax

- (a) Under a directive issued by the Ministry of Finance (MOF), a financial holding company and its domestic subsidiaries that hold over 90% of shares issued by the financial holding company for 12 months within the same tax year may choose to adopt the consolidated income tax return for income tax filings. Additional tax and tax receivable resulting from the consolidated income tax return are recorded in the account of consolidated income tax return payable or receivable.
- (b) The major components of income tax expense are as follows:

# Income tax (expense) income recognized in profit or loss

	2017.04.01- 2017.06.30	2016.04.01- 2016.06.30
Current income tax (expense) income:  Current income tax charge	\$(643,688)	\$6,518
Adjustments in respect of current income tax of prior periods  Deferred tax (expense) income:	(114,750)	105,837
Deferred tax (expense) income relating to origination		
and reversal of temporary differences	(562)	(467,355)
Income tax of overseas subsidiaries	(89,087)	(25,537)
Income tax expense	\$(848,087)	\$(380,537)
	2017.01.01-	2016.01.01-
	2017.06.30	2016.06.30
Current income tax (expense) income:  Current income tax charge	\$(1,307,080)	\$(896,321)
Adjustments in respect of current income tax of prior periods	(114,556)	287,939
Deferred tax (expense) income:  Deferred tax (expense) income relating to origination		
and reversal of temporary differences	5,636	(497,618)
Income tax of overseas subsidiaries	(136,143)	(70,443)
Income tax expense	\$(1,552,143)	\$(1,176,443)
Income tax relating to components of other comprehensive	e income	
	2017.04.01- 2017.06.30	2016.04.01- 2016.06.30
Deferred tax (expense) income:		
Changes of designated financial liabilities at fair value through profit or loss resulting from credit risk	\$173,452	\$8,352
Exchange differences resulting from translating the financial statements of a foreign operation	(51,498)	(23,536)
Unrealized gains (losses) on available-for-sale financial assets	16,784	(15,886)
Income tax relating to components of other comprehensive income	\$138,738	\$(31,070)

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

	2017.01.01-	2016.01.01-
	2017.06.30	2016.06.30
Deferred tax (expense) income:		
Changes of designated financial liabilities at fair value		
through profit or loss resulting from credit risk	\$215,091	\$(152,906)
Exchange differences resulting from translating the		
financial statements of a foreign operation	220,766	89,656
Unrealized gains (losses) on available-for-sale financial		
assets	(16,550)	119,953
Income tax relating to components of other		
comprehensive income	\$419,307	\$56,703
•		

### (c) Imputation credit information

	2017.06.30	2016.12.31	2016.06.30
Balances of imputation credit amount	\$40,661	\$145,703	\$58,255

The expected creditable ratio for 2016 and the actual creditable ratio for 2015 were 0.66% and 0.17%, respectively.

The Bank's earnings generated in the year ended 31 December 1997 and prior years have been fully appropriated. As of 30 June 2017, the undistributed earnings amounted to \$10,498,130 arose from earnings in 1998 and thereafter.

#### (d) The assessment of income tax returns

As of 30 June 2017, the assessment of the income tax returns of the Bank is as follows:

	The assessment of income tax returns
The Bank	Assessed and approved up to 2011

In 2009, the income tax return had been assessed; however, the Bank has invoked the administrative remedy to cases about goodwill amortization from merging Lucky Bank and China United Trust & Investment Corp and employee benefit of that year.

In 2010, the income tax return had been assessed; however, the Bank has invoked the administrative remedy to cases about employee benefit of that year.

In 2011, the income tax return had been assessed.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

### (37) Earnings per share

Basic earnings per share are calculated by dividing net profit for the year attributable to ordinary equity holders of the parent entity by the weighted average number of ordinary shares outstanding during the year.

2017.04.01-	2016.04.01-
2017.06.30	2016.06.30
\$5,607,736	\$3,715,601
7,430,714	7,324,763
\$0.75	\$0.51
2017.01.01-	2016.01.01-
2017.06.30	2016.06.30
\$10,498,130	\$9,304,724
7,378,031	7,324,763
\$1.42	\$1.27
	2017.06.30 \$5,607,736 7,430,714 \$0.75 2017.01.01- 2017.06.30 \$10,498,130 7,378,031

The Group adopts Cash-settled share-based payment transactions. Therefore, the amount of weighted average outstanding shares is unaffected. There is no need to calculate the diluted earnings per share.

Issuance of common stock for cash by 535,643 thousand common shares was resolved by the Bank's board of directors (according to the Company Act, the board of directors acted on behalf of the Bank's shareholders) on 27 April 2017. The recapitalization was approved by the Financial Supervisory Commission and the recapitalization record date was 13 June 2017. The approved issue price is \$28 per share on April 2017. The authorized share capital amounted to \$77,456,243 after recapitalization

The recapitalization of undistributed earnings of \$1,147,816 divided into 114,782 thousand common shares was resolved by the Bank's board of directors (according to the Company Act, the board of directors acted on behalf of the Bank's shareholders) on 27 April 2017. The recapitalization was approved by the Financial Supervisory Commission and the recapitalization record date was 29 June 2017. The authorized share capital amounted to \$78,604,060 after recapitalization.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

The recapitalization of undistributed earnings of \$2,620,210 was resolved by the Bank's board of directors (according to the Company Act, the board of directors acted on behalf of the Bank's shareholders) on 28 April 2016. The recapitalization was approved by the Financial Supervisory Commission and the recapitalization record date was 11 July 2016. The authorized share capital amounted to \$72,099,815 after recapitalization.

The recapitalization mentioned above were adjusted retrospectively the calculation of the current and previous periods in accordance with IAS 33 "Earnings per Share".

There have been no other transactions involving ordinary shares or potential ordinary shares between the reporting date and the date of completion of financial statements.

## 7. Related parties transactions

## Related parties and relationships

Related parties	Relationships
Cathay Financial Holding Co., Ltd.	Parent Company
Seaward Card Co., Ltd.	Subsidiary
Taiwan Real-estate Management Corp.	Accociate
Taiwan Finance Corp.	Accociate
Cathay Life Insurance Co., Ltd.	Other related party
Cathay Century Insurance Co., Ltd.	Other related party
Cathay Securities Corp.	Other related party
Cathay Securities (Hong Kong) Co.,Ltd.	Other related party
Cathay Venture Inc.	Other related party
Cathay Securities Investment Trust Co., Ltd.	Other related party
Cathay Securities Investment Consulting Co., Ltd.	Other related party
Conning Asia Pacific Ltd.	Other related party
Cathay Life Insurance (Vietnam) Co., Ltd.	Other related party
Cathay Insurance (Vietnam) Co., Ltd.	Other related party
Cathay Futures Co., Ltd.	Other related party
Symphox Information Co., Ltd.	Other related party
Tien-Tai energy Corp.	Other related party
Cathay Dragon Fund etc.	Other related party
Vietinbank	Other related party
Cathay Real Estate Development Co., Ltd.	Other related party
Lin Yuan Property Management and Maintenance Co., Ltd.	Other related party
Cathay Hospitality Management Co., Ltd.	Other related party
Liang Ting Industrial Company	Other related party
Others	Other related party

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

## Significant transactions with the related parties are summarized as follows:

## (1) (a) Loans and Deposits

	2017.0	06.30	2016.12.31		2016.06.30	
		% of		% of		% of
Accounts/Related parties	Amount	Account	Amount	Account	Amount	Account
Loans						-
Associates						
Taiwan Real-estate Management Corp.	\$35,000	_	\$35,000	_	\$3,000	
Other related parties						
Cathay Real Estate Development Co., Ltd.	-	-	-	-	20,000	-
Tien-Tai energy Corp.	91,947	0.01%	96,131	0.01%	100,314	0.01%
Liang Ting Industrial Company	27,547	-	28,225	-	43,940	-
Others	1,509,607	0.11%	1,384,358	0.10%	1,326,507	0.11%
Subtotal	1,629,101	0.12%	1,508,714	0.11%	1,490,761	0.12%
Total	\$1,664,101	0.12%	\$1,543,714	0.11%	\$1,493,761	0.12%
					•	-
	2017.0		2016.1		2016.0	
		% of		% of		% of
Accounts/Related parties	Amount	Account	Amount	Account	Amount	Account
<u>Deposits</u>						
Parent company						
Cathay Financial Holding Co., Ltd.	\$345,616	0.02%	\$198,101	0.01%	\$711,024	0.04%
Other related parties						
Cathay Life Insurance Co., Ltd.	21,666,690	1.06%	26,758,316	1.32%	21,109,360	1.09%
Cathay Century Insurance Co., Ltd.	1,642,278	0.08%	1,400,324	0.07%	1,319,975	0.07%
Cathay Securities Corp.	2,708,790	0.13%	2,320,198	0.11%	2,727,901	0.14%
Cathay Securities (Hong Kong) Co., Ltd.	67	-	74	-	74	-
Cathay Futures Co., Ltd.	1,121,189	0.06%	1,364,251	0.07%	1,769,252	0.09%
Cathay Venture Inc.	10,330	-	36,161	-	51,458	-
Cathay Securities Investment Trust Co., Ltd.	150,245	0.01%	168,566	0.01%	171,797	0.01%
Cathay Securities Investment Consulting						
Co., Ltd.	97,223	_	101,398	0.01%	72,782	<u>-</u>
Cathay Real Estate Development Co., Ltd.		0.01%	466,369	0.02%	205,902	0.01%
Cathay Hospitality Management Co., Ltd.	72,203	-	3,018	-	3,475	-
Cathay Life Insurance (Vietnam) Co., Ltd.		_	55,198	_	8,380	<u>-</u>
Cathay Insurance (Vietnam) Co., Ltd.	146,377	0.01%	225,719	0.01%	199,303	0.01%
Cathay Dragon Fund etc.	115,493	0.01%	21,461	-	138,987	0.01%
Symphox Information Co., Ltd.	103,202	0.01%	94,865	-	150,269	0.01%
Conning Asia Pacific Ltd.	31,036		129,781	0.01%	91,606	
Others	14,954,382	0.73%	12,897,581	0.64%	13,812,831	0.71%
Subtotal	42,949,635	2.11%	46,043,280	2.27%	41,833,352	2.15%
Total	\$43,295,251	2.13%	\$46,241,381	2.28%	\$42,544,376	2.19%

Note: Cathay Conning Asset Management Ltd. has been renamed as Conning Asia Pacific Ltd. on 18 April 2016.

	Interest Income			
	2017.04.01-	2016.04.01-	2017.01.01-	2016.01.01-
Accounts/Related parties	2017.06.30	2016.06.30	2017.06.30	2016.06.30
Loans				
Associates				
Taiwan Real-estate Management Corp.	\$157	\$15	\$311	\$15
Other related parties				
Cathay Real Estate Development Co., Ltd.	1	6	2	12
Tien-Tai energy Corp.	740	830	1,489	1,695
Liang Ting Industrial Company	117	200	234	406
Others	5,091	6,681	11,480	12,209
Subtotal	5,949	7,717	13,205	14,322
Total	\$6,106	\$7,732	\$13,516	\$14,337
•				
		Interest	Expense	
	2017.04.01-	2016.04.01-	2017.01.01-	2016.01.01-
Accounts/Related parties	2017.06.30	2016.06.30	2017.06.30	2016.06.30
<u>Deposits</u>				
Parent company				
Cathay Financial Holding Co., Ltd.	\$(70)	\$(147)	\$(127)	\$(297)
Other related parties				
Cathay Life Insurance Co., Ltd.	(6,355)	(4,923)	(11,780)	(9,999)
Cathay Century Insurance Co., Ltd.	(1,769)	(1,870)	(3,490)	(3,800)
Cathay Securities Corp.	(1,028)	(1,089)	(1,889)	(2,119)
Cathay Futures Corp.	(2,540)	(4,375)	(5,506)	(9,727)
Cathay Venture Inc.	(6)	(5)	(13)	(33)
Cathay Securities Investment Trust				
Co., Ltd.	(52)	(128)	(136)	(287)
Cathay Securities Investment Consulting				
Co., Ltd.	(156)	(156)	(295)	(326)
Cathay Real Estate Development Co., Ltd.	(11)	(22)	(25)	(35)
Cathay Hospitality Management Co., Ltd.	(15)	(15)	(16)	(21)
Cathay Life Insurance (Vietnam) Co., Ltd.	(145)	(57)	(252)	(167)
Cathay Insurance (Vietnam) Co., Ltd.	(1,568)	(2,365)	(3,460)	(4,915)
Cathay Dragon Fund etc	-	(1)	-	(1)
Symphox Information Co., Ltd.	(142)	(243)	(283)	(538)
Conning Asia Pacific Ltd.	(26)	(75)	(91)	(193)
Others	(24,084)	(28,897)	(50,496)	(57,379)
Subtotal	(37,897)	(44,221)	(77,732)	(89,540)
Total	\$(37,967)	\$(44,368)	\$(77,859)	\$(89,837)

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

	Account balance					
Accounts / Related parties	2017.0	06.30 203	16.12.31	2016.06.30		
Due from commercial banks						
Other related parties						
Vietinbank	\$5,54	\$1,614 \$6	6,162,462	\$3,137,911		
Due to commercial banks						
Other related parties						
Vietinbank	5,43	5,435,258 5		590,427		
	Interest Income (Expense)					
	2017.04.01-	2016.04.01-	2017.01.01-	2016.01.01-		
Accounts / Related parties	2017.06.30	2016.06.30	2017.06.30	2016.06.30		
Due from commercial banks						
Other related parties						
Vietinbank	\$1,498	\$550	\$3,865	\$14,411		
Due to commercial banks						
Other related parties						
Vietinbank	(1,389)	(377)	(2,773)	(530)		

Transactions terms with related parties are similar to those with third parties, expect for the preferential interest rates set by the employees' interest rates on deposits and loans within prescribed limits.

## (2) Lease

2017.04.01-	2016.04.01-	
2017.06.30	2016.06.30	Payment term
\$15,633	\$15,706	Monthly
2,250	2,250	Monthly
2,479	2,274	Monthly
148,263	114,534	Monthly
5,078	5,545	Monthly
	\$15,633 2,250 2,479	2017.06.30 2016.06.30 \$15,633 \$15,706 2,250 2,250 2,479 2,274 148,263 114,534

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

	2017.01.01-	2016.01.01-	
Accounts/Related parties	2017.06.30	2016.06.30	Payment term
Rental income			
Other related parties			
Cathay Life Insurance Co., Ltd.	\$31,274	\$31,409	Monthly
Cathay Century Insurance Co., Ltd.	4,503	4,500	Monthly
Cathay Securities Corp.	5,092	4,548	Monthly
Rental expense			
Other related parties			
Cathay Life Insurance Co., Ltd.	266,795	221,267	Monthly
Cathay Real Estate Development Co., Ltd.	9,995	10,643	Monthly
•			•
Accounts/Related parties	2017.06.30	2016.12.31	2016.06.30
Refundable deposits			
Other related parties			
Cathay Life Insurance Co., Ltd.	\$153,323	\$157,492	\$122,609
Cathay Real Estate Development Co., Ltd.	4,549	4,605	4,605
Guarantee deposit received			
Cathay Life Insurance Co., Ltd.	\$15,367	\$15,455	\$15,455
Cathay Century Insurance Co., Ltd.	2,224	2,224	2,224
Cathay Securities Corp.	2,815	2,815	2,480

The rental period and the way of rent collection are in accordance with the contract. The main collection method is collected on a monthly basis and the general term is one to three years.

The lease period and the way of payment are in accordance with the contract. The main payment method is paid on a monthly basis and the general term is two to five years.

		2017.04.01-	2016.04.01-	2017.01.01-	2016.01.01-
	Accounts/Related parties	2017.06.30	2016.06.30	2017.06.30	2016.06.30
(3)	Commissions and handling fees income				
(	Other related parties				
	Cathay Life Insurance Co., Ltd.	\$1,625,076	\$2,181,316	\$3,824,867	\$4,867,333
	Cathay Century Insurance Co., Ltd.	38,762	26,776	74,874	52,219
	Cathay Securities Co., Ltd.	10,772	7,955	21,868	14,968
	Cathay Securities Investment Trust				
	Co., Ltd.	7,290	8,248	15,472	15,653
	Cathay Securities Investment				
	Consulting Co., Ltd.	4,270	3,975	9,075	8,690

Accounts/Related parties		2016.04.01- 2016.06.30		
(4) Operating expenses	2017.00.30	2010.00.30	2017.00.30	2010.00.30
Subsidiaries				
Seaward Card Co., Ltd.	\$42,917	\$44,086	\$103,105	\$105,712
Other related parties	Ψ12,917	Ψ11,000	φ105,105	Ψ103,712
Cathay Life Insurance Co., Ltd.	. 48,738	43,370	89,152	75,421
Symphox Information Co., Ltd.		102,920	340,007	219,336
Lin Yuan Property Managemen		102,720	310,007	217,550
Maintenance Co., Ltd.	2,210	2,572	4,671	4,777
Walkenance Co., Etc.	2,210	2,372	4,071	7,777
(5) <u>Insurance expenses paid</u>				
Other related parties				
Cathay Life Insurance Co., Ltd.	. \$17,972	\$17,902	\$37,713	\$36,367
Cathay Century Insurance Co.,		31,142	70,310	68,506
•				
Accounts/Related parties	2017.	06.30 201	6.12.31	2016.06.30
(6) Related party receivables for al	location of			
<u>linked-tax system</u>				
Parent Company				
Cathay Financial Holdings Co.,	Ltd. \$11	3,178	\$-	\$502,125
(7) Other receivables-cash dividends				
Other related parties	-			
Taiwan Financial Corp.		_	_	76,093
Turwan T manetar Corp.				70,055
(8) Receivables				
Other related parties				
Cathay Securities Investment Tru	ıst	3,436	2,730	2,654
(9) Related party receivables for com	nmission of			
collecting insurances				
Other related parties				
Cathay Life Insurance Co., Ltd.	42	20,914	549,934	234,103
(10) Pafundahla danasit				
(10) <u>Refundable deposit</u>				
Other related parties	-	77 605	120 274	60.010
Cathay Futures Corp.	,	77,685	120,374	69,918

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

Accounts/Related parties	2017.0	06.30 201	16.12.31	2016.06.30
(11) <u>Accrued expenses</u>		-		
Subsidiaries				
Seaward Card Co., Ltd.	2	3,404	23,361	23,418
(12) Accounts payable				
Other related parties				
Cathay Century Insurance Co., Ltd.	1	1,893	3,259	16,001
Symphox Information Co., Ltd.	11	2,942	78,383	42,335
(13) Dividends Payable				
Parent company				
Cathay Financial Holding Co., Ltd.	10,81	4,972	-	10,421,940
Other related parties				
Vietinbank		-	-	96,858
(14) Related party payables for allocation	<u>n of</u>			
linked-tax system				
Parent company				
Cathay Financial Holding Co., Ltd.		-	263,299	-
	2017.04.01-	2016.04.01-	2017.01.01-	2016.01.01-
Accounts/Related parties	2017.06.30	2016.06.30	2017.06.30	2016.06.30
(15) Key management personnel				
<u>compensation</u>				
Short-term employee benefits	\$61,522	\$63,535	\$121,730	\$109,049
Post-employment benefits	1,219	1,209	2,330	2,262
Other long-term employee benefits			45	96
Total	\$62,741	\$64,744	\$124,105	\$111,407

The key management personnel of the Group include the Chairman, Vice-Chairman, Directors, Supervisors, President and Vice-President.

## (16) Others

A. The Bank paid construction planning and design maintenance services fees to Lin Yuan Property Management and Maintenance Co., Ltd. in the amount of \$1,373, \$1,162, \$1,751 and \$7,481 during three-month periods ended 30 June 2017 and 2016, and for the sixmonth periods ended 30 June 2017 and 2016, respectively.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

B. The Bank purchased bonus points in exchange for merchandise for the Bank's customer from Symphox Information Co., Ltd. As of 30 June 2017, 31 December 2016 and 30 June 2016, the unconverted bonus points amounted to \$16,338, \$49,570 and \$17,280, respectively.

The terms of the foregoing transactions with related parties are similar to those with third parties.

Combined disclosures have been made for transactions with related parties that are under a certain percentage of the total amount of all transactions with related parties and non-related parties.

# 8. Assets pledged as security

Please refer to Note 6.

## 9. Commitments and contingencies

As of 30 June 2017, 31 December 2016 and 30 June 2016, the Group had the following commitments and contingent liabilities, which are not reflected in the consolidated financial statements:

#### (1) The Bank

#### (a) Entrusted Items and Guarantees:

	2017.06.30	2016.12.31	2016.06.30
Trust and security held for safekeeping	\$649,540,200	\$604,042,204	\$603,745,454
Travelers checks for sale	406,418	403,853	472,287
Bills for collection	42,924,141	44,988,442	47,084,958
Book-entry for government bonds and			
depository for short-term marketable			
securities under management	411,551,436	367,976,014	419,465,174
Entrusted financial management business	7,426,407	4,965,210	6,882,748
Guarantees on duties and contracts	6,539,311	7,141,798	7,422,956
Unused commercial letters of credit	3,319,618	3,741,879	3,475,842
Irrevocable loan commitments	214,690,233	182,538,242	131,058,284
Unused credit card lines commitments	542,624,977	520,529,231	484,161,054
Underwriting securities	3,200,000	-	-

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

(b) As of 30 June 2017, the Bank's significant lawsuits and proceedings are as follows:

As of 30 June 2017, the Bank is subject to a major ongoing lawsuit arising in the normal due to normal business relations. The details are elaborated below: Lee & Li, Attorneys-at-Law and SanDisk Corporation of USA alleged that the embezzlement case of Liu Wei-Chieh (an employee of Lee & Li), which occurred in October 2003 was caused by the negligence of the Bank in its operation, and the plaintiffs claimed damages from the Bank in the amount of approximately \$991,002 and \$3,090,000 separately. The case has been pending in the court since July 2007, and the Bank won favorable decisions in both first instance and second instances. Now the proceeding is still pending in the Supreme Court. The claim for damages by SanDisk is now in the process of mediation and not yet filed for legal proceedings. Both the Bank and its attorneys hold that this case will not have material adverse effect on the financial position of the Bank.

(c) According to the operating leases agreement, rentals for lease that should be paid in future are disclosed in Note 12.(8).

#### (2) <u>Indovina Bank</u>

#### (a) Entrusted Item and Guarantees:

	2017.06.30	2016.12.31	2016.06.30
Financial guarantee contracts	\$3,615,970	\$2,865,926	\$1,928,623
Unused commercial letters of credit	577,289	841,466	1,039,027

(b) According to the operating leases agreements of Indovina Bank, rentals for lease that should be paid in the future listed are as follows:

	2017.06.30	2016.12.31	2016.06.30
Not later than one year	\$35,980	\$41,800	\$39,054
Later than one year and not later than			
five years	71,741	128,388	95,390
Later than five years	22,591	33,476	28,032

## (3) CUBC Bank

## (a) Entrusted Item and Guarantees:

	2017.06.30	2016.12.31	2016.06.30
Financial guarantee contracts	\$46,850	\$63,479	\$34,959
Unused commercial letters of credit	3,289	3,223	-
Irrevocable loan commitments	774,569	546,423	606,864
Credit card line commitments	371,544	328,186	375,750
Bills for collection	_	1,442	-

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

(b) According to the operating leases agreements of CUBC Bank, rentals for lease that should be paid in the future listed are as follows:

	2017.06.30	2016.12.31	2016.06.30
Not later than one year	\$14,663	\$13,798	\$12,905
Later than one year and not later than			
five years	32,914	28,311	26,222
Later than five years	19,058	8,359	5,887

## 10. Losses due to major disasters

None.

## 11. Significant subsequent events

None

## 12. Other

## (1) <u>Disclosure of financial instruments information</u>

## (a) Information of fair value

	2017.06.30	
	Carrying value	Fair value
Financial assets		
Financial assets at fair value through profit or loss	\$216,916,461	\$216,916,461
Available-for-sale financial assets	148,845,899	148,845,899
Held-to-maturity financial assets	42,833,870	44,223,238
Investment in debt securities with no active market	397,290,140	397,638,493
Loans and receivables:		
Cash and cash equivalents (exclude cash on hand)	39,089,430	39,089,430
Due from the Central Bank and call loan to banks	131,991,151	131,991,151
Securities purchased under agreements to resell	68,697,822	68,697,822
Receivables - net	84,463,580	84,463,580
Discounts and loans - net	1,417,573,074	1,417,573,074
Other financial assets - net	5,465	5,465
Other assets - net	19,074,815	19,074,815
Subtotal	1,760,895,337	1,760,895,337
Total	\$2,566,781,707	\$2,568,519,428

2017.06.20

	2017.	.06.30
	Carrying value	Fair value
Financial liabilities		
Financial liabilities at amortized cost:		
Due to the Central Bank and call loans from banks	\$75,187,547	\$75,187,547
Securities sold under agreements to repurchase	71,301,969	71,301,969
Payables	34,382,418	34,382,418
Deposits and remittances	2,053,747,275	2,053,747,275
Financial debentures payable	63,350,000	63,350,000
Other financial liabilities	59,837,717	59,837,717
Other liabilities	4,617,307	4,617,307
Subtotal	2,362,424,233	2,362,424,233
Financial liabilities at fair value through profit or loss		
Held for trading	34,193,641	34,193,641
Designated at fair value through profit or loss	45,827,657	45,827,657
Subtotal	80,021,298	80,021,298
Total	\$2,442,445,531	\$2,442,445,531
	2016	.12.31
	Carrying value	Fair value
Financial assets		
Financial assets at fair value through profit or loss	\$199,317,591	\$199,317,591
Available-for-sale financial assets	156,153,959	156,153,959
Held-to-maturity financial assets	47,938,864	49,290,107
Investment in debt securities with no active market	397,475,008	396,848,601
Loans and receivables:		
Cash and cash equivalents (exclude cash on hand)	43,333,711	43,333,711
Due from the Central Bank and call loan to banks	71,940,935	71,940,935
Securities purchased under agreements to resell	38,139,919	38,139,919
Receivables - net	80,268,406	80,268,406
Discounts and loans - net	1,437,530,908	1,437,530,908
Other financial assets - net	3,373	3,373
Other assets - net	28,292,744	28,292,744
Other assets - net Subtotal	-	28,292,744 1,699,509,996

	2016	.12.31
	Carrying value	Fair value
Financial liabilities		
Financial liabilities at amortized cost:		
Due to the Central Bank and call loans from banks	\$77,493,795	\$77,493,795
Securities sold under agreements to repurchase	56,752,751	56,752,751
Payables	24,001,845	24,001,845
Deposits and remittances	2,032,599,788	2,032,599,788
Financial debentures payable	51,900,000	51,900,000
Other financial liabilities	61,566,809	61,566,809
Other liabilities	4,296,304	4,296,304
Subtotal	2,308,611,292	2,308,611,292
Financial liabilities at fair value through profit or loss		
Held for trading	48,645,076	48,645,076
Designated at fair value through profit or loss	39,491,908	39,491,908
Subtotal	88,136,984	88,136,984
Total	\$2,396,748,276	\$2,396,748,276
	2016	.06.30
	2016. Carrying value	.06.30  Fair value
Financial assets		
Financial assets Financial assets at fair value through profit or loss		
	Carrying value	Fair value
Financial assets at fair value through profit or loss	Carrying value \$265,969,259	Fair value \$265,969,259
Financial assets at fair value through profit or loss Available-for-sale financial assets	Carrying value \$265,969,259 103,872,380	Fair value \$265,969,259 103,872,380
Financial assets at fair value through profit or loss Available-for-sale financial assets Held-to-maturity financial assets	Carrying value \$265,969,259 103,872,380 44,096,251	Fair value \$265,969,259 103,872,380 46,294,376
Financial assets at fair value through profit or loss Available-for-sale financial assets Held-to-maturity financial assets Investment in debt securities with no active market	Carrying value \$265,969,259 103,872,380 44,096,251	Fair value \$265,969,259 103,872,380 46,294,376
Financial assets at fair value through profit or loss Available-for-sale financial assets Held-to-maturity financial assets Investment in debt securities with no active market Loans and receivables:	\$265,969,259 103,872,380 44,096,251 436,880,530	Fair value \$265,969,259 103,872,380 46,294,376 438,503,100
Financial assets at fair value through profit or loss Available-for-sale financial assets Held-to-maturity financial assets Investment in debt securities with no active market Loans and receivables: Cash and cash equivalents (exclude cash on hand)	Carrying value \$265,969,259 103,872,380 44,096,251 436,880,530 52,847,944	Fair value \$265,969,259 103,872,380 46,294,376 438,503,100 52,847,944
Financial assets at fair value through profit or loss Available-for-sale financial assets Held-to-maturity financial assets Investment in debt securities with no active market Loans and receivables:  Cash and cash equivalents (exclude cash on hand) Due from the Central Bank and call loan to banks	\$265,969,259 103,872,380 44,096,251 436,880,530 52,847,944 81,400,184	Fair value \$265,969,259 103,872,380 46,294,376 438,503,100 52,847,944 81,400,184
Financial assets at fair value through profit or loss Available-for-sale financial assets Held-to-maturity financial assets Investment in debt securities with no active market Loans and receivables:  Cash and cash equivalents (exclude cash on hand) Due from the Central Bank and call loan to banks Securities purchased under agreements to resell	\$265,969,259 103,872,380 44,096,251 436,880,530 52,847,944 81,400,184 38,812,586	Fair value \$265,969,259 103,872,380 46,294,376 438,503,100 52,847,944 81,400,184 38,812,586
Financial assets at fair value through profit or loss Available-for-sale financial assets Held-to-maturity financial assets Investment in debt securities with no active market Loans and receivables:  Cash and cash equivalents (exclude cash on hand) Due from the Central Bank and call loan to banks Securities purchased under agreements to resell Receivables - net	\$265,969,259 103,872,380 44,096,251 436,880,530 52,847,944 81,400,184 38,812,586 74,032,665	Fair value \$265,969,259 103,872,380 46,294,376 438,503,100 52,847,944 81,400,184 38,812,586 74,032,665
Financial assets at fair value through profit or loss Available-for-sale financial assets Held-to-maturity financial assets Investment in debt securities with no active market Loans and receivables: Cash and cash equivalents (exclude cash on hand) Due from the Central Bank and call loan to banks Securities purchased under agreements to resell Receivables - net Discounts and loans - net	\$265,969,259 103,872,380 44,096,251 436,880,530 52,847,944 81,400,184 38,812,586 74,032,665 1,275,703,903	Fair value \$265,969,259 103,872,380 46,294,376 438,503,100 52,847,944 81,400,184 38,812,586 74,032,665 1,275,703,903
Financial assets at fair value through profit or loss Available-for-sale financial assets Held-to-maturity financial assets Investment in debt securities with no active market Loans and receivables: Cash and cash equivalents (exclude cash on hand) Due from the Central Bank and call loan to banks Securities purchased under agreements to resell Receivables - net Discounts and loans - net Other financial assets - net	\$265,969,259 103,872,380 44,096,251 436,880,530 52,847,944 81,400,184 38,812,586 74,032,665 1,275,703,903 6,669	Fair value \$265,969,259 103,872,380 46,294,376 438,503,100 52,847,944 81,400,184 38,812,586 74,032,665 1,275,703,903 6,669

2016.06.30	
Carrying value	Fair value
\$70,592,764	\$70,592,764
42,186,204	42,186,204
26,371,227	26,371,227
1,941,807,025	1,941,807,025
51,900,000	51,900,000
65,432,880	65,432,880
5,784,436	5,784,436
2,204,074,536	2,204,074,536
46,237,842	46,237,842
42,427,363	42,427,363
88,665,205	88,665,205
\$2,292,739,741	\$2,292,739,741
	\$70,592,764 42,186,204 26,371,227 1,941,807,025 51,900,000 65,432,880 5,784,436 2,204,074,536 46,237,842 42,427,363 88,665,205

- (b) The methodologies and assumptions used by the Group to estimate the above fair value of financial instruments are summarized as follows:
  - a. The carrying value of short-term financial instruments, such as cash and cash equivalents, receivables, securities purchased under agreements to resell, securities sold under agreements to repurchase, payables, refundable deposits, guarantee deposits, borrowed funds, due from the Central Bank and call loans to banks and due to the Central Bank and call loans from banks arising in the ordinary course of business, approximate the fair value because of the relatively short period of time between their origination and expected realization.
  - b. Quoted market prices, if available, are utilized as estimates of the fair values of financial instruments at fair value through profit or loss, available-for-sale financial instruments, held-to-maturity financial assets, purchase of foreign exchange, debt instrument investment without active market and derivatives financial instruments of hedging. If no quoted market prices exist for certain financial instruments, the fair value of such instruments has been derived based on pricing models. A price model incorporates all factors that market participants would consider in setting a price. The discounted cash flow technique is used to estimate the fair value of a debt instrument where an active market does not exist. The estimates, hypotheses and discount rates for valuation refer to quoted prices, from financial instruments, of financial instruments having substantially the same terms and characteristics, including the credit quality of debtors, the remaining term over which the contractual interest rate is fixed, the remaining term to repayment of the principal, and the currency in which the payments are to be made.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

- c. Discounts and loans, deposits, financial debentures payable and principals received from the sale of structured products are classified as interest-bearing financial instruments. Thus, their carrying value is equivalent to their fair value. The face value of delinquent accounts deducted from allowance for doubtful accounts is adopted as fair value.
- d. Investments accounted for using the equity method were non-listed stocks that do not have a quoted price in an active market. The variability in the range of reasonable fair value estimates is not insignificant for that instrument and the probabilities of the various estimates within the range cannot be reasonably assessed. Since the fair value cannot be reliably measured, the carrying amount should be the reasonable basis to estimate the fair value.
- e. The fair value of financial debentures payable which designated as at fair value through profit or loss is estimated by discounting future cash flows using rates currently available for debt on similar terms and remaining maturities.
- f. If the derivatives do not have market prices available to compare, the discounted-cashflow model is applied to forward currency and interest rate swap and Black-Scholes model, Binomial Option Price model or Monte-Carlo-method are applied to option derivatives.
- g. The Bank adopts the exchange rates and market interest rates provide by Thomson Reuters' system to evaluate the fair value of forward currency, currency swap, interest rate swap and cross currency swap. The average price or closing price is used to figure the fair value of each contract.
- h. Under the assumption that the Bank will not default, the Bank determines its credit value adjustment by multiplying three factors, probability of default ("PD"), loss given default ("LGD"), and exposure at default ("EAD") of the counterparty. On the other hand, under the assumption that the counterparty will not default, the Bank calculates its debit value adjustments by multiplying three factors, PD, LGD, and EAD of the Bank.

The estimated exposure at default for current period is evaluated by considering the fair value of the derivative instruments traded at Taipei Exchange.

The Bank sets estimated LGD at 60 % for most of the counterparties, but may apply other assumptions when risk character and data are available.

The Bank has considered the adjustment of credit risk in the calculation of the fair value of financial instruments to reflect credit risk and credit quality of counterparty and the Bank, respectively.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

## (2) The fair value hierarchy information of the financial instruments

- (a) The definition of the hierarchy of the financial instruments is measured at fair value:
  - 1<sup>st</sup> Level: Quoted (unadjusted) market prices in active markets for identical assets or liabilities that the entity can access at the measurement date.
  - 2<sup>nd</sup> Level: Other techniques for which all inputs which have a significant effect on the recorded fair value are observable, either directly or indirectly.
  - 3<sup>rd</sup> Level: Techniques which use inputs which have a significant effect on the recorded fair value that are not based on observable market data.

For assets and liabilities that are recognized in the financial statement on a recurring basis, the bank determines whether transfers have occurred between levels in the hierarchy by re-assessing categorization at the end of each reporting period.

(b) The Group measures financial instruments and investment properties based on recurring basis, and assets held for sale are measured on the lower of non-recurring basis and fair value minus cost of goods sold. The Group's fair value hierarchy is described as follows:

		2017.	06.30	
Item	1st Level	2 <sup>nd</sup> Level	3 <sup>rd</sup> Level	Total
Non-derivative financial instruments				
Assets				
Financial assets at fair value through profit or loss				
Financial assets held for trading				
Stocks	\$304,828	\$-	\$-	\$304,828
Bonds	60,021,428	23,266,652	-	83,288,080
Others	-	98,828,537	-	98,828,537
Available-for-sale financial assets				
Stocks	10,864,538	779	3,476,653	14,341,970
Bonds	74,442,072	59,846,978	-	134,289,050
Others	214,879	-	-	214,879
Investment properties	-	-	1,516,730	1,516,730
<u>Liabilities</u>				
Financial liabilities at fair value through profit or loss				
Designated at fair value through profit or loss				
Bonds	-	45,827,657	-	45,827,657
Financial liabilities held for trading				
Bonds	302,262	-	-	302,262
Derivative financial instruments				
<u>Assets</u>				
Financial assets at fair value through profit or loss	32,078	22,639,016	11,823,922	34,495,016
<u>Liabilities</u>				
Financial liabilities at fair value through profit or loss	7	22,008,198	11,883,174	33,891,379

		2016.	12.31	
Item	1st Level	2 <sup>nd</sup> Level	3 <sup>rd</sup> Level	Total
Non-derivative financial instruments				
Assets				
Financial assets at fair value through profit or loss				
Financial assets held for trading				
Bonds	\$18,427,748	\$35,117,188	\$-	\$53,544,936
Others	-	93,126,341	-	93,126,341
Available-for-sale financial assets				
Stocks	8,454,576	826	3,278,958	11,734,360
Bonds	81,870,623	58,045,122	-	139,915,745
Others	3,586,499	917,355	-	4,503,854
Investment properties	-	-	1,554,600	1,554,600
<u>Liabilities</u>				
Financial liabilities at fair value through profit or loss				
Designated at fair value through profit or loss				
Bonds	-	39,491,908	-	39,491,908
Derivative financial instruments				
<u>Assets</u>				
Financial assets at fair value through profit or loss	3,137	35,020,477	17,622,700	52,646,314
<u>Liabilities</u>				
Financial liabilities at fair value through profit or loss	2,217	30,943,591	17,699,268	48,645,076
		2016.	06.30	
Item	1st Level	2 <sup>nd</sup> Level	3 <sup>rd</sup> Level	Total
Non-derivative financial instruments	1 <sup>st</sup> Level			Total
Non-derivative financial instruments <u>Assets</u>	1st Level			Total
Non-derivative financial instruments  Assets  Financial assets at fair value through profit or loss	1 <sup>st</sup> Level			Total
Non-derivative financial instruments  Assets  Financial assets at fair value through profit or loss  Financial assets held for trading		2 <sup>nd</sup> Level	3 <sup>rd</sup> Level	
Non-derivative financial instruments  Assets  Financial assets at fair value through profit or loss  Financial assets held for trading  Stocks	\$963,185	2 <sup>nd</sup> Level		\$963,185
Non-derivative financial instruments  Assets  Financial assets at fair value through profit or loss  Financial assets held for trading  Stocks  Bonds		2 <sup>nd</sup> Level \$- 38,835,224	3 <sup>rd</sup> Level	\$963,185 45,095,862
Non-derivative financial instruments  Assets  Financial assets at fair value through profit or loss  Financial assets held for trading  Stocks  Bonds  Others	\$963,185	2 <sup>nd</sup> Level	3 <sup>rd</sup> Level	\$963,185
Non-derivative financial instruments  Assets  Financial assets at fair value through profit or loss  Financial assets held for trading  Stocks  Bonds  Others  Available-for-sale financial assets	\$963,185 6,260,638	2 <sup>nd</sup> Level \$- 38,835,224 171,832,449	3 <sup>rd</sup> Level	\$963,185 45,095,862 171,832,449
Non-derivative financial instruments  Assets  Financial assets at fair value through profit or loss  Financial assets held for trading  Stocks  Bonds  Others  Available-for-sale financial assets  Stocks	\$963,185 6,260,638 - 14,501,657	2 <sup>nd</sup> Level \$- 38,835,224 171,832,449	3 <sup>rd</sup> Level	\$963,185 45,095,862 171,832,449 17,766,220
Non-derivative financial instruments  Assets  Financial assets at fair value through profit or loss  Financial assets held for trading  Stocks  Bonds  Others  Available-for-sale financial assets  Stocks  Bonds	\$963,185 6,260,638 - 14,501,657 36,532,202	\$- 38,835,224 171,832,449 826 48,250,969	3 <sup>rd</sup> Level	\$963,185 45,095,862 171,832,449 17,766,220 84,783,171
Non-derivative financial instruments  Assets  Financial assets at fair value through profit or loss  Financial assets held for trading  Stocks  Bonds  Others  Available-for-sale financial assets  Stocks  Bonds  Others	\$963,185 6,260,638 - 14,501,657	\$- 38,835,224 171,832,449 826 48,250,969	3 <sup>rd</sup> Level \$- - - 3,263,737	\$963,185 45,095,862 171,832,449 17,766,220 84,783,171 1,322,989
Non-derivative financial instruments  Assets  Financial assets at fair value through profit or loss  Financial assets held for trading  Stocks  Bonds  Others  Available-for-sale financial assets  Stocks  Bonds  Others  Investment properties	\$963,185 6,260,638 - 14,501,657 36,532,202	\$- 38,835,224 171,832,449 826 48,250,969	3 <sup>rd</sup> Level	\$963,185 45,095,862 171,832,449 17,766,220 84,783,171
Non-derivative financial instruments  Assets  Financial assets at fair value through profit or loss  Financial assets held for trading  Stocks  Bonds  Others  Available-for-sale financial assets  Stocks  Bonds  Others  Investment properties  Liabilities	\$963,185 6,260,638 - 14,501,657 36,532,202	\$- 38,835,224 171,832,449 826 48,250,969	3 <sup>rd</sup> Level \$- - - 3,263,737	\$963,185 45,095,862 171,832,449 17,766,220 84,783,171 1,322,989
Non-derivative financial instruments  Assets  Financial assets at fair value through profit or loss  Financial assets held for trading  Stocks  Bonds  Others  Available-for-sale financial assets  Stocks  Bonds  Others  Investment properties  Liabilities  Financial liabilities at fair value through profit or loss	\$963,185 6,260,638 - 14,501,657 36,532,202	\$- 38,835,224 171,832,449 826 48,250,969	3 <sup>rd</sup> Level \$- - - 3,263,737	\$963,185 45,095,862 171,832,449 17,766,220 84,783,171 1,322,989
Non-derivative financial instruments  Assets  Financial assets at fair value through profit or loss  Financial assets held for trading  Stocks  Bonds  Others  Available-for-sale financial assets  Stocks  Bonds  Others  Investment properties  Liabilities  Financial liabilities at fair value through profit or loss  Designated at fair value through profit or loss	\$963,185 6,260,638 - 14,501,657 36,532,202	2 <sup>nd</sup> Level \$- 38,835,224 171,832,449 826 48,250,969	3 <sup>rd</sup> Level \$- - - 3,263,737	\$963,185 45,095,862 171,832,449 17,766,220 84,783,171 1,322,989 1,613,159
Non-derivative financial instruments  Assets  Financial assets at fair value through profit or loss  Financial assets held for trading  Stocks  Bonds  Others  Available-for-sale financial assets  Stocks  Bonds  Others  Investment properties  Liabilities  Financial liabilities at fair value through profit or loss  Designated at fair value through profit or loss  Bonds	\$963,185 6,260,638 - 14,501,657 36,532,202	\$- 38,835,224 171,832,449 826 48,250,969	3 <sup>rd</sup> Level \$- - - 3,263,737	\$963,185 45,095,862 171,832,449 17,766,220 84,783,171 1,322,989
Non-derivative financial instruments  Assets  Financial assets at fair value through profit or loss  Financial assets held for trading  Stocks  Bonds  Others  Available-for-sale financial assets  Stocks  Bonds  Others  Investment properties  Liabilities  Financial liabilities at fair value through profit or loss  Designated at fair value through profit or loss  Bonds  Derivative financial instruments	\$963,185 6,260,638 - 14,501,657 36,532,202	2 <sup>nd</sup> Level \$- 38,835,224 171,832,449 826 48,250,969	3 <sup>rd</sup> Level \$- - - 3,263,737	\$963,185 45,095,862 171,832,449 17,766,220 84,783,171 1,322,989 1,613,159
Non-derivative financial instruments  Assets  Financial assets at fair value through profit or loss  Financial assets held for trading  Stocks  Bonds  Others  Available-for-sale financial assets  Stocks  Bonds  Others  Investment properties  Liabilities  Financial liabilities at fair value through profit or loss  Designated at fair value through profit or loss  Bonds  Derivative financial instruments  Assets	\$963,185 6,260,638 - 14,501,657 36,532,202 1,322,989	\$- 38,835,224 171,832,449 826 48,250,969 42,427,363	3 <sup>rd</sup> Level \$- - 3,263,737 - 1,613,159	\$963,185 45,095,862 171,832,449 17,766,220 84,783,171 1,322,989 1,613,159 42,427,363
Non-derivative financial instruments  Assets  Financial assets at fair value through profit or loss  Financial assets held for trading  Stocks  Bonds  Others  Available-for-sale financial assets  Stocks  Bonds  Others  Investment properties  Liabilities  Financial liabilities at fair value through profit or loss  Designated at fair value through profit or loss  Bonds  Derivative financial instruments  Assets  Financial assets at fair value through profit or loss	\$963,185 6,260,638 - 14,501,657 36,532,202	2 <sup>nd</sup> Level \$- 38,835,224 171,832,449 826 48,250,969	3 <sup>rd</sup> Level \$- - - 3,263,737	\$963,185 45,095,862 171,832,449 17,766,220 84,783,171 1,322,989 1,613,159
Non-derivative financial instruments  Assets  Financial assets at fair value through profit or loss  Financial assets held for trading  Stocks  Bonds  Others  Available-for-sale financial assets  Stocks  Bonds  Others  Investment properties  Liabilities  Financial liabilities at fair value through profit or loss  Designated at fair value through profit or loss  Bonds  Derivative financial instruments  Assets	\$963,185 6,260,638 - 14,501,657 36,532,202 1,322,989	\$- 38,835,224 171,832,449 826 48,250,969 42,427,363	3 <sup>rd</sup> Level \$- - 3,263,737 - 1,613,159	\$963,185 45,095,862 171,832,449 17,766,220 84,783,171 1,322,989 1,613,159 42,427,363

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

## Transfers between 1st Level and 2nd Level during the period

For the six-month period ended 30 June 2017, the Bank transferred government bonds designated as at fair value through profit or loss, an asset measured at fair value on a recurring basis, from 1<sup>st</sup> Level to 2<sup>nd</sup> Level. A total of \$8,431,930 was transferred as it market price was not obtainable.

For the six-month period ended 30 June 2016, the Bank transferred government bonds designated as at fair value through profit or loss, an asset measured at fair value on a recurring basis, from 1<sup>st</sup> Level to 2<sup>nd</sup> Level. A total of \$5,627,229 was transferred as it market price was not obtainable.

## Reconciliation for fair value measurements in 3<sup>rd</sup> Level for movements

Reconciliation for fair value measurements in 3<sup>rd</sup> Level of the fair value hierarchy for movements during the period is as follows:

Assets			Liabilities	
	At fair value through			At fair value through
	profit or loss	Available-for-sale	Investment	profit or loss
	Derivative	Stock	Properties	Derivatives
Beginning balances as at 1 January 2017	\$17,622,700	\$3,278,958	\$1,554,600	\$17,699,268
Total gains and losses recognized				
Amount recognized in profit or loss				
Loss on financial assets and liabilities at				
fair value through profit or loss	(6,004,630)	-	-	(6,017,716)
Loss on valuation of investment properties	-	-	(37,870)	-
Amount recognized in other comprehensive				
income				
Unrealized gains on available-for-sale				
financial assets	-	197,695	-	-
Acquisition or issues	608,409	-	-	608,409
Disposal or settlements	(402,557)	-	-	(402,557)
Effects of exchange rates changes			-	(4,230)
Ending balances as at 30 June 2017	\$11,823,922	\$3,476,653	\$1,516,730	\$11,883,174

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

Assets				Liabilities
	At fair value through			At fair value through
	profit or loss	Available-for-sale	Investment	profit or loss
	Derivative	Stock	properties	Derivatives
Beginning balances as at 1 January 2016	\$22,533,717	\$3,115,497	\$1,635,249	\$22,517,930
Total gains and losses recognized				
Amount recognized in profit or loss				
Loss on financial assets and liabilities at				
fair value through profit or loss	(2,476,125)	-	-	(2,388,394)
Loss on valuation of investment properties	-	-	(22,090)	-
Amount recognized in other comprehensive				
income				
Unrealized gains on available-for-sale				
financial assets	-	150,316	-	-
Acquisition or issues	141,236	-	-	141,236
Disposal or settlements	(1,540,650)	(2,076)	-	(1,540,650)
Effects of exchange rates changes	(121)	- -	-	(1,155)
Ending balances as at 30 June 2016	\$18,658,057	\$3,263,737	\$1,613,159	\$18,728,967

Total gains or losses recognized for six-month periods ended 30 June 2017 and 2016 in the table above contain unrealized gains and losses related to assets on hand as at 30 June 2017 and 2016 in the amount of losses \$6,042,500 and \$2,498,215, respectively.

Total gains or losses recognized for six-month periods ended 30 June 2017 and 2016 in the table above contain unrealized gains and losses related to liabilities on hand as at 30 June 2017 and 2016 in the amount of losses \$6,017,716 and \$2,388,394, respectively.

## <u>Information on 3<sup>rd</sup> Level significant unobservable inputs to valuation</u>

Description of significant unobservable inputs to valuation of recurring fair value measurements categorized within 3<sup>rd</sup> Level of the fair value hierarchy is as follows:

#### 2017.06.30

		Significant	Interval	
	Valuation techniques	unobservable inputs	(weighted average)	Relationship between inputs and fair value
Financial assets	_			
Available-for-sale				
-Stocks	Market approach	Discount for lack of	15% - 20%	The higher the discount for lack of marketability,
		marketability		the lower the fair value of the stocks
	Income approach	Cost of equity rate	6% - 7%	The higher the cost of equity rate, the lower the
				fair value of the stocks
	Value of net assets approach	Value of net assets	Not applicable	The higher the value of net assets, the higher the
				fair value of the stocks

		Significant	Interval	
	Valuation techniques	unobservable inputs	(weighted average)	Relationship between inputs and fair value
Non-Financial Assets		-		
Investment properties	Income approach and	Direct capitalization rate	1.60% - 2.95%	The higher the direct capitalization rate, the
	comparison approach			lower the fair value
	Land development analysis	Composite interest rate	0.84% - 17.11%	The higher the composite interest rate for capital
	approach and cost approach	for capital interest		interest, the lower the fair value
<u>201</u>	<u>6.12.31</u>			
		Significant	Interval	
	Valuation techniques	unobservable inputs	(weighted average)	Relationship between inputs and fair value
Financial assets		-		
Available-for-sale	<del>-</del>			
-Stocks	Market approach	Discount for lack of	15% - 20%	The higher the discount for lack of marketability,
		marketability		the lower the fair value of the stocks
	Income approach	Cost of equity rate	6% - 7%	The higher the cost of equity rate, the lower the
				fair value of the stocks
	Value of net assets approach	Value of net assets	Not applicable	The higher the value of net assets, the higher the
				fair value of the stocks
Non-Financial Assets	_			
Investment properties	Income approach and	Direct capitalization rate	1.60% - 2.75%	The higher the direct capitalization rate, the
	comparison approach			lower the fair value
	Land development analysis	Composite interest rate	0.84% - 16.98%	The higher the composite interest rate for capital
	approach and cost approach	for capital interest		interest, the lower the fair value
<u>201</u>	6.06.30			
		Significant	Interval	
	Valuation techniques	unobservable inputs	(weighted average)	Relationship between inputs and fair value
Financial assets	_			
Available-for-sale				
-Stocks	Market approach	Discount for lack of	15% - 20%	The higher the discount for lack of marketability,
		marketability		the lower the fair value of the stocks
	Income approach	Cost of equity rate	6% - 7%	The higher the cost of equity rate, the lower the
				fair value of the stocks
	Value of net assets approach	Value of net assets	Not applicable	The higher the value of net assets, the higher the
				fair value of the stocks
Non-Financial Assets	-			
Investment properties	Income approach and	Direct capitalization rate	1.31% - 3.09%	The higher the direct capitalization rate, the
	comparison approach			lower the fair value
	Land development analysis	Composite interest rate	1.65% - 18.08%	The higher the composite interest rate for capital
	approach and cost approach	for capital interest		interest, the lower the fair value

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

<u>Valuation process used for fair value measurements categorized within 3<sup>rd</sup> Level of the fair value hierarchy</u>

The Group's Risk Management Department is responsible for validating the fair value measurements and ensuring that the results of the valuation are in line with market conditions, based on independent and reliable inputs which are consistent with other information, and represent exercisable prices. The Department analyses the movements in the values of assets and liabilities which are required to be re-measured or re-assessed as per the Group's accounting policies at each reporting date.

(c) Fair value measurement hierarchy of the Bank's assets and liabilities not measured at fair value but for which the fair value is disclosed

2017.06.30	1st Level	2 <sup>st</sup> Level	3st Level	Total
Financial assets not measured at fair value but for which the fair value is disclosed:				
Financial assets held to maturity				
Bonds	\$30,065,563	\$6,402,819	\$-	\$36,468,382
Others	-	7,754,856	-	7,754,856
Debt instrument investments for which				
no active market exists				
Bonds	-	77,080,912	1,523,599	78,604,511
Others	-	319,033,982	-	319,033,982
2016.12.31	1 <sup>st</sup> Level	2 <sup>nd</sup> Level	3 <sup>rd</sup> Level	Total
Financial assets not measured at fair value but for which the fair value is disclosed: Financial assets held to maturity Bonds Others Debt instrument investments for which no active market exists Bonds Others	\$35,895,680 - - -	\$7,949,770 5,444,657 75,686,261 316,321,424	\$- - 4,840,916 -	\$43,845,450 5,444,657 80,527,177 316,321,424
2016.06.30	1 <sup>st</sup> Level	2 <sup>nd</sup> Level	3 <sup>rd</sup> Level	Total
Financial assets not measured at fair value but for which the fair value is disclosed: Financial assets held to maturity Bonds Debt instrument investments for which	\$38,669,342	\$7,625,034	\$-	\$46,294,376
no active market exists  Bonds Others	<del>-</del> -	34,089,330 402,602,460	1,811,310	35,900,640 402,602,460

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

## (3) Transfers of financial assets

## (a) Financial assets transferred that have not been fully removed

Transferred financial assets that are part of the Group daily operations that do not meet the criteria for full removal are mostly made up of debt securities used as counterparty collateral for repurchase agreements or equity securities lent out as part of securities lending agreement. The nature of these transactions are secured loans, and reflects the liability where the Bank are obligated to repurchase the transferred financial assets according to a fixed price in future periods. With respect to such transactions, the Bank will not be able to use, sell or pledge such transferred financial assets during the effective period. However the Bank is still exposed to interest rate risk and credit risk, hence they are not removed.

The following table analyses financial assets and financial liabilities that have not been fully removed:

	Transferred Financial Assets	Related Financial Liabilities	Transferred Financial Assets Fair	Related Financial Liabilities Fair	
2017.06.30	Carrying Value	Carrying value	Value	value	Net fair value
Financial assets at fair value through profit or loss					
Repurchase Agreements	\$15,512,762	\$14,557,812	\$15,249,404	\$14,557,812	\$691,592
Available for sale Financial Assets					
Repurchase Agreements	25,845,735	25,110,943	25,328,519	25,110,943	217,576
Held to Maturity Financial Assets					
Repurchase Agreements	27,378,719	27,287,415	27,378,719	27,287,415	91,304
Debt instrument investments for					
which no active market exists					
Repurchase Agreements	4,887,943	4,345,799	4,887,943	4,345,799	542,144
	Transferred	Related	Transferred	Related	
	Financial	Financial	Financial	Financial	
	Assets	Liabilities	Assets Fair	Liabilities Fair	
2016.12.31	Carrying Value	Carrying value	Value	value	Net fair value
Available for sale Financial Assets					
Repurchase Agreements	\$23,261,811	\$22,468,724	\$22,577,930	\$22,468,724	\$109,206
Held to Maturity Financial Assets					
Repurchase Agreements	31,325,346	31,066,277	31,325,346	31,066,277	259,069
Debt instrument investments for					
which no active market exists					
Repurchase Agreements	4,817,209	3,217,750	4,817,209	3,217,750	1,599,459

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

	Transferred	Related	Transferred	Related	
	Financial	Financial	Financial	Financial	
	Assets	Liabilities	Assets Fair	Liabilities Fair	
2016.06.30	Carrying Value	Carrying value	Value	value	Net fair value
Available for sale Financial Assets					
Repurchase Agreements	\$8,082,445	\$9,783,934	\$8,284,403	\$9,783,934	\$(1,499,531)
Held to Maturity Financial Assets					
Repurchase Agreements	32,432,531	32,402,270	32,325,431	32,402,270	(76,839)

## (4) Offsetting of Financial assets and liabilities

The Bank owned financial instruments that do not offset in accordance with IAS 32 but it executed enforceable master netting arrangement or other similar agreements with counterparties. Financial instruments subject to enforceable master netting arrangement or other similar agreements could be settled at net amount as chosen by the counterparties, or the financial instruments could be settled at gross amount if not. However, if one of the counterparty defaults, the other party could choose to settle the transaction at net amount.

Information related to offsetting of financial assets and financial liabilities is disclosed as follows:

2017.06.30									
Financial a	Financial assets subject to offsetting, master netting arrangement or similar agreement								
	Amount not offset in the								
	Gross amount	Gross amount	Amount	balance	sheet (d)				
	of recognized	offset in the	presented in the	Financial					
	financial assets	balance sheet	balance sheet	instruments Cash collateral Net amou					
Item	(a)	(b)	(c)= (a)- (b)	(Note)	received/pledged	(e)= (c)- (d)			
Derivative Financial Instruments	\$34,495,016	\$-	\$34,495,016	\$33,832,127	\$662,889	\$-			

2017.06.30									
Financial lia	Financial liabilities subject to offsetting, master netting arrangement or similar agreement								
Gross amount Amount not offset in the									
	of recognized	Gross amount	Amount	balance	sheet (d)				
	financial	offset in the	presented in the	Financial					
	liabilities	balance sheet	balance sheet	instruments Cash collateral Net amo					
Item	(a)	(b)	(c)= (a)- (b)	(Note)	received/pledged	(e)= (c)- (d)			
Derivative Financial Instruments	\$33,832,127	\$-	\$33,832,127	\$33,832,127	\$-	\$-			

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

2016.12.31									
Financial a	Financial assets subject to offsetting, master netting arrangement or similar agreement								
	Amount not offset in the								
	Gross amount	Gross amount	Amount	balance sheet (d)					
	of recognized	offset in the	presented in the	Financial					
	financial assets	balance sheet	balance sheet	instruments	Net amount				
Item	(a)	(b)	(c)= (a)- (b)	(Note)	received/pledged	(e)= (c)- (d)			
Derivative Financial Instruments	\$52,646,314	\$-	\$52,646,314	\$48,567,099	\$2,907,944	\$1,171,271			

2016.12.31									
Financial lia	bilities subject	to offsetting, ma	aster netting arra	angement or sin	nilar agreement				
Gross amount Amount not offset in the									
	of recognized	Gross amount	Amount	balance	sheet (d)				
	financial	offset in the	presented in the	Financial					
	liabilities balance sheet balance sheet instruments Cash collateral Net				Net amount				
Item	(a)	(b)	(c)= (a)- (b)	(Note)	received/pledged	(e)= (c)- (d)			
Derivative Financial Instruments	\$48,567,099	\$-	\$48,567,099	\$48,567,099	\$-	\$-			

2016.06.30									
Financial a	Financial assets subject to offsetting, master netting arrangement or similar agreement								
	Amount not offset in the								
	Gross amount	Gross amount	Amount	balance sheet (d)					
	of recognized	offset in the	presented in the	Financial					
	financial assets	balance sheet	balance sheet	instruments Cash collateral Net amount					
Item	(a)	(b)	(c)= (a)- (b)	(Note)	received/pledged	(e)= (c)- (d)			
Derivative Financial Instruments	\$48,071,125	\$-	\$48,071,125	\$46,159,506	\$1,911,619	\$-			

2016.06.30									
Financial lia	Financial liabilities subject to offsetting, master netting arrangement or similar agreement								
Gross amount Amount not offset in the									
	of recognized	Gross amount	Amount	balance	sheet (d)				
	financial	offset in the	presented in the	Financial					
	liabilities	balance sheet	balance sheet	instruments	Cash collateral	Net amount			
Item	(a)	(b)	(c)= (a)- (b)	(Note)	received/pledged	(e)= (c)- (d)			
Derivative Financial Instruments	\$46,159,506	\$-	\$46,159,506	\$46,159,506	\$-	\$-			

Note: Master netting arrangement and non-cash collateral are included.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

#### (5) Financial risk management

## Risk control and hedging strategy

The Bank's risk control and hedging strategy follows the requirement of customer serviceoriented banking industry and regulatory environment. In order to comply with the above requirements, the Bank adopted different risk management methods to identify its risks and the Bank followed the spirit and regulation of the "Basel Accord" to keep strengthening its assets and the practices of capital management to maintain the best capital adequacy ratio.

The Bank organized the risk management committee and its responsibilities are illustrated as below:

- A. To amend the risk management policies, risk appetite or risk tolerance and report the above issues to board of directors for approval.
- B. To manage and decide the strategy about the Bank's credit risk, market risk and operational risk management.
- C. To report the significant risk management issues, such as credit ratings, market assessment and risk indicators.
- D. To analyze the issues that the Bank's business unit brought up for discussion.
- E. Other issues.

The Bank organized a risk management group to monitor, lead, develop, and establish the integral risk management framework.

#### (6) Market risk

Market risk is the potential loss arising from adverse movements of market price, such as interest rates, foreign exchange rates and equity securities.

The Bank organized market risk management department and the committee of assets and liabilities management is responsible for monitoring the market risk management. The department and committee periodically examine the Bank's structure of assets and liabilities; plan the pricing principle of deposit and loan and financing and using scheme of medium and long term funding while executing the market risk management, the market risk management department periodically provides the related information of management and reports to the authorized managers of the Bank for the management system, such as valuating position, risk limit management, calculating of profit and loss, pricing model and risk analysis, in order to control the overall market risk.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

#### Market risk management process

#### A. Identification and measurement

The operations department and risk management department of the Bank identified the market risk factors of risk exposure position, and measured the market risk further. Market risk factors are the components that could have an impact on value of financial instrument, such as interest rates, foreign exchange rates, equity securities...etc., including position, gain and loss, the loss of stress test, sensitivity (DV01, Delta, Vega, Gamma), and Value at Risk (VaR)...etc., to measure the extent of investment portfolio that is influenced by interest risk, foreign exchange risk and equity securities.

#### B. Monitoring and reporting

The risk management department periodically reports the execution of market risk management target, position and gain/loss control, sensitivity analysis, stress test, and VaR of equity securities to the board of directors, and helps the board of directors to fully understand the status of market risk management. The Bank also establishes a clear reporting process. Each transaction has the requirements about limitation and stop-loss points. If the transaction reaches its stop-loss limitation, stop-loss process will be implemented immediately. If the stop-loss process is not implemented, the transaction department should document the reason of non-implementing stop loss process and responding plan. Furthermore, the department shall report to the executive management for approval and report to the board of directors regularly.

#### Risk management policy of the trading book

The trading book is the portfolio of financial instruments and physical investment for the purpose of trading or the hedge on the trading book. Portfolio is held for trading, which is intended to earn the profit from bid-ask spread. Any positions aside from the above trading book will be in the banking book.

#### A. Strategy

In order to control market risk effectively and ensure flexibility in operating the transaction strategy, the Bank carries out various assessment and control. The portfolio of trading book has the risk limitation of each investment portfolio which is set according to the transaction strategy, category of investment and the annual profit target.

## B. Policy and procedure

The Bank sets the "Regulation Governing of Market Risk Management" as the important regulation that should be complied with when holding trading portfolio.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

#### C. Valuation policy

If the financial instruments of trading book have market values, they should be evaluated at least once each day by the information that is from an independent source and easily accessible. If it's evaluated by a model, a mathematical model should be used prudently, and the assumptions and parameters of the valuation model should be regularly reviewed and examined.

#### D. Method of measurement

- a. The assumption and calculation of VaR: please refer to VaR section.
- b. The Bank executes the stress test monthly with the following scenarios: the fluctuation of interest rate at 100bp, equity securities at 15% and foreign exchange rate at 3%, and reports to the risk management committee regularly.

## Interest risk management of trading book

#### A. Definition of interest risk

Interest risk is the risk that the trading portfolios suffer losses or the change of its fair value which is caused by the fluctuation of interest rate. The main instruments include the securities and derivatives that relate to interest rates.

## B. Interest risk management procedure of trading book

The Bank prudently choose its investment target by studying the credibility and financial position of the securities issuers, their sovereign risk and the trend of interest rates. According to the operating strategy and the circumstances of the market, the Bank sets the transaction limit and stop-loss limit (including the limits of dealing room, traders, and investment...etc.) of the trading book that are reported to the executive management or the board of directors for approval.

#### C. Method of measurement

- a. The assumption and calculation of VaR: please refer to VaR section.
- b. The Bank measures the investment portfolio's interest risk exposure monthly.

#### Interest risk management of banking book

The main objective of interest risk management of the banking book is to enhance the interest risk management, increase the operating efficiency of the fund and strengthen the business operation.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

#### A. Strategy

Interest risk management enhances the Bank's ability take responsive actions to measure, to manage and avoid the risk that the fluctuation of interest rate may cause on the profit and the economic value of assets/liabilities.

## B. Management procedure

When undertaking the operations relating to interest rate instruments, the Bank identifies the repricing risk of interest rate, yield curve risk, basis risk and options risk characteristics. In additional, the Bank also measures the potential impact of interest rate changes on the profit and economic value of the Bank. The Bank analyzes and monitors the interest risk limits and each target of interest risk management monthly. The results of analysis and monitoring are regularly reported to not only the risk management committee but also the board of directors.

If any risk management targets is found to exceed the limit during the monitoring process, it will be reported to the risk management committee and a solution should be proposed.

#### C. Method of measurement

The interest risk of the Bank mainly measures the repricing risk that is caused by the difference between maturity date and repricing date of the assets, liabilities, and off balance sheet items in banking book. To stabilize long-term profitability and ensure business growth, the Bank sets the monitoring indicators of interest sensitivity in major terms and implements stress test. Each interest risk indicator and the result of stress test are reported to the executive management regularly for review.

### Foreign exchange risk management

#### A. Definition of foreign exchange risk

Foreign exchange risk is the gain/loss caused by two currencies exchange at different times. The Bank's foreign exchange risk arises from the derivative instruments, such as spot exchange, forward exchange and foreign exchange option...etc. The Bank's foreign exchange transactions are implemented daily to offset clients' position. Thus, the Bank suffers little foreign exchange risk.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

### B. Policy, procedure and measurement methodology of foreign exchange risk management

In order to control foreign exchange risk, the Bank sets the limits of transaction and stoploss limits for the dealing room and traders. Meanwhile, the Bank also sets the maximum annual loss limit to control the loss within the tolerable extent. Foreign exchange risk is controlled based on VaR. The assumption and calculation of VaR is described in VaR section.

For foreign exchange risk, the Bank sets the scenario at 3% fluctuation of interest rate of major currencies to execute the stress test quarterly, and reports to the risk management committee.

#### Risk management of equity securities price

#### A. Definition of risk of equity securities price

The market risk of equity securities held by the Bank includes the individual risk from the fluctuation of individual equity securities' market price and general market risk from the fluctuation of the overall price trend.

#### B. Purpose of risk management in equity securities prices

To avoid the massive fluctuation of equity securities price to worsen the Bank's financial situation or earnings. Also, to raise the operating efficiency of capital and strengthen the business operation.

#### C. Procedure of risk management of equity securities prices

The Bank sets investment limit on industries, using the  $\beta$  value to measure the investment portfolio affected by the systemic risk monthly. The stop-loss point must be authorized by the board of directors, and the equity investment should be authorized by the executives if the stop-loss point is reached but the investment is not going to be disposed of.

## D. Measure methodology

The risk of equity securities prices in trading book is mainly controlled by VaR.

The Bank's risk of equity securities prices from its non-trading portfolio should be control by each bank according to its own business scale to develop a stress test under appropriate scenarios and report to the risk management committee.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

The Bank adopts many methodologies to manage its market risk. Value-at-risk(VaR) is one of the methodologies. VaR is a statistical measure that assesses potential losses that might be caused by changes in risk factors over a specified period of time and at a specific level of statistical confidence. The Bank applies historical simulation with a statistic confidence of 99% to extrapolate the VaR of one-year fluctuations. The following form indicates the VaR which is the estimation of potential amount of loss within one day. While the statistic confidence of 99% represents the possible fluctuations that would be included in assumed adverse market changes. Base on the assumption, the VaR may exceed the amounts listed in 1 of 100 days due to the price changes in the market. The overall VaR in the market may be less than the aggregate VaR of individual market risk factors.

2017.06.30									
Factors of market risk									
Interest rate	\$1,419,274	\$2,000,760	\$707,624						
Foreign exchange	390,197	619,473	158,691						
Equity securities price	194,545	282,573	118,192						

2016.12.31									
Factors of market risk									
Interest rate	\$1,257,294	\$2,000,760	\$707,624						
Foreign exchange	460,721	619,473	309,051						
Equity securities price	227,274	534,899	118,192						

2016.06.30				
Factors of market risk	Average balance	Maximum balance	Minimum balance	
Interest rate	\$954,499	\$1,058,200	\$707,624	
Foreign exchange	467,144	564,817	395,496	
Equity securities price	284,075	534,899	131,033	

The Bank enters into a variety of derivatives transactions for both trading and non-trading purposes. The objectives in using derivative instruments are to meet customers' needs, to manage the Bank's exposure to risks and to generate revenues through trading activities. The Bank trades derivative instruments on behalf of customers and for its own positions. The Bank provides derivative contracts to address customers' demands for customized derivatives and also takes proprietary positions for its own accounts.

#### Stress testing

The stress testing is used to measure the maximum losses of risk asset portfolio under the worst scenario. The Bank's stress testing considers various types of risk factors and reporting the results will be reported to the executive management.

Stress Test				
Market/ Product	Scenarios	2017.06.30		
Cr. 1 M. 1	Major Stock Exchanges +15%	\$1,705,400		
Stock Market	Major Stock Exchanges -15%	(1,569,810)		
I de la Dela Dela Dela Dela Dela Dela Dela	Major Interest Rate + 100bp	(11,375,130)		
Interest Rate/Bond Market	Major Interest Rate - 100bp	10,997,640		
	Major Currencies +3%	4,688,780		
Foreign Exchange Market	Major Currencies -3%	(4,681,335)		
	Major Stock Exchanges -15%			
Composite	Major Interest Rate + 100bp	(8,256,160)		
	Major Currencies +3%			

Stress Test			
Market/ Product	Scenarios	2016.12.31	
Canala Maniana	Major Stock Exchanges +15%	\$1,781,090	
Stock Market	Major Stock Exchanges -15%	(1,781,090)	
I. A. D. A. D. A. M. A. A.	Major Interest Rate + 100bp	(6,797,830)	
Interest Rate/Bond Market	Major Interest Rate - 100bp	6,773,150	
	Major Currencies +3%	5,703,175	
Foreign Exchange Market	Major Currencies -3%	(5,703,175)	
	Major Stock Exchanges -15%		
Composite	mposite Major Interest Rate + 100bp		
	Major Currencies +3%		

Stress Test			
Market/ Product Scenarios		2016.06.30	
Canala Maniana	Major Stock Exchanges +15%	\$2,537,640	
Stock Market	Major Stock Exchanges -15%	(2,537,640)	
I. A. D. A. D. A. M. A. A.	Major Interest Rate + 100bp	(3,974,854)	
Interest Rate/Bond Market	Major Interest Rate - 100bp	8,432,025	
	Major Currencies +3%	3,121,899	
Foreign Exchange Market	Major Currencies -3%	(3,122,207)	
	Major Stock Exchanges -15%		
Composite	Composite Major Interest Rate + 100bp		
	Major Currencies +3%		

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

## Sensitivity analysis

#### A. Interest rate risk

Interest rate factor sensitivities (the present value of one basis point, or "PVBP") represent the change in the net present value of the interest rate derivatives portfolios caused by a parallel unit shift of 0.01% (1 basis point) in the interest rates in various yield curves affecting the portfolio. The Bank's interest rate-sensitive portfolios include bonds, interest rate swaps and structured products composed of such products.

## B. Foreign exchange risk

Foreign exchange rate factor sensitivities ("FX delta") represent the change of the foreign exchange portfolios caused by the underlying currency exchange rate fluctuation.

## C. Equity securities price risk

Equity securities price factor sensitivities ("Equity delta") represent the change of the equity securities price portfolio caused by a parallel unit shift of 1% (100 basis points) in the underlying stocks prices fluctuation. The Bank's equity portfolios include stocks and equity index options.

## Market risk factor sensitivity of the Bank

	2017.06.30	
	Sensitivity of	Sensitivity of
	profit or loss	equity
Foreign exchange rate factor sensitivity (FX Delta)		
USD+1%	\$726,736	\$1,253
HKD+1%	3,153	1,316
JPY+1%	6,288	-
AUD+1%	109,636	-
CNY+1%	359,874	9,728
Interest rate factor sensitivity (PVBP)		
Yield curves (USD) parallel shift+1bp	(24,677)	(12,120)
Yield curves (HKD) parallel shift+1bp	(8)	-
Yield curves (JPY) parallel shift+1bp	(230)	-
Yield curves (AUD) parallel shift+1bp	(604)	(992)
Yield curves (CNY) parallel shift+1bp	(4,567)	(15,866)
Equity securities price factor sensitivity (Equity Delta)		
Equity securities price factor + 1 %	-	113,266

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

	2016.	12.31
	Sensitivity of	Sensitivity of
	profit or loss	equity
Foreign exchange rate factor sensitivity (FX Delta)		
USD+1%	\$620,573	\$523
HKD+1%	3,576	1,142
JPY+1%	8,865	-
AUD+1%	86,912	-
CNY+1%	256,047	25,929
Interest rate factor sensitivity (PVBP)		
Yield curves (USD) parallel shift+1bp	(2,558)	(36,101)
Yield curves (HKD) parallel shift+1bp	(1)	(24)
Yield curves (JPY) parallel shift+1bp	(11)	(262)
Yield curves (AUD) parallel shift+1bp	-	(2,959)
Yield curves (CNY) parallel shift+1bp	(90)	(12,449)
Equity securities price factor sensitivity (Equity Delta)		
Equity securities price factor + 1%	-	118,740
	2016	06 30
		06.30 Sensitivity of
	Sensitivity of	Sensitivity of
Foreign exchange rate factor sensitivity (FX Delta)		
Foreign exchange rate factor sensitivity (FX Delta)  USD+1%	Sensitivity of profit or loss	Sensitivity of equity
USD+1%	Sensitivity of profit or loss \$646,359	Sensitivity of equity \$204
USD+1% HKD+1%	Sensitivity of profit or loss  \$646,359 3,501	Sensitivity of equity
USD+1% HKD+1% JPY+1%	Sensitivity of profit or loss  \$646,359 3,501 7,023	Sensitivity of equity \$204
USD+1% HKD+1% JPY+1% AUD+1%	\$646,359 3,501 7,023 45,800	Sensitivity of equity \$204 3,667
USD+1% HKD+1% JPY+1% AUD+1% CNY+1%	Sensitivity of profit or loss  \$646,359 3,501 7,023	Sensitivity of equity \$204
USD+1% HKD+1% JPY+1% AUD+1% CNY+1% Interest rate factor sensitivity (PVBP)	Sensitivity of profit or loss  \$646,359 3,501 7,023 45,800 188,395	\$204 3,667 - 23,200
USD+1% HKD+1% JPY+1% AUD+1% CNY+1%	\$646,359 3,501 7,023 45,800 188,395	\$204 3,667 - 23,200 (25,383)
USD+1% HKD+1% JPY+1% AUD+1% CNY+1% Interest rate factor sensitivity (PVBP) Yield curves (USD) parallel shift+1bp	Sensitivity of profit or loss  \$646,359 3,501 7,023 45,800 188,395	\$204 3,667 - 23,200
USD+1% HKD+1% JPY+1% AUD+1% CNY+1% Interest rate factor sensitivity (PVBP) Yield curves (USD) parallel shift+1bp Yield curves (HKD) parallel shift+1bp	\$646,359 3,501 7,023 45,800 188,395	\$204 3,667 - 23,200 (25,383) (40)
USD+1% HKD+1% JPY+1% AUD+1% CNY+1% Interest rate factor sensitivity (PVBP) Yield curves (USD) parallel shift+1bp Yield curves (JPY) parallel shift+1bp	\$646,359 3,501 7,023 45,800 188,395	\$204 3,667 - 23,200 (25,383) (40) (332)
USD+1% HKD+1% JPY+1% AUD+1% CNY+1% Interest rate factor sensitivity (PVBP) Yield curves (USD) parallel shift+1bp Yield curves (JPY) parallel shift+1bp Yield curves (AUD) parallel shift+1bp	Sensitivity of profit or loss  \$646,359 3,501 7,023 45,800 188,395 3,085 (3) -	\$204 3,667 - 23,200 (25,383) (40) (332) (680)
USD+1% HKD+1% JPY+1% AUD+1% CNY+1% Interest rate factor sensitivity (PVBP) Yield curves (USD) parallel shift+1bp Yield curves (JPY) parallel shift+1bp Yield curves (AUD) parallel shift+1bp Yield curves (AUD) parallel shift+1bp	Sensitivity of profit or loss  \$646,359 3,501 7,023 45,800 188,395 3,085 (3) -	\$204 3,667 - 23,200 (25,383) (40) (332) (680)

# (7) Credit risk

Credit risk represents the risk of loss that the Group would incur if counterparty fails to perform its contractual obligations.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

To centralize risk management functions currently handled by different departments, the Bank's board of directors resolved that a risk management department would be established to manage the credit risk. The objectives of a credit risk management are to improve asset quality and to generate stable profits while reducing risk through a diversified and balanced loan portfolio. The Bank's board of directors sets the counterparty credit limits, which are then implemented by the credit committee. The credit committee also monitors current and potential credit exposure to individual counterparties and on an aggregate basis to counterparties and their affiliates. The Bank performs periodic and systematic detailed reviews of its lending portfolios to identify credit risks and to assess the overall collectability of those portfolios.

The Group maintains a strict policy to evaluate customers' credit ratings when providing loan commitments and commercial letters of credit transactions. Certain customers are required to provide appropriate collateral for the related loans, and the Group retains the legal right to foreclose on or liquidate the collateral. The disclosure of the maximum credit exposure shall not take account of any collateral held or other enhancements.

The management procedure and measurement methodology of credit risk in the Bank's main business are as follows:

## Credit business (including the loan commitments and guarantees)

The category of credit asset and the grade of credit quality were narrated as follow:

#### A. Category of credit risk

The credit risk of the Bank was classified into five categories. Normal credit assets shall be classified as "Category One." The remaining unsound credit assets shall be evaluated based on the status of the loan collaterals and the length of time overdue. Assets that require special mention shall be classified as "Category Two," assets that are substandard shall be classified as "Category Three," assets that are doubtful shall be classified as "Category Four," and assets for which there is loss shall be classified as "Category Five". For managing the default credits, the Bank established the regulations governing the procedure to deal with non-performing loans, non-accrual loans and bad debts.

## B. Grade of credit quality

The Bank sets the level of credit quality based on the characteristics and scale of business (such as establishing the internal rating model of credit risk, setting the credit rating table or relevant rules to classify) to proceed with risk management.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

In order to measure the credit risk of the clients, the Bank employs the statistic methods and the professional judgment from the experts. The Bank develops the rating model of business credit after considering the clients' relevant information. The model shall be reviewed periodically to verify if the calculated results conform to the reality and revise every parameter to optimize the results.

With respect to consumer credit assets such as mortgages, credit cards, and small-amount credit loans, the Bank also evaluates default risk of clients by using the credit rating scores developed by the Bank and the external due diligence services.

The credit quality of the Bank's corporate borrowers is classified as excellent, good, and average.

To ensure the reasonable estimated values of credit rating system's design, process, and relevant risk factors, the Bank executes the relevant verification and tests the model according to the actual default every year so that the calculated results will be close to actual default.

#### Due from and call loans to other banks

The Bank evaluates the counterparties' credit quality before transactions and refers to the domestic and foreign credit rating agencies, when rendering different lines of credit based on the credit quality.

## C. Hedge of credit risk and easing policy

#### a. Collateral

The Bank adopts a series of policies to lower the credit risk, and one of the frequently-used methods is requesting borrowers to provide collaterals. To ensure the creditor's rights, the Bank sets the scope available as collaterals and the procedures of appraising, managing, and disposing the collaterals. In addition, a credit contract is in place to provide the credit claim preservation, collaterals, and offset provisions to stipulate when a credit trigger event occurs, the Bank may reduce the limit, cut down the payback period, or deem all debts mature. Also, the Bank will use the deposits that the borrowers saved in the Bank to offset the liabilities to lower the credit risk.

Other non-credit business collaterals shall depend on the characteristics of the financial instruments. Only the asset-backed securities and other similar financial instruments are secured by an asset pool of financial instruments.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

#### b. Limit of credit risk and control of credit risk concentration

To avoid the excessive risk concentration, the Bank limits the credit amounts of single counterparties and groups; the Bank also sets the investment guide and regulation of risk control of equity investment to restrict the investment limits of single person (company) or related company (group). Furthermore, the Bank establishes relevant regulations to control the concentration risk of assets, and sets the credit limits by industry, group, country, and stock types to monitor the credit concentration risk.

## c. Net settlement agreement

The Bank usually settles by the gross balance, but signs contract with some counterparties to settle by net balance. If a default happens, the Bank will terminate all transactions with the counterparty and settle by net balance in order to lower the credit risk.

## D. The Bank's maximum exposures to credit risk

Without taking into account the collateral or other credit enhancement instrument, the maximum credit risk exposure of on-balance-sheet financial assets equals their carrying values. The maximum credit risk exposure of off-balance-sheet items (without considering the collaterals or other credit enhancement is irrevocable) are as follows:

#### a. The Bank

Off belower should it among	Maximum exposure to credit risk		
Off balance sheet items	2017.06.30	2016.12.31	2016.06.30
Irrevocable loan commitments	\$214,690,233	\$182,538,242	\$131,058,284
Credit card commitments	609,343,939	584,566,895	543,474,504
Unused commercial letters of credit	3,319,618	3,741,879	3,475,842
Guarantees on duties and contracts	6,539,311	7,141,798	7,422,956
Total	\$833,893,101	\$777,988,814	\$685,431,586

#### b. Indovina Bank

Off halaman about itama	Maximum exposure to credit risk		
Off balance sheet items	2017.06.30	2016.12.31	2016.06.30
Unused commercial letters of credit	\$577,289	\$841,466	\$1,039,027
Financial guarantee contracts	3,615,970	2,865,926	1,928,623
Total	\$4,193,259	\$3,707,392	\$2,967,650

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

#### c. CUBC Bank

Off balance sheet items	Maximum exposure to credit risk						
On balance sheet items	2017.06.30	2016.12.31	2016.06.30				
Irrevocable loan commitments	\$774,569	\$546,423	\$606,864				
Credit card commitments	371,544	328,186	375,750				
Unused commercial letters of credit	3,289	3,223	-				
Financial guarantee contracts	46,850	63,479	34,959				
Total	\$1,196,252	\$941,311	\$1,017,573				

To reduce the risk from any businesses, the Bank conducts an overall assessment and takes appropriate risk reduction measures, such as obtaining collaterals and guarantors. For obtaining of collaterals, the Bank has *Collateral Management Guidelines*, to ensure that collaterals meet the specific criteria and has the effect of reducing the business risk.

The management deems the Group is able to control and minimize the credit risk exposures in off-balance-sheet items as the Group uses more strict rating procedures when extending credits and conduct reviews regularly.

## E. Credit concentration risk of the Group

When the counterparties are obviously the same party, or there are several counterparties but engaging in similar business activities and sharing similar economic characteristics, and vulnerable to the same economic impacts or other changes, the credit concentration risk is apparent.

Credit concentration risk of the Group derives from the assets, liabilities and off-balance-sheet items, and arise from performing obligations or engaging in transactions or cross-line portfolio of risk exposures including credit extension, due from and call loans to other banks, securities investment, receivables and derivatives. The Group does not significantly concentrate on a single client or counterparty, and the transaction amount with a single client or counterparty accounted for the Bank's total bills discounts and loans and overdue receivables is not significant. Discounts and loans, guarantees, bills purchased, and acceptances receivable of the Group according to industry and country are listed below:

	2017.06.3	80	2016.12.3	31	2016.06.30		
Item	Amount	%	Amount	%	Amount	%	
Industry type							
Manufacturing	\$81,118,782	5.60	\$80,057,522	5.46	\$80,311,070	6.16	
Financial institutions							
and insurance	57,090,447	3.94	52,975,202	3.61	39,727,332	3.04	
Leasing and real estate	120,989,541	8.34	115,994,786	7.90	100,176,535	7.68	
Individuals	781,729,632	53.91	726,970,977	49.52	640,641,793	49.10	
Others	409,087,923	28.21	491,942,342	33.51	443,838,239	34.02	
Total	\$1,450,016,325	100.00	\$1,467,940,829	100.00	\$1,304,694,969	100.00	

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

	2017.06.3	06.30 2016.12.31		31	2016.06.30	
Item	Amount	Amount % Amount 9		%	Amount	%
Geographic Region						
Domestic	\$1,227,409,811	84.65	\$1,262,746,943	86.02	\$1,162,739,664	89.12
Asia	121,988,511	8.41	116,804,425	7.96	71,418,128	5.47
America	28,884,139	1.99	24,369,284	1.66	21,101,751	1.62
Others	71,733,864	4.95	64,020,177	4.36	49,435,426	3.79
Total	\$1,450,016,325	100.00	\$1,467,940,829	100.00	\$1,304,694,969	100.00

## F. Credit quality analysis of the financial assets

Some of the financial assets held by the Group, such as cash and cash equivalents, due from the Central Bank and call loans to banks, financial assets at fair value through profit and loss, securities purchased under agreements to resell, refundable deposits, operating deposits and settlement fund, are excluded from this analysis since the counterparty is normally with good credit quality and is considered as low credit risk.

In addition to all of the above, the credit quality analysis of the financial assets was shown as follows:

## a. Credit quality analysis to loans and receivables of the Bank

	Neither past due nor impaired							Impairment al	llowances (D)	
								With	Without	
2017.06.30								objective	objective	
2017.00.30					Past due but			evidence of	evidence of	
				Subtotal	not impaired	Impaired	Total	impairment	impairment	Net balance
	Excellent	Good	Average	(A)	(B)	(C)	(A)+(B)+(C)	individual	individual	(A)+(B)+(C)-(D)
Receivables										
Credit card business	\$49,463,141	\$9,979,433	\$3,395,855	\$62,838,429	\$168,559	\$168,157	\$63,175,145	\$135,650	\$1,257,550	\$61,781,945
Others	21,318,196	2,385,997	53,793	23,757,986	6,541	53,842	23,818,369	20,983	1,392,743	22,404,643
Discounts and loans	923,217,332	434,404,716	29,903,212	1,387,525,260	1,181,968	17,263,042	1,405,970,270	3,510,241	17,564,614	1,384,895,415

	Neither past due nor impaired							Impairment al	lowances (D)	
								With	Without	
2016.12.31								objective	objective	
2016.12.31					Past due but			evidence of	evidence of	
				Subtotal	not impaired	Impaired	Total	impairment	impairment	Net balance
	Excellent	Good	Average	(A)	(B)	(C)	(A)+(B)+(C)	individual	individual	(A)+(B)+(C)-(D)
Receivables										
Credit card business	\$45,930,089	\$10,400,044	\$3,620,218	\$59,950,351	\$177,494	\$166,800	\$60,294,645	\$135,097	\$1,008,209	\$59,151,339
Others	18,043,437	4,588,328	84,966	22,716,731	5,583	84,087	22,806,401	49,991	2,619,510	20,136,900
Discounts and loans	929,993,249	435,476,181	40,751,762	1,406,221,192	913,366	15,811,890	1,422,946,448	3,088,327	16,597,827	1,403,260,294

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

	Neither past due nor impaired							Impairment al	llowances (D)	
								With	Without	
2016.06.30								objective	objective	
2010.00.30					Past due but			evidence of	evidence of	
				Subtotal	not impaired	Impaired	Total	impairment	impairment	Net balance
	Excellent	Good	Average	(A)	(B)	(C)	(A)+(B)+(C)	individual	individual	(A)+(B)+(C)-(D)
Receivables										
Credit card business	\$45,321,130	\$9,685,222	\$3,393,352	\$58,399,704	\$147,180	\$158,007	\$58,704,891	\$127,998	\$1,292,972	\$57,283,921
Others	15,319,901	3,029,623	152,164	18,501,688	4,460	46,303	18,552,451	17,111	2,022,873	16,512,467
Discounts and loans	880,814,614	329,697,198	37,417,443	1,247,929,255	926,922	14,711,768	1,263,567,945	3,330,830	15,372,717	1,244,864,398

# b. The credit quality analysis on neither past due nor impaired discounts and loans of the Bank

2017.06.30	Excellent	Good	Average	Total
Consumer banking				
Residential mortgage loans	\$282,922,278	\$68,294,940	\$11,039,548	\$362,256,766
Unsecured personal loans	29,164,802	16,322,454	4,611,414	50,098,670
Other	326,456,354	64,510,679	9,212,323	400,179,356
Corporate banking				
Secured	39,533,240	182,033,620	3,489,737	225,056,597
Unsecured	245,140,658	103,243,023	1,550,190	349,933,871
Total	\$923,217,332	\$434,404,716	\$29,903,212	\$1,387,525,260
2016.12.31	Excellent	Good	Average	Total
Consumer banking				
Residential mortgage loans	\$260,337,798	\$70,434,151	\$11,978,542	\$342,750,491
Unsecured personal loans	25,676,322	15,839,926	4,634,166	46,150,414
Other	293,208,211	64,003,096	9,591,057	366,802,364
Corporate banking				
Secured	33,210,000	169,692,228	6,202,863	209,105,091
Unsecured	317,560,918	115,506,780	8,345,134	441,412,832
Total	\$929,993,249	\$435,476,181	\$40,751,762	\$1,406,221,192
2016.06.30	Excellent	Good	Average	Total
Consumer banking				
Residential mortgage loans	\$239,491,138	\$54,506,312	\$9,872,596	\$303,870,046
Unsecured personal loans	24,474,245	13,612,207	3,776,966	41,863,418
Other	266,901,094	51,016,906	7,331,837	325,249,837
Corporate banking				
Secured	58,295,128	119,430,934	10,125,458	187,851,520
Unsecured	291,653,009	91,130,839	6,310,586	389,094,434
Total	\$880,814,614	\$329,697,198	\$37,417,443	\$1,247,929,255

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

# c. Credit quality analysis on securities investment of the Bank

	1						ı	ı
	Neithe	past due nor in	npaired					
2017.06.20		Non-investment		Past due but			Accumulated	
2017.06.30	Investment	grade or non-	Subtotal	not impaired	Impaired	Total	impairment	Net balance
	grade	credit rating	(A)	(B)	(C)	(A)+(B)+(C)	(D)	(A)+(B)+(C)-(D)
Available-for-sale financial								
assets								
Bonds	\$126,075,023	\$1,858,893	\$127,933,916	\$-	\$-	\$127,933,916	\$-	\$127,933,916
Stocks	2,870,377	11,470,814	14,341,191	-	146,379	14,487,570	146,379	14,341,191
Others	87,368	127,511	214,879	-	-	214,879	-	214,879
Held-to-maturity financial								
assets								
Bonds	29,533,302	2,139,523	31,672,825	-	-	31,672,825	-	31,672,825
Others	7,726,583	-	7,726,583	-	-	7,726,583	-	7,726,583
Investments in debt securities								
with no active market								
Bonds	78,545,381	54,759	78,600,140	-	490,184	79,090,324	490,184	78,600,140
Others	318,690,000	-	318,690,000	-	-	318,690,000	-	318,690,000

	Neithe	past due nor in	npaired					
2016.12.31		Non-investment		Past due but			Accumulated	
2016.12.31	Investment	grade or non-	Subtotal	not impaired	Impaired	Total	impairment	Net balance
	grade	credit rating	(A)	(B)	(C)	(A)+(B)+(C)	(D)	(A)+(B)+(C)-(D)
Available-for-sale financial								
assets								
Bonds	\$135,593,396	\$101,939	\$135,695,335	\$-	\$-	\$135,695,335	\$-	\$135,695,335
Stocks	1,547,161	10,186,373	11,733,534	-	140,985	11,874,519	140,985	11,733,534
Others	917,355	3,586,499	4,503,854	-	-	4,503,854	-	4,503,854
Held-to-maturity financial								
assets								
Bonds	35,526,500	1,946,358	37,472,858	-	-	37,472,858	-	37,472,858
Others	5,422,099	-	5,422,099	-	-	5,422,099	-	5,422,099
Investments in debt securities								
with no active market								
Bonds	81,310,348	114,660	81,425,008	-	1,478,556	82,903,564	1,478,556	81,425,008
Others	316,050,000	-	316,050,000	-	1	316,050,000	-	316,050,000

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

	Neithe	past due nor ir	npaired					
2016.06.30		Non-investment		Past due but			Accumulated	
2016.06.30	Investment	grade or non-	Subtotal	not impaired	Impaired	Total	impairment	Net balance
	grade	credit rating	(A)	(B)	(C)	(A)+(B)+(C)	(D)	(A)+(B)+(C)-(D)
Available-for-sale financial								
assets								
Bonds	\$81,784,084	\$-	\$81,784,084	\$-	\$-	\$81,784,084	\$-	\$81,784,084
Stocks	7,458,674	10,306,720	17,765,394	-	140,985	17,906,379	140,985	17,765,394
Others	-	1,322,989	1,322,989	-	-	1,322,989	-	1,322,989
Held-to-maturity financial								
assets								
Bonds	39,404,864	40,471	39,445,335	-	-	39,445,335	-	39,445,335
Investments in debt securities								
with no active market								
Bonds	35,025,023	507	35,025,530	-	1,478,856	36,504,386	1,478,856	35,025,530
Others	401,855,000	-	401,855,000	-	-	401,855,000	-	401,855,000

## d. Aging analysis on past due but not impaired financial assets of the Bank

Past due but not impaired loans might result from some temporary administration reasons so the customers is in the early stages of delinquency but no actual impairment has occurred yet. Unless there is other objective evidence shown otherwise, according to internal credit risk assets impairment evaluation guideline, a loan that is past due for no more than 30 days is typically not to be treated as impairment.

	Less than		
2017.06.30	60 days	61-90 days	Total
Receivables			
Credit card business	\$100,608	\$67,951	\$168,559
Others	3,821	2,720	6,541
Discounts and loans			
Consumer banking			
Residential mortgage loans	341,874	106,470	448,344
Unsecured personal loans	82,298	73,327	155,625
Others	222,454	43,789	266,243
Corporate banking			
Secured	-	-	-
Unsecured	263,094	48,662	311,756

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

	Less than		
2016.12.31	60 days	61-90 days	Total
Receivables			
Credit card business	\$107,733	\$69,761	\$177,494
Others	3,335	2,248	5,583
Discounts and loans			
Consumer banking			
Residential mortgage loans	276,308	144,448	420,756
Unsecured personal loans	70,608	57,371	127,979
Others	182,770	35,679	218,449
Corporate banking			
Secured	140,175	-	140,175
Unsecured	6,007	-	6,007
	Less than		
2016.06.30	60 days	61-90 days	Total
Receivables			
Credit card business	\$91,525	\$55,655	\$147,180
Others	3,192	1,268	4,460
Discounts and loans			
Consumer banking			
Residential mortgage loans	269,043	32,128	301,171
Unsecured personal loans	64,542	41,129	105,671
Others	179,518	34,007	213,525
Corporate banking			
Secured	10,719	-	10,719
Unsecured	295,836	-	295,836

#### G. Impairment analysis of financial assets of the Group

- a. The Group has recognized accumulated impairment loss for available-for-sale financial assets in the amount of \$146,379, \$140,985 and \$140,985 as of 30 June 2017, 31 December 2016 and 30 June 2016, due to the existence of objective impairment evidence.
- b. The Group has recognized accumulated impairment loss for investments in debt securities with no active market in the amount of \$394,598, \$1,382,970 and \$1,383,270 as of 30 June 2017, 31 December 2016 and 30 June 2016, respectively, due to credit deterioration of securitization products and financial debentures.

The Group has recognized accumulated impairment loss for investment in debt securities with no active market in the amount of \$95,586 as of 30 June 2017, 31 December 2016 and 30 June 2016, due to the default on the convertible bonds.

c. The Group's impairment assessment of discounts and loans and receivables, please refer to Note 6.(4) and Note 6.(5).

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

## H. Impairment analysis of non-financial assets of the Group

Foreclosed properties management policy

The Group has no recognized impairment loss for foreclosed properties in CUBC Bank for six-month periods ended 30 June 2017 and 2016, due to the existence of objective impairment evidence. The accumulated impairment loss in the amount of \$54,785, \$58,102 and \$0 as of 30 June 2017, 31 December 2016 and 30 June 2016, respectively.

Foreclosed properties will be sold when are available to sell. The proceeds are used to reduce or repay the outstanding claim. Foreclosed properties are classified under other assets in the consolidated balance sheets.

## (8) Liquidity risk

The purpose of liquidity risk management is to ensure the availability of funds to meet present and future financial obligations.

Liquidity risk is also managed by ensuring that the excess of maturing liabilities over maturing assets in any period is kept to manageable levels relative to the amount of funds the Group believes it can generate within that period. As part of our liquidity risk management, the Group focuses on a number of components, including tapping available sources of liquidity, preserving necessary funds at reasonable cost and continuous contingency planning.

# A. <u>Analysis of financial assets and non-derivative financial liabilities by remaining contractual maturities</u>

#### a. Financial assets were held to manage liquidity risk

The Group holds highly marketable and diverse financial assets that are assumed to be easily liquidated in the event of an unforeseen interruption of cash flow. The financial assets were held to manage liquidity risk including cash and cash equivalents, due from the Central Bank and call loans to other banks, financial assets at fair value through profit and loss, discounts and loans, available-for-sale financial assets, held-to-maturity financial assets and investments in debt securities with no active market.

#### b. Maturity analysis of non-derivative financial liabilities of the Bank

The table below shows the analysis of the cash outflow of non-derivative financial liabilities on time remaining until the contractual maturity date. The amount disclosed is based on the contractual cash flows and may be different from that included in the consolidated balance sheets.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

			181 days -		
2017.06.30	0-30 days	31-180 days	1 year	Over 1 year	Total
Due to the Central Bank and call					
loans from banks	\$29,803,456	\$23,593,871	\$13,998,782	\$16,030	\$67,412,139
Non-derivative financial liabilities at					
fair value through profit or loss	1,327,057	293,504	-	41,545,140	43,165,701
Securities sold under agreements					
to repurchase	64,266,804	-	-	7,102,149	71,368,953
Payables	24,619,003	1,502,158	4,432,928	467,839	31,021,928
Deposits and remittances	279,376,492	864,436,952	758,308,007	113,214,308	2,015,335,759
Financial debentures payable	7,693	85,925	7,873,687	55,600,000	63,567,305
Other capital outflow at maturity	17,387,175	33,315,076	8,903,768	455,279	60,061,298

			181 days -		
2016.12.31	0-30 days	31-180 days	1 year	Over 1 year	Total
Due to the Central Bank and call					
loans from banks	\$36,668,211	\$19,582,460	\$11,159,327	\$11,987	\$67,421,985
Non-derivative financial liabilities at					
fair value through profit or loss	-	-	641,491	37,766,430	38,407,921
Securities sold under agreements					
to repurchase	32,151,648	18,162,667	-	6,458,060	56,772,375
Payables	17,087,536	1,882,092	68,098	402,241	19,439,967
Deposits and remittances	270,499,401	837,032,161	764,993,589	123,482,329	1,996,007,480
Financial debentures payable	7,800	3,986,939	37,213	48,250,000	52,281,952
Other capital outflow at maturity	26,286,100	30,646,766	4,455,094	389,911	61,777,871

			181 days -		
2016.06.30	0-30 days	31-180 days	1 year	Over 1 year	Total
Due to the Central Bank and call					
loans from banks	\$38,744,976	\$12,597,721	\$9,307,311	\$82,910	\$60,732,918
Non-derivative financial liabilities at					
fair value through profit or loss	1,086,747	311,345	-	37,774,620	39,172,712
Securities sold under agreements	40,887,487	1,309,897	-	-	42,197,384
to repurchase					
Payables	11,572,844	7,517,167	3,566,665	989,149	23,645,825
Deposits and remittances	258,898,617	801,134,745	732,185,658	118,186,599	1,910,405,619
Financial debentures payable	7,672	90,791	3,718,754	48,250,000	52,067,217
Other capital outflow at maturity	19,667,724	34,789,637	8,520,154	2,659,930	65,637,445

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

## B. Maturity analysis of derivative financial liabilities

a. Net settled derivative financial instruments

Net settled derivatives engaged by the Bank include:

- i. Foreign exchange derivative instruments: foreign exchange options, non-delivery forwards;
- ii. Interest rate derivative instruments: swaptions, net settled interest rate swaps and other interest rate agreements.

The table below shows the net settled derivative financial instruments on time remaining until the contractual maturity date. Analysis of contractual maturity date helps to illustrate all derivative financial instruments listed in the consolidated balance sheet. The amount disclosed is based on contractual cash flow and may be different from that included in the consolidated balance sheet. Maturity analysis of net settled derivative financial liabilities was as follows:

			181 days -		
2017.06.30	0-30 days	31-180 days	1 year	Over 1 year	Total
Derivative financial liabilities at fair					
value through profit or loss					
- Foreign exchange derivative					
instruments	\$25,664	\$184,302	\$100,338	\$8,156	\$318,460
- Interest rate derivative instruments	1,529,878	136,877	308,852	16,632,683	18,608,290
Total	\$1,555,542	\$321,179	\$409,190	\$16,640,839	\$18,926,750

			181 days -		
2016.12.31	0-30 days	31-180 days	1 year	Over 1 year	Total
Derivative financial liabilities at fair					
value through profit or loss					
- Foreign exchange derivative					
instruments	\$121,095	\$1,576,083	\$1,796,462	\$307	\$3,493,947
- Interest rate derivative instruments	1,886,141	419,128	88,343	22,041,123	24,434,735
Total	\$2,007,236	\$1,995,211	\$1,884,805	\$22,041,430	\$27,928,682

			181 days -		
2016.06.30	0-30 days	31-180 days	1 year	Over 1 year	Total
Derivative financial liabilities at fair					
value through profit or loss					
- Foreign exchange derivative					
instruments	\$146,443	\$730,037	\$1,488,747	\$1,288,758	\$3,653,985
- Interest rate derivative instruments	357,461	89,790	465,739	25,290,822	26,203,812
Total	\$503,904	\$819,827	\$1,954,486	\$26,579,580	\$29,857,797

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

## b. Maturity analysis of gross settled derivative financial instruments

Gross settled derivatives engaged by the Bank include:

- i. Foreign exchange derivative instruments: currency futures and swaps;
- ii. Interest rate derivative instruments: cross currency swaps;
- iii. Credit derivative instruments: all derivatives shown in gross pay a periodic fee in return for a payment by the protection seller upon the occurrence, if any, of such a credit event.

The contract maturity date is the basic element to understand the Bank's gross settled derivative instruments as at balance sheet dates. The disclosed amounts are based on contract cash flows and part of the disclosed are not in conformity with related items on consolidated balance sheet. Maturity analysis of gross settled derivative financial liabilities was as follows:

			181 days -		
2017.06.30	0-30 days	31-180 days	1 year	Over 1 year	Total
Derivative financial liabilities at fair					
value through profit or loss					
- Foreign exchange derivative					
instruments					
-Cash outflow	\$(2,050,701)	\$(3,364,691)	\$(1,220,379)	\$(90,899)	\$(6,726,670)
-Cash inflow	-	32,789	6,271	2,623	41,683
- Interest rate derivative instruments					
-Cash outflow	(52,643)	(1,774,414)	(365,723)	(134,252)	(2,327,032)
-Cash inflow	-	-	-	-	-
Cash outflow subtotal	(2,103,344)	(5,139,105)	(1,586,102)	(225,151)	(9,053,702)
Cash inflow subtotal	-	32,789	6,271	2,623	41,683
Net cash flow	\$(2,103,344)	\$(5,106,316)	\$(1,579,831)	\$(222,528)	\$(9,012,019)

			181 days -		
2016.12.31	0-30 days	31-180 days	1 year	Over 1 year	Total
Derivative financial liabilities at fair					
value through profit or loss					
- Foreign exchange derivative					
instruments					
-Cash outflow	\$(2,608,154)	\$(7,043,669)	\$(1,487,912)	\$(330,246)	\$(11,469,981)
-Cash inflow	31,816	48,284	69,423	-	149,523
- Interest rate derivative instruments					
-Cash outflow	(169,357)	(880,692)	(617,141)	(1,021,022)	(2,688,212)
-Cash inflow	-	-	-	-	-
Cash outflow subtotal	(2,777,511)	(7,924,361)	(2,105,053)	(1,351,268)	(14,158,193)
Cash inflow subtotal	31,816	48,284	69,423	-	149,523
Net cash flow	\$(2,745,695)	\$(7,876,077)	\$(2,035,630)	\$(1,351,268)	\$(14,008,670)

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

			181 days -		
2016.06.30	0-30 days	31-180 days	1 year	Over 1 year	Total
Derivative financial liabilities at fair					
value through profit or loss					
- Foreign exchange derivative					
instruments					
-Cash outflow	\$(4,133,719)	\$(5,765,063)	\$(1,344,491)	\$(254,589)	\$(11,497,862)
-Cash inflow	68,390	640,022	116,348	428,044	1,252,804
- Interest rate derivative instruments					
-Cash outflow	(188,455)	(198,511)	(850,002)	(826,092)	(2,063,060)
-Cash inflow	-	-	-	-	-
Cash outflow subtotal	(4,322,174)	(5,963,574)	(2,194,493)	(1,080,681)	(13,560,922)
Cash inflow subtotal	68,390	640,022	116,348	428,044	1,252,804
Net cash flow	\$(4,253,784)	\$(5,323,552)	\$(2,078,145)	\$(652,637)	\$(12,308,118)

## C. Maturity analysis of off-balance sheet items

- a. Irrevocable commitments: include CUB's irrevocable loan commitments and credit card commitments.
- b. Financial guarantee contracts: the Bank acts as a guarantor or an issuer of credit line in a financing guarantee agreement.
- c. Leasing commitments: the Bank acts as a lessor/lessee in an irrevocable operating lease agreement and the minimum lease payments are shown as follows:

	Not later than		Later than	
2017.06.30	1 year	1~5 years	5 years	Total
Irrevocable loan commitments	\$166,315,438	\$47,206,962	\$1,167,833	\$214,690,233
Credit card commitments	27,376,723	284,474,447	297,492,769	609,343,939
Financial guarantee contracts	8,750,348	1,084,495	24,086	9,858,929
Leasing commitments				
- Non-cancellable operating				
lease payments	1,618,866	3,086,867	66,441	4,772,174
Total	\$204,061,375	\$335,852,771	\$298,751,129	\$838,665,275
	Not later than		Later than	
2016.12.31	1 year	1~5 years	5 years	Total
Irrevocable loan commitments	\$129,060,972	\$51,146,768	\$2,330,502	\$182,538,242
Credit card commitments	78,376,870	229,495,576	276,694,449	584,566,895
Financial guarantee contracts	9,837,073	1,035,270	11,334	10,883,677
Leasing commitments				
- Non-cancellable operating				
lease payments	1,657,098	3,472,465	113,195	5,242,758
Total	\$218,932,013	\$285,150,079	\$279,149,480	\$783,231,572

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

	Not later than		Later than	
2016.06.30	1 year	1~5 years	5 years	Total
Irrevocable loan commitments	\$79,653,610	\$47,193,958	\$4,210,716	\$131,058,284
Credit card commitments	30,879,977	228,653,693	283,940,834	543,474,504
Financial guarantee contracts	9,747,960	1,132,997	17,841	10,898,798
Leasing commitments				
- Non-cancellable operating				
lease payments	1,741,862	3,967,103	364,515	6,073,480
Total	\$122,023,409	\$280,947,751	\$288,533,906	\$691,505,066

### (9) Capital management

#### A. Overview

- a. The capital management objectives of the Group are as follows:
  - i. The eligible capital of the Group must conform to the regulatory capital requirements and achieve the minimum adequacy ratio. The calculation of the eligible capital and regulatory capital should follow the rules issued by the competent authority.
  - ii. To ensure the Group possesses sufficient capital to assume various risk, the Group assesses required capital for the portfolios and characteristics of risk and execute risk management through capital allocation to realize optimization of resources.

#### B. Capital management procedures

- a. The Group follows the guides and the spirit established by the Basel Committee on Banking Supervision, "The Banking Act of The Republic of China" and the local regulations governing the foreign operations to assess and monitoring the capital adequacy ratio monthly. The information about capital adequacy ratio is reported to the competent authority quarterly.
- b. The Group maintains the BIS (Bank for International Settlement) capital adequacy ratio at 8%, the minimum standard set by the competent authority. To implement capital management, the Group considers not only the business development but also the revised regulation from the competent authority, significant fund operations and capital increase plans to evaluate the capital adequacy ratio. To enhance internal monitoring efficiency, the Bank established an early-warning mechanism to reduce the impact of significant events, to maintain the capital adequacy ratio and to ensure the integrity of the capital structures.

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

- c. The risk management team is responsible for monitoring the regulatory capital of the Group. The regulatory capital is divided into net Tier 1 Capital and net Tier 2 Capital listed as follows:
  - i. Net Tier 1 Capital: The aggregate amount of net Common Equity Tier 1 and net additional Tier 1 Capital.

Net common equity tier 1 capital: Primarily consists of common equity minus intangible assets (including goodwill), unamortized losses on sales of non-performing loans, deferred tax assets due to losses from the previous year and other statutory adjustments.

Net additional tier 1 capital: Consists of the aggregate amount of non-cumulative perpetual preferred stocks and non-cumulative perpetual subordinated debts, etc.

- ii. Net Tier 2 Capital: Consists of cumulative perpetual preferred stocks, cumulative perpetual subordinated debts, revaluation increments, convertible bonds, operating reserves and allowance for uncollectible accounts.
- d. According to "Regulations Governing the Capital Adequacy and Capital Category of Banks", terms of risk-weighted assets are defined as follows:
  - i. Total Risk-weighted Assets: The sum of the risk-weighted assets and the capital requirements for market risk and operational risk multiplied by 12.5. Those assets already deducted from the regulatory capital, however, shall be deducted from the total risk-weighted assets.
  - ii. Risk-weighted Assets for Credit Risk: The measurement of the risk of loss caused by the counterparty's default. This risk measurement is expressed as the total of each of the bank's transaction items on and off the balance sheet times a risk weight.
  - iii. The Capital Requirement for Market Risk: The capital required for assessed losses from the bank's transaction items on and off the balance sheet arising from movements in market prices (interest rates, exchange rates, stock prices, etc.).
  - iv. The Capital Requirement for Operational Risk: The capital required for the risk of loss resulting from inadequate or failed internal process, people and systems or external events.

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## C. Regulatory capital ratio

Pursuant to of the Banking Act, the ratio of a bank's eligible capital to its risk-weighted assets must not be lower than a certain ratio; if such ratio is lower than the prescribed ratio, the Bank's ability to distribute cash earnings or repurchase its shares may be restricted by the regulatory.

As of 30 June 2017, 31 December 2016 and 30 June 2016, the ratio of the Group eligible capital to its consolidated risk-weighted assets were 14.75%, 14.05% and 15.01%, respectively.

#### (10) Unconsolidated structured entities

A. The Group does not provide financial support or other support to the unconsolidated structured entities. The Group's maximum exposure to loss from its interests in these structured entities is limited to the carrying amount of assets the Group recognized. The information of the recognized unconsolidated structured entities is disclosed as follows:

Types of structured entity	Nature and purpose	Interests owned		
Securitization vehicle	Investment in asset-backed	Investment in securitization		
	securities to receive returns	vehicles issued by the entity		

B. As of 30 June 2017, 31 December 2016 and 30 June 2016, the carrying amount of assets recognized by Group relating to its interests in unconsolidated structured entities is disclosed as follows:

	2017.06.30	2016.12.31	2016.06.30
Available-for-sale financial assets	\$780,567	\$922,506	\$1,056,980
Held-to maturity financial assets	10,803,844	12,296,939	13,841,418
Investments in debt securities with no			
active market	32,223,846	28,079,749	9,739,583
Total	\$43,808,257	\$41,299,194	\$24,637,981

# (11) The assets and liabilities managed under the Bank's trust in accordance with the Trust Enterprise Act

A. In accordance with Article 17 of "Enforcement Rules of the Trust Enterprise Act" the balance sheet and income statement based on trust and details of trust properties are as follows:

(Expressed in thousands of New Taiwan Dollars except for share and per share data and unless otherwise stated)

## Balance Sheet Based on Trust

Trust Assets		Trust Liabilities			
_	2017.06.30	2016.06.30	_	2017.06.30	2016.06.30
Bank deposits	\$11,485,125	\$10,460,346	Payables	\$652	\$-
Bonds	81,710,041	104,175,142	Tax payable	32	-
Stocks	31,008,940	31,465,234	Custody securities payable	120,930,303	123,370,030
Mutual funds	193,689,796	185,567,685	Trust capital	362,580,463	371,217,929
Insurance product	2,826,866	2,715,824	Accumulated Losses		
Recevibles	1,476	-	Earnings distribution	(58,428)	(121,269)
Real estate			Net income	14,940	17,438
Land	40,436,539	35,765,181	Accumulated Losses	(168,287)	(379,605)
Buildings, net	49,566	50,659	Net assets		
Construction in progress	1,161,024	534,422	Capital account	-	-
Custody securities	120,930,302	123,370,030	Distributable revenue	-	<u>-</u>
Total	\$483,299,675	\$494,104,523	Total	\$483,299,675	\$494,104,523

## Income Statement Based on Trust

	2017.01.01-	2016.01.01-
Item	2017.06.30	2016.06.30
Trust revenue		
Interest income	\$18,719	\$23,194
Cash dividend income	9,495	3,954
Investment income-stock	485	53
Investment income-funds	3,544	7,085
Unrealized investment income-stock	17,011	-
Unrealized investment income-funds	2,280	-
Others	-	5
Subtotal	51,534	34,291
Trust expense		
Management fee	9,985	8,858
Supervisor fee	679	593
Taxes	455	618
Processing fee	747	2,232
Investment loss-funds	22,188	4,088
Unrealized investment loss-stock	454	-
Unrealized investment loss-funds	678	-
Others	1,408	464
Subtotal	36,594	16,853
Income equalization	<u></u>	
Net income before tax	14,940	17,438
Tax expenses	-	-
Net income	\$14,940	\$17,438

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## **Details of Trust Properties**

Item	2017.06.30	2016.06.30	
Bank deposits	\$11,485,125	\$10,460,346	
Bonds	81,710,041	104,175,142	
Common stock	31,008,940	31,465,234	
Mutual fund	193,689,796	185,567,685	
Insurance product	2,826,866	2,715,824	
Recevibles	1,476	-	
Real estate			
Land	40,436,539	35,765,181	
Buildings, net	49,566	50,659	
Construction in progress	1,161,024	534,422	
Custody securities	120,930,302	123,370,030	
Total	\$483,299,675	\$494,104,523	

B. The Bank conducts trust business by Trust Enterprise Act Article 3. The related trust business information as of 30 June 2017 and 2016 are as follows:

Item	2017.06.30	2016.06.30
Special trust of money that invest in foreign securities	\$228,154,390	\$249,669,743
Special trust money that invest in domestic securities	46,423,151	38,808,010
Trust of money-custody securities	120,930,302	123,370,030
Trust of real estate	41,826,264	38,360,483
Trust of real estate price	3,220,320	2,193,947
Trust of insurance claims	207,570	180,882
Personal and corporate trust	39,316,159	37,753,406
Trust of business employee's savings	2,169,956	2,145,519
Trust of securities	1,051,563	1,622,503
Total	\$483,299,675	\$494,104,523

(12) <u>Implementation of cross-selling marketing strategies implemented between the Bank, Cathay Financial Holding Co., Ltd., and its subsidiaries</u>

The Bank has entered into cross-selling marketing contracts with Cathay Life Insurance Co., Ltd., Cathay Century Insurance Co., Ltd. and Cathay Securities Corp. The contracts cover joint use of operation sites and facilities as well as cross-selling marketing personnel. Remuneration apportionment and expenses allocation for cross-selling marketing personnel follow the "Cathay Financial Group Scope of Cross-selling Marketing and Rules for Reward".

The Bank has entered into cooperation contracts with Cathay Financial Holding Co., Ltd., Cathay Life Insurance Co., Ltd., Cathay Century Insurance Co., Ltd., and Cathay Securities Corp. for the joint use of information equipment and the development, operation, maintenance and management of information systems. Calculation methodologies for expenses allocation have been established.

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# (13) The significant portfolio of foreign currency financial assets and liabilities are as follows:

		2017.06.30				
	Foreign Currency	Exchange Rate	NTD			
Financial Assets						
Monetary Items						
USD	\$11,271,118	30.4360	\$343,047,747			
CNY	9,613,512	4.4892	43,156,978			
SGD	833,436	22.1063	18,424,186			
Financial liabilities						
Monetary Items						
USD	12,386,589	30.4360	376,998,223			
CNY	7,982,354	4.4892	35,834,384			
AUD	1,163,414	23.3566	27,173,395			
		2016.12.31				
	Foreign Currency	Exchange Rate	NTD			
Financial Assets						
Monetary Items						
USD	\$9,791,650	32.2790	\$316,064,670			
HKD	3,528,433	4.1622	14,686,044			
CNY	7,749,947	4.6220	35,820,255			
Financial liabilities						
Monetary Items						
USD	11,210,625	32.2790	361,867,764			
CNY	8,151,331	4.6220	37,675,452			
AUD	1,159,402	23.3103	27,026,008			
		2016.06.30				
	Foreign Currency	Exchange Rate	NTD			
Financial Assets Monetary Items						
USD	\$8,602,619	32.2860	\$277,744,157			
HKD	4,390,825	4.1613	18,271,540			
CNY	9,270,471	4.8472	44,935,827			
Financial liabilities						
Monetary Items						
USD	10,388,304	32.2860	335,396,783			
CNY	8,360,054	4.8472	40,522,854			
AUD	822,017	23.9869	19,717,640			

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As the Group has a large variety of foreign currencies, it is not possible to disclose foreign currency exchange gain or loss based on each foreign currency's exposure to major impact. The foreign currency exchange gains for the three-month periods ended 30 June 2017 and 2016, and for the six-month periods ended 30 June 2017 and 2016 were \$429,502, \$262,277, \$534,577 and \$386,423, respectively.

## 13. Segment information

For management purposes, the Group is organized into business units based on products and services and have four reportable segments as follows:

- (1) Corporate banking segment syndication loans, large-sized loans, group loans, general loans, etc.
- (2) Retail banking segment deposits and consumer loans, foreign exchange services, endorsement guarantees business, note discounting, disbursements and receipts, safe deposit boxes, credit card-related products, trust business, etc.
- (3) Offshore banking segment international banking department, offshore banking unit, overseas branches, representative office, etc.
- (4) Other segments these parts contain the Bank's assets, liabilities, revenues and expenses that cannot be attributed to or allocated reasonably to certain operating segments.

Management monitors the operating results of its business units separately for the purpose of making decisions about resource allocation and performance assessments. Segment performance is evaluated based on operating profit or loss. Segments' accounting policies are the same as Note 4 mentioned above.

	Corporate	Retail	Offshore		
	Banking	Banking	Banking	Other	
2017.04.01-2017.06.30	Segment	Segment	Segment	Segment	Consolidated
Net interest income					
(from external customer)	\$1,956,335	\$2,782,282	\$1,495,142	\$1,173,974	\$7,407,733
Inter-segment revenues (expense)	\$(698,653)	\$2,538,401	\$(6,958)	\$(1,832,790)	\$-
Segment net income	\$1,315,945	\$4,219,105	\$840,317	\$185,245	\$6,560,612
Income tax expense					(848,087)
Net income after income taxes					\$5,712,525

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	Corporate	Retail	Offshore		
	Banking	Banking	Banking	Other	
2016.04.01 - 2016.06.30	Segment	Segment	Segment	Segment	Consolidated
Net interest income					
(from external customer)	\$1,346,176	\$1,977,485	\$1,629,162	\$1,167,721	\$6,120,544
Inter-segment revenues (expense)	\$(649,834)	\$5,641,221	\$86,940	\$(5,078,327)	\$-
Segment net income	\$220,932	\$2,606,804	\$1,104,888	\$250,461	\$4,183,085
Income tax expense					(380,537)
Net income after income taxes					\$3,802,548
	Corporate	Retail	Offshore		
	Banking	Banking	Banking	Other	
2017.01.01-2017.06.30	Segment	Segment	Segment	Segment	Consolidated
Net interest income					
(from external customer)	\$3,867,503	\$5,357,195	\$2,883,632	\$2,332,147	\$14,440,477
Inter-segment revenues (expense)	\$(1,426,783)	\$4,709,176	\$(27,973)	\$(3,254,420)	\$-
Segment net income	\$2,336,976	\$8,006,235	\$1,807,350	\$122,526	\$12,273,087
Income tax expense					(1,552,143)
Net income after income taxes					\$10,720,944
	Corporate	Retail	Offshore		
	Banking	Banking	Banking	Other	
2016.01.01-2016.06.30	Segment	Segment	Segment	Segment	Consolidated
Net interest income					
(from external customer)	\$2,603,950	\$3,844,091	\$3,295,424	\$2,587,082	\$12,330,547
Inter-segment revenues (expense)	\$(1,238,543)	\$8,116,674	\$92,272	\$(6,970,403)	\$-
Segment net income	\$633,654	\$6,905,737	\$2,823,458	\$260,930	\$10,623,779
Income tax expense					(1,176,443)
Net income after income taxes					\$9,447,336

#### Note:

- A. No revenue from transactions with a single external customer amounted to 10% or more of the Group total revenue during six-month periods ended 30 June 2017 and 2016.
- B. Operating segments' profit are measured at pre-tax income basis, the income taxes are not allocated to reporting segments for the purpose of making decisions about resource allocation and performance assessment.
- C. The Group provide the average of deposits and loans to assess the performance, the disclosed measure amounts of assets and liabilities are zero.