Cathay Financial Holding Co., Ltd. and Subsidiaries
Consolidated Financial Statements
For the nine-month periods ended
30 September 2017 and 2016
With Independent Auditors' Review Report

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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 Financial Holding Companies. 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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Review Report of Independent Auditors English Translation of a Report Originally Issued in Chinese

The Board of Directors and Shareholders Cathay Financial Holding Co., Ltd.

We have reviewed the accompanying consolidated balance sheets of Cathay Financial Holding Co., Ltd. (the "Company") and its subsidiaries as of 30 September 2017 and 30 September 2016, and the related consolidated statements of comprehensive income for the three-month periods ended 30 September 2017 and 2016, and for the nine-month periods ended 30 September 2017 and 2016, changes in equity and cash flows for the nine-month periods ended 30 September 2017 and 2016. These consolidated financial statements are the responsibility of the Company's management. Our responsibility is to issue a review report on these consolidated interim financial statements based on our reviews.

We conducted our reviews in accordance with Statements of Auditing Standards No.36 "Review of Financial statements" of the Republic of China. Areview consists principally of inquiries, comparison and analytical procedures. A review was substantially less in scope than an audit conducted in accordance with generally accepted auditing standards, the objective of which is the expression of an opinion regarding the consolidated financial statements taken as a whole. Accordingly, we do not express such an opinion.

Based on our reviews, we are not aware of any material modifications that should be made to the accompanying consolidated financial statements in order for them to be in conformity with "Regulations Governing the Preparation of Financial Reports by Financial Holding Companies", "Regulations Governing the Preparation of Financial Reports by Securities Issuers", and International Accounting Standard 34 "Interim Financial Reporting" as endorsed by Financial Supervisory Commission of the Republic of China.

Ernst & Young

Taipei, Taiwan

The Republic of China

8 November 2017

Notice to Readers

The accompanying consolidated financial statements are intended only to present the consolidated financial position, 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 jurisdiction. The standards, procedures and practices to review such consolidated financial statements are those generally accepted and applied in the Republic of China.

Cathay Financial Holding Co., Ltd. and Subsidiaries Consolidated Balance Sheets

As of 30 September 2017, 31 December 2016 and 30 September 2016

(30 September 2017 and 2016 reviewed only, not audited in accordance with the generally accepted auditing standards) (Expressed in thousands of New Taiwan Dollars)

	Notes	2017.9.30	2016.12.31	2016.9.30
Assets				
Cash and cash equivalents	4, 6.(1)	\$351,613,826	\$196,549,185	\$291,642,002
Due from the Central Bank and call loans to banks		83,013,476	71,940,935	100,272,971
Financial assets at fair value through profit or loss	4, 6.(2)	363,338,182	244,529,264	304,989,787
Available-for-sale financial assets-net	4, 6.(3)	1,590,466,228	1,591,359,657	1,549,141,336
Derivative financial assets for hedging	4	268,938	232,269	456,538
Securities purchased under agreements to resell	4	82,057,127	49,524,682	60,337,058
Receivables - net	4, 6.(4)	151,642,224	154,212,060	153,307,095
Current income tax assets	4	4,257,876	4,215,323	4,340,544
Loans - net	4, 6.(5)	2,082,515,792	2,045,532,795	1,915,892,998
Reinsurance assets - net		7,648,254	8,767,841	9,398,888
Held-to-maturity financial assets-net	4, 6.(6)	91,264,880	81,826,739	76,052,232
Investments accounted for using the equity method - net	4, 6.(7)	35,783,164	35,209,790	28,806,885
Other financial assets - net	4, 6.(8)	3,259,309,619	3,036,381,213	2,840,742,847
Investment properties - net	4, 6.(9)	317,230,408	311,014,127	377,475,918
Property and equipment - net	4, 6.(10)	165,324,422	164,114,231	98,749,815
Intangible assets - net	4, 6.(11)	56,577,627	58,597,243	58,901,254
Deferred tax assets - net	4	28,642,623	14,729,993	17,019,654
Other assets - net		51,654,132	66,400,120	53,200,577

Total assets \$8,722,608,798 \$8,135,137,467 \$7,940,728,399

Cathay Financial Holding Co., Ltd. and Subsidiaries Consolidated Balance Sheets - (continued)

As of 30 September 2017, 31 December 2016 and 30 September 2016

(30 September 2017 and 2016 reviewed only, not audited in accordance with the generally accepted auditing standards) (Expressed in thousands of New Taiwan Dollars)

Liabilities & equity	Notes	2017.9.30	2016.12.31	2016.9.30
Liabilities				
Due to the Central Bank and call loans from banks		\$92,450,905	\$77,493,795	\$62,672,251
Financial liabilities at fair value through profit or loss	4, 6.(12)	91,877,061	115,014,826	85,122,266
Securities sold under agreements to repurchase	4	101,911,686	59,139,059	47,948,785
Commercial paper payable-net	4, 6.(13)	51,417,901	41,578,838	36,119,130
Payables		97,233,634	55,295,781	53,244,316
Current income tax liabilities	4	10,499,909	3,512,350	8,759,254
Deposits	6.(14)	2,059,148,915	1,999,943,172	1,986,917,547
Bonds payable	4, 6.(15)	98,350,000	51,900,000	71,800,000
Other borrowings		456,639	87,229	40,440
Provisions	4, 6.(17)	4,857,962,293	4,596,525,084	4,478,337,623
Other financial liabilities-net	4, 6.(16)	614,416,562	561,224,829	558,240,384
Deferred tax liabilities	4	33,289,151	26,362,443	33,014,694
Other liabilities		19,883,903	17,236,040	19,883,065
Total liabilities	_	8,128,898,559	7,605,313,446	7,442,099,755
Equity attributable to owners of parent				
Capital stock				
Common stock	6.(19)	125,632,102	125,632,102	125,632,102
Preferred stock	, ,	8,333,000	8,333,000	, , -
Capital surplus	6.(20)	130,452,105	130,448,697	88,782,670
Retained earnings	6.(21)			
Legal reserve		35,339,841	30,577,724	30,577,724
Special reserve		149,106,971	149,108,336	149,108,336
Undistributed earnings		90,934,090	73,001,761	64,134,458
Other equity		44,240,253	6,222,952	34,227,182
Non-controlling interests	4, 6.(22)	9,671,877	6,499,449	6,166,172
Total equity	_	593,710,239	529,824,021	498,628,644
Total liabilities and equity	_	\$8,722,608,798	\$8,135,137,467	\$7,940,728,399

Cathay Financial Holding Co., Ltd. and Subsidiaries Consolidated Statements of Comprehensive Income

For the three-month periods ended 30 September 2017 and 2016, and nine-month periods ended 30 September 2017 and 2016 (Reviewed only, not audited in accordance with the generally accepted auditing standards)

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

	Notes	2017.7.1~2017.9.30	2016.7.1~2016.9.30	2017.1.1~2017.9.30	2016.1.1~2016.9.30
Interest income	4	\$47,380,802	\$41,814,119	\$137,314,950	\$125,724,060
Less: Interest expenses	•	(4,363,829)	(3,797,903)	(12,334,082)	(11,634,832)
Net interest income	4	43,016,973	38,016,216	124,980,868	114,089,228
Net income other than interest					
Net commission and handling fee		1,169,223	(1,454,939)	1,676,558	(4,989,707)
Net premiums from insurance business		79,345,089	77,131,791	231,902,511	232,087,195
Gains on financial assets and liabilities at fair value through profit or loss		3,889,935	33,680,906	73,968,866	60,407,716
Gains from investment properties		2,677,101	2,354,114	7,492,727	10,592,216
Realized gains on available-for-sale financial assets		24,622,600	20,111,388	59,997,103	40,781,519
Realized gains on held-to-maturity financial assets		186,741	811	201,761	54,738
(Losses) on foreign exchange		(4,625,158)	(43,122,922)	(91,595,229)	(79,065,096)
Impairment losses on assets		(51,244)	-	(93,340)	(87,262)
Share of profit of associates and joint ventures accounted for using the equity method		385,081	189,428	1,075,266	951,195
Net other non-interest gains		3,009,846	24,045,722	18,632,668	34,861,497
Total income		153,626,187	150,952,515	428,239,759	409,683,239
Bad debt expenses and provision for premiums reserve		(607,065)	(1,473,354)	(1,880,587)	(3,782,917)
Changes in insurance liabilities and provisions		(110,693,908)	(104,461,561)	(319,289,964)	(305,033,857)
Operating expenses	6.(23)				
Employee benefits expenses		(10,723,599)	(10,971,714)	(32,358,084)	(33,408,707)
Depreciation and amortizations expenses		(1,355,666)	(1,256,937)	(4,028,630)	(3,780,494)
Other general and administration expenses		(6,804,112)	(5,577,742)	(17,594,588)	(16,714,061)
Subtotal		(18,883,377)	(17,806,393)	(53,981,302)	(53,903,262)
Profit before income tax from continuing operations		23,441,837	27,211,207	53,087,906	46,963,203
Income tax expense	4, 6.(25)		(2,204,972)	(4,827,152)	(7,713,733)
Net income		21,805,675	25,006,235	48,260,754	39,249,470
Other comprehensive income	4, 6.(24))			
Not to be reclassified to profit or loss in subsequent periods:					
Revaluation gains on property		-	-	235,064	-
Share of other comprehensive income of associates and joint ventures					
accounted for using the equity method - not to be reclassified					
to profit or loss in subsequent periods		2,607	9,861	5,959	6,802
Changes of designated financial liabilities					
at fair value through profit or loss resulting from credit risk		146,231	(700,039)	(1,119,012)	199,409
Income tax relating to the components not to be reclassified					
to profit or loss in subsequent periods		(25,302)	117,330	142,977	(35,056)
To be reclassified to profit or loss in subsequent periods:					
Exchange differences resulting from translating the financial statements					
of a foreign operation		852,029	(3,814,418)	(2,284,746)	(8,918,998)
Unrealized gains from available-for-sale financial assets		7,651,983	22,697,467	44,987,318	31,231,137
Gains on cash flow hedges		(13,889)	(63,749)	36,615	7,582
Share of other comprehensive income of associates and joint ventures					
accounted for using the equity method - to be reclassified					
to profit or loss in subsequent periods		(160,036)	(634,534)	(1,280,612)	(877,077)
Income tax relating to the components to be reclassified		(2.161.942)	(616.566)	(2.040.521)	1 752 266
to profit or loss in subsequent periods		(2,161,842)	(616,566)	(2,940,531)	1,752,366
		6,291,781	16.005.252	27 792 022	22 266 165
Other comprehensive income, net of tax			16,995,352 \$42,001,587	37,783,032 \$86,043,786	23,366,165
Total comprehensive income		\$28,097,456	\$42,001,387	\$80,043,780	\$62,615,635
Net income attributable to:					
Owners of parent		\$21,708,555	\$24,867,699	\$47,944,086	\$38,751,510
Non-controlling interests		97,120	138,536	316,668	497,960
Subtotal		\$21,805,675	\$25,006,235	\$48,260,754	\$39,249,470
Total comprehensive income attributable to:					
Owners of parent		\$27,996,173	\$41,978,935	\$85,961,387	\$62,530,402
Non-controlling interests		101,283	22,652	82,399	85,233
Subtotal		\$28,097,456	\$42,001,587	\$86,043,786	\$62,615,635
Earnings per share (expressed in dollars) :	6.(26)				
Basic earnings per share:	0.(20)				
Net income		\$1.72	\$1.98	\$3.81	\$3.08
rec meonic		Ψ1./2	ψ1.70	ψ5.01	ψ5.00

Cathay Financial Holding Co., Ltd. and Subsidiaries

Consolidated Statements of Changes in Equity

For the nine-month periods ended 30 September 2017 and 2016

(Reviewed only, not audited in accordance with the generally accepted auditing standards)

(Expressed in thousands of New Taiwan Dollars)

	Equity attributable to owners of parent															
	Capital s	stock	•		Retained earnings					Other equity						
Items	Common stock	Preferred stock	Capital surplus	Legal reserve	Special reserve	Undistributed earnings	Exchange differences resulting from translating the financial statements of a foreign operation	Unrealized gains (losses) from available- for-sale financial assets	Gains (losses) on cash flow hedges	Changes of designated financial liabilities at fair value through profit or loss resulting from credit risk	Remeasurement s of defined benefit plans	Revaluation gains on property	Others	Total	Non-controlling interests	Total equity
Balance on 1 January 2016	\$125,632,102	\$-	\$88,781,174	\$24,820,095	\$140,185,120	\$65,190,213	\$1,865,366	\$(417,073)	\$371,524	\$83,462	\$(1,562,755)	\$10,108,783	\$(1,017)	\$455,056,994	\$6,005,208	\$461,062,202
Appropriations and distribution for 2015																
Legal reserve				5,757,629		(5,757,629)								-		-
Special reserve				3,737,027	8,923,216	(8,923,216)								_		_
Cash dividends					8,923,210									(25,126,420)		(25,126,420)
Cash dividends						(25,126,420)								(20,120,120)		(25,126, .26)
Other additional paid-in capital																
Share of changes in net assets of associates and joint ventures accounted																
for using the equity method			1,496											1,496		1,496
Net income for the nine-month period ended 30 September 2016						38,751,510								38,751,510	497,960	39,249,470
Other comprehensive income for the nine-month period ended 30 September 2016							(9,032,000)	32,633,444	6,293	165,509	5,646	-		23,778,892	(412,727)	23,366,165
Comprehensive income for the nine-month period ended 30 September 2016				-		38,751,510	(9,032,000)	32,633,444	6,293	165,509	5,646	-		62,530,402	85,233	62,615,635
Increase in non-controlling interests				-											75,731	75,731
Balance on 30 September 2016	\$125,632,102	\$-	\$88,782,670	\$30,577,724	\$149,108,336	\$64,134,458	\$(7,166,634)	\$32,216,371	\$377,817	\$248,971	\$(1,557,109)	\$10,108,783	\$(1,017)	\$492,462,472	\$6,166,172	\$498,628,644
Balance on 1 January 2017	\$125,632,102	\$8,333,000	\$130,448,697	\$30,577,724	\$149,108,336	\$73,001,761	\$(7,274,912)	\$4,023,159	\$191,534	\$120,321	\$(945,933)	\$10,108,783	\$-	\$523,324,572	\$6,499,449	\$529,824,021
Appropriations and distribution for 2016																
Legal reserve				4,762,117		(4,762,117)								-		-
Cash dividends						(25,126,420)								(25,126,420)		(25,126,420)
Cash dividends of preferred stock						(124,585)								(124,585)		(124,585)
Reversal of special reserve					(1,365)	1,365								-		-
Other additional paid-in capital																
Share of changes in net assets of associates and joint ventures accounted																
for using the equity method			(804)											(804)		(804)
Net income for the nine-month period ended 30 September 2017						47,944,086								47,944,086	316,668	48,260,754
Other comprehensive income for the nine-month period ended 30 September 2017							(2,815,815)	41,537,737	30,391	(928,780)	4,947	188,821	-	38,017,301	(234,269)	37,783,032
Comprehensive income for the nine-month period ended 30 September 2017		-	-	-		47,944,086	(2,815,815)	41,537,737	30,391	(928,780)	4,947	188,821	-	85,961,387	82,399	86,043,786
Share-based payment		· 	4,212	-					·		<u> </u>		 -	4,212		4,212
Increase in non-controlling interests			•											,	3,090,029	3,090,029
Balance on 30 September 2017	\$125,632,102	\$8,333,000	\$130,452,105	\$35,339,841	\$149,106,971	\$90,934,090	\$(10,090,727)	\$45,560,896	\$221,925	\$(808,459)	\$(940,986)	\$10,297,604	\$-	\$584,038,362	\$9,671,877	\$593,710,239
Smaller on 50 deptember 2017	. , , , , , , , , , , , , , , , , , , ,		. , . ,		. ,			. ,,	. , , , , , , , , , , , , , , , , , , ,				 :	,,	. , ,	

Cathay Financial Holding Co., Ltd. and Subsidiaries

Consolidated Statements of Cash Flows

For the nine-month periods ended 30 September 2017 and 2016

(Reviewed only, not audited in accordance with the generally accepted auditing standards) (Expressed in thousands of New Taiwan Dollars)

Items	2017.1.1~2017.9.30	2016.1.1~2016.9.30	Items	2017.1.1~2017.9.30	2016.1.1~2016.9.30
Cash flows from operating activities			Cash generated from operations	30,331,197	(9,778,313)
Profit before income tax from continuing operations	\$53,087,906	\$46,963,203	Interest received	133,790,260	122,348,960
Adjustments:			Dividends received	23,850,737	22,468,378
Income and other adjustments with no cash flow effects			Interest paid	(12,769,647)	(10,945,959)
Depreciation expenses	1,813,624	1,659,506	Income taxes paid	(7,757,078)	(3,323,246)
Amortizations expenses	2,215,006	2,120,988	Net cash flows from operating activities	167,445,469	120,769,820
Bad debt expense	1,880,587	3,782,917	Cash flows from investing activities		
Net gains on financial assets and liabilities at fair value through profit or loss	(68,225,219)	(56,760,515)	Acquisition of financial assets at fair value through profit or loss	(46,500)	(1,502,777)
Interest expenses	12,334,082	11,634,832	Disposal of financial assets at fair value through profit or loss	66,162	2,947,503
Interest revenue	(137,314,950)	(125,724,060)	Acquisition of financial assets available for sale	(668,726)	(1,156,500)
Dividend income	(23,725,799)	(21,981,711)	Disposal of financial assets available for sale	655,569	587,212
Net changes in insurance liabilities and provisions	261,928,668	229,460,240	Acquisition of financial assets carried at cost	(8,241)	(5,745)
Net changes of other liabilities and provisions	(405,613)	(5,795,243)	Acquisition of investments accounted for using the equity method	(1,564,888)	(616,752)
Share of gain of associates and joint ventures accounted for using the equity method	(1,075,266)	(951,195)	Disposal of investments accounted for using the equity method	49,503	(010,732)
Losses (gains) on disposal or scrapping of property and equipment	14,210	(233,861)	Acquisition of subsidiaries	47,303	(4,708,708)
	(77,376)		Disposal of subsidiaries	-	
Gains on disposal of investment properties		(860,045)		247.065	(4,609,822)
Losses on disposal or intangible assets	42	391	Cash returned by capital deduction from investments accounted for using equity method	247,965	47,811
Gains on disposal of investments	(50,003,740)	(38,970,798)	Acquisition of property and equipment	(3,274,372)	(3,518,701)
Impairment losses on financial assets	93,340	87,262	Disposal of property and equipment	20,485	316,761
Unrealized foreign exchange gains	(78,809)	(14,380)	Increase in clearing and settlement funds	(6,506)	(1,474)
Revaluation losses (gains) on investment properties	341,643	(2,038,274)	Increase in guarantee deposits paid	(40,600)	-
Others	6,471	(2,730,339)	Decrease in guarantee deposits paid	837	30,330
Subtotal	(279,099)	(7,314,285)	Acquisition of intangible assets	(300,334)	(269,001)
Changes in operating assets and liabilities			Acquisition of investment properties	(5,487,180)	(2,407,478)
Increase in due from the Central Bank and call loans to banks	(1,511,741)	(1,322,300)	Disposal of investment properties	166,698	1,068,000
(Increase) decrease in financial assets at fair value through profit or loss	(46,243,593)	91,915,477	Increase in other assets	(80,217)	(34,828)
Decrease (increase) in available-for-sale financial assets	80,750,085	(15,516,759)	Decrease in other assets	7,571,136	17,706,010
Increase in derivative financial assets for hedging	(54)	(1,630)	Dividends received	60,475	94,918
Decrease (increase) in accounts receivable	3,101,244	(10,805,729)	Net cash flows from investing activities	(2,638,734)	3,966,759
Increase in loans	(40,833,125)	(153,352,784)	Cash flows from financing activities		
Decrease (increase) in reinsurance contract assets	1,104,317	(2,955,571)	Increase in short-term borrowings	379,080	40,440
(Increase) decrease in financial assets held to maturity	(9,748,088)	5,985,796	Increase in commercial paper payable	9,840,000	440,000
Increase in other financial assets	(157,174,086)	(8,563,278)	Issue of financial debentures	35,000,000	-
Decrease (increase) in other assets	7,401,267	(3,531,139)	Issue of corporate bonds	11,450,000	_
Subtotal	(163,153,774)	(98,147,917)	(Decrease) increase in bills and bonds sold under agreements to repurchase	(46,444)	56,454
Changes in operating liabilities		(* 2)	Increase in other liabilities	381,481	3,151,548
Increase in due to the Central Bank and call loans from banks	15,925,383	21,703,978	Payment of cash dividend	(25,251,005)	(25,223,449)
Decrease in financial liabilities at fair value through profit or loss	(27,474,686)	(97,759,484)	Net cash flows from financing activities	31,753,112	(21,535,007)
Increase (decrease) in securities purchased under agreements to repurchase	42,819,072		Effects of exchange rate changes on cash and cash equivalents	733,343	(35,215)
Increase in payables	45,169,370	10,675,220	Increase in cash and cash equivalents	197,293,190	103,166,357
Increase in deposits	60,592,368	134,133,210	Cash and cash equivalents at the beginning of periods	264,597,958	296,935,688
Decrease in provisions for the liabilities of employee benefits	(78,226)	(4,451,327)	• • • •	\$461,891,148	\$400,102,045
			Cash and cash equivalents at the end of periods	J401,091,140	\$400,102,043
Increase (decrease) in reserves for the operations and liabilities	7,801	(66,809)			
Increase (decrease) in other financial liabilities	349,819	(6,993,532)	The components of cash and cash equivalents	¢251 (12 00)	\$201 <40 000
Increase (decrease) in other liabilities	3,365,263	(888,920)	Cash and cash equivalents presented in balance sheet	\$351,613,826	\$291,642,002
Subtotal	140,676,164	48,720,686	Due from the Central Bank and call loans to banks satisfied the definition of cash and	20.220.45=	10 100
Subtotal of Changes in operating assets and liabilities	(22,477,610)	(49,427,231)	cash equivalents under IAS No.7	28,220,195	48,122,985
Subtotal of Adjustment	(22,756,709)	(56,741,516)	Bills sold under agreements to resell satisfied the definition of cash and cash equivalents		
			under IAS No.7	82,057,127	60,337,058
			Cash and cash equivalents at the end of periods	\$461,891,148	\$400,102,045

Cathay Financial Holding Co., Ltd. and Subsidiaries

Notes to Consolidated Financial Statements

For the nine-month periods ended 30 September 2017 and 2016

(30 September 2017 and 2016 reviewed only, not audited in accordance with the generally accepted auditing standards)

(Expressed in thousands of New Taiwan Dollars unless Otherwise Specified)

1. Organization and business scope

On 31 December 2001, Cathay Life Insurance Co., Ltd. ("Cathay Life") was reincorporated as Cathay Financial Holding Co., Ltd. (the "Company") through stock conversion pursuant to the Republic of China ("ROC") Financial Holding Company Act ("Financial Holding Company Act") and its shares were listed on the Taiwan Stock Exchange Corporation (TWSE) on the same day. On 22 April 2002, Cathay Century Insurance Co., Ltd. ("Cathay Century") and Cathay United Bank Co., Ltd. ("Cathay United Bank") became subsidiaries of the Company through stock conversion approved by the government. On 18 December 2002, United World Chinese Commercial Bank Co., Ltd. ("UWCCB") also became a subsidiary of the Company through stock conversion approved by the government. UWCCB and Cathay United Bank merged on 27 October 2003, in accordance with the relevant laws and regulations. UWCCB was the surviving company and was re-named Cathay United Bank Co., Ltd. ("Cathay United Bank"). On 12 May 2004, the Company established Cathay Securities Corporation ("Cathay Securities") as a wholly owned subsidiary. On 30 September 2005, the Company invested in Lucky Bank, Inc. ("Lucky Bank") which was approved as a strategic investment by the Financial Supervisory Commission ("FSC"), Executive Yuan. Lucky Bank became a subsidiary of the Company by stock conversion on 25 August 2006. Cathay United Bank merged with Lucky Bank on 1 January 2007. Cathay United Bank acquired specific assets, liabilities, and business of China United Trust & Investment Corporation ("CUTIC") on 29 December 2007 to improve competitiveness. Cathay Venture Inc. ("Cathay Venture") was incorporated on 16 April 2003, under the Company Act. Cathay Venture is the surviving company from the merger with Cathay Venture, Cathay II Venture and Cathay Capital Management on 10 August 2009. On 13 June 2011, the Company obtained the acquisition approval of Cathay Securities Investment Trust Co., Ltd. (Cathay Securities Investment Trust) from FSC of Executive Yuan and acquired all shares of Cathay Securities Investments Trust by cash purchase on 24 June 2011. On 29 July 2003, the Company listed a portion of its common shares on the Luxembourg Stock Exchange (LSE) in the form of Global Depositary Shares (GDSs). The Company mainly engages in financial holding business.

Cathay Life has participated and won the bid, which was held by the Taiwan Insurance Guaranty Fund, for the takeover of the assets, liabilities and operations of Global Life Insurance Co., Ltd. and Singfor Life Insurance Co., Ltd. Cathay Life entered into the general assignment and assumption agreement on 27 March 2015. Cathay Life assumed all assets, liabilities and operations of Global Life Insurance Co., Ltd. and Singfor Life Insurance Co., Ltd., except for their reserved assets and liabilities on 1 July 2015.

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

The consolidated financial statements of the Company and subsidiaries (the Group) for the ninemonth periods ended 30 September 2017 and 2016 were authorized for issue in accordance with a resolution of the board of directors on 8 November 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 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:

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 recognises 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: Recognise 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.

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.

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 equitysettled 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 equitysettled share-based payment transaction is measured by reference to the fair value of the equity instruments granted at the modification date and is recognised 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 derecognised on that date. Any difference between the carrying amount of the liability derecognised and the amount recognised in equity on the modification date is recognised immediately in profit or loss. The amendments are effective for annual periods beginning on or after 1 January 2018.

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 2021. 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.

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 organisation, 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 recognises 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 above mentioned standards and interpretations are issued by IASB and recognized by FSC so that they are applicable for annual periods beginning on or after 1 January 2018. The Group is currently determining the potential impact of the standards and interpretations mentioned above.

(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.

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 supersedes IFRS 4 and establishes principles for the recognition, measurement, presentation and disclosure of insurance contracts issued, reinsurance contracts held and investment contracts with discretionary participation features issued. IFRS17 requires an entity to divide a portfolio of insurance contracts issued into a minimum of a group of contracts that are onerous at initial recognition, a group of contracts that at initial recognition have no significant possibility of becoming onerous subsequently, and a group of the remaining contracts in the portfolio. An entity shall recognise a group of insurance contracts it issues from the earliest of the following: the beginning of the coverage period of the group of contracts, the date when the first payment from a policyholder in the group becomes due, and for a group of onerous contracts, when the group becomes onerous.

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.

In addition to general model, the Standard required investment contracts with discretionary participation features to apply variable fee approach (VFA), a modification of general model. If certain criteria are met, an entity may apply the premium allocation approach (PAA), a simplified measurement approach, to measure the carrying amount of the liability for remaining coverage.

IFRS 17 is effective for annual periods beginning on or after 1 January 2021.

D. IAS 28"Investment in Associates and Joint Ventures" — Amendments to IAS 28

The amendments clarify that an entity applies IFRS 9 to long-term interests in an associate or joint venture that form part of the net investment in the associate or joint venture before it applies IAS 28, and in applying IFRS 9, does not take account of any adjustments that arise from applying IAS 28. The amendment is effective for annual reporting periods beginning on or after 1 January 2019.

E. IFRS 9 "Financial Instruments" — Amendments to IFRS 9

The amendment allows financial assets with prepayment features that permit or require a party to a contract either to pay or receive reasonable compensation for the early termination of the contract, to be measured at amortised cost or at fair value through other comprehensive income. The amendment is effective for annual reporting periods beginning on or after 1 January 2019.

The above mentioned standards and interpretations issued by IASB have not yet been endorsed by FSC at the date when the Company's financial statements were authorized for issue, the local effective dates are to be determined by FSC. The Group is 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 nine-month periods ended 30 September 2017 and 2016 have been prepared in accordance with the "Regulations Governing the Preparation of Financial Reports by Financial Holding Companies", the "Regulations Governing the Preparation of Financial Reports by Securities Issuers", and IAS 34 "Interim Financial Reporting" as endorsed by FSC of the Republic of China.

(2) Basis of preparation

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

(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:

- A. the contractual arrangement with the other vote holders of the investee
- B. rights arising from other contractual arrangements
- C. the Group's voting rights and potential voting rights

The Group 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 Group 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 Group 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
- F. Reclassifies the Company's share of components previously recognized in other comprehensive income to profit or loss

The consolidated entities are listed as follows:

Investor	Subsidiary	Business nature	2017.9.30	2016.12.31	2016.9.30	Notes
The	Cathay Life Insurance Co.,	Life insurance	100.00	100.00	100.00	Cathay Life was incorporated in Taiwan
Company	Ltd. ("Cathay Life")					on 23 October 1962, under the ROC
						Company Act (the "Company Act").
The	Cathay United Bank Co.,	Commercial	100.00	100.00	100.00	UWCCB was enfranchised by the ROC
Company	Ltd. ("Cathay United	banking				government on 4 January 1975. On 27
	Bank")	operations				October 2003, UWCCB was merged with
						the former Cathay United Bank which
						was dissolved after the merger; the
						merged entity was renamed Cathay
						United Bank. The new Cathay United
						Bank merged with Lucky Bank on 1
						January 2007.

Investor	Subsidiary	Business nature	2017.9.30	2016.12.31	2016.9.30	Notes
The Company	Cathay Century Insurance	Property and casualty insurance	100.00	100.00		Cathay Century was incorporated in Taiwan on 19 July 1993, under the Company Act. Cathay Century changed its name from "Tong Tai Insurance Co., Ltd." to "Cathay Century Insurance Co., Ltd." on 2 August 2002.
The Company	Cathay Securities Corporation ("Cathay Securities")	Securities	100.00	100.00	100.00	Cathay Securities was incorporated on 12 May 2004, under the Company Act. The securities department and the securities agent (Taipei branch) of Cathay United Bank were assigned to Cathay Securities along with its business, assets and liabilities. The assignment date was 13 August 2004.
The Company	Cathay Venture Inc. ("Cathay Venture")	Venture capital investment	100.00	100.00		Cathay Venture was incorporated on 16 April 2003, under the Company Act. Cathay Venture is the surviving company from the merger with Cathay Venture, Cathay II Venture and Cathay Capital Management on 10 August 2009.
The Company	Cathay Securities Investment Trust Co., Ltd. ("Cathay Securities Investment Trust")	Securities investment trust	100.00	100.00	100.00	Cathay Securities Investment Trust was incorporated on 11 February 2000.
Cathay Life	Cathay Lujiazui Life Insurance Company Limited. ("Cathay Lujiazui Life")	Life insurance	50.00	50.00		Cathay Lujiazui Life was incorporated on 29 December 2004. Cathay Life and Shanghai Lujiazui Finance Tradezone Development Co., Ltd. each owns 50% interest in Cathay Lujiazui Life.
Cathay Life	Cathay Life Insurance (Vietnam) Co., Ltd. ("Cathay Life (Vietnam)")	Life insurance	100.00	100.00	100.00	Cathay Life (Vietnam) was incorporated on 21 November 2007.
Cathay Life	Yuan")	Office equipment leasing company	100.00	100.00		Lin Yuan was incorporated on 15 August 2012.
Cathay Life	Exchange Holding 1	Real estate investment and management	100.00	100.00		Cathay Woolgate Exchange Holding 1 Limited was incorporated on 30 July 2014.

Investor	Subsidiary	Business nature	2017.9.30	2016.12.31	2016.9.30	Notes
Cathay Life	Cathay Woolgate	Real estate	100.00	100.00	100.00	Cathay Woolgate Exchange Holding 2
	Exchange Holding 2	investment and				Limited was incorporated on 30 July
	Limited	management				2014.
Cathay Life	Cathay Walbrook Holding	Real estate	100.00	100.00	100.00	Cathay Walbrook Holding 1 Limited
	1 Limited	investment and				was incorporated on 31 March 2015.
		management				
Cathay Life	Cathay Walbrook Holding	Real estate	100.00	100.00	100.00	Cathay Walbrook Holding 2 Limited was
	2 Limited	investment and				incorporated on 31 March 2015.
		management				
Cathay Life	Conning Holdings Limited	Holding	100.00	100.00	100.00	Conning Holdings Limited was
		company				incorporated on 10 June 2015.
Conning	Conning U.S. Holdings,	Holding	100.00	100.00	100.00	Conning U.S. Holdings, Inc. was
Holdings	Inc.	company				incorporated on 10 June 2015.
Limited						
Conning	Conning Asset	Wealth	100.00	100.00	100.00	Conning Asset Management Ltd. was
Holdings	Management Ltd.	Management				incorporated on 16 October 1998.
Limited						
Conning	Conning Japan Ltd.	Wealth	100.00	100.00	100.00	Conning Japan Ltd. was incorporated on
Holdings		Management				7 September 2015.
Limited						
Conning	Conning (Germany) GmbH	Risk	100.00	100.00	100.00	Conning (Germany) GmbH was
Holdings		management				incorporated on 1 October 2012.
Limited		software				
The	Conning Asia Pacific Ltd.	Wealth	100.00	100.00	100.00	Cathay Conning Asset Management Ltd.
Company &		Management				was incorporated on 6 July 2011.
Conning						
Holdings						
Limited						
Conning	Conning Holdings Corp.	Holding	100.00	100.00	100.00	Conning Holdings Corp. was
U.S.		company				incorporated on 5 June 2009.
Holdings,						
Inc.						
Conning	Conning & Company	Holding	100.00	100.00	100.00	Conning & Company was incorporated
Holdings		company				on 10 July 1986.
Corp.						
Conning &	Conning Inc.	Wealth	100.00	100.00	100.00	Conning Inc. was incorporated on 25
Company		Management				March 2007.
Conning &	Goodwin Capital	Wealth	100.00	100.00	100.00	Goodwin Capital Advisors, Inc. was
Company	Advisors, Inc.	Management				incorporated on 28 August 2000.

Investor	Subsidiary	Business nature	2017.9.30	2016.12.31	2016.9.30	Notes
Conning &	Conning Investments	Securities	100.00	100.00	100.00	Conning Investments Products, Inc. was
Company	Products, Inc.					incorporated on 13 February 2012.
Conning &	Octagon Credit Investors,	Investment	82.05	82.05	82.05	Octagon Credit Investors, LLC was
Company	LLC	consulting				incorporated on 19 December 2011.
		services				
Octagon	Octagon Multi-Strategy	Fund	100.00	100.00	100.00	Octagon Multi-Strategy Corporate
Credit	Corporate Credit GP, LLC	management				Credit GP, LLC was incorporated on 26
Investors,		services				November 2014.
LLC						
Octagon	Octagon Funds GP LLC	Fund	100.00	100.00	100.00	Octagon Funds GP LLC was
Credit		management				incorporated on 26 November 2014.
Investors,		services				
LLC						
Octagon	Octagon Funds GP II LLC	Fund	100.00	100.00	100.00	Octagon Funds GP II LLC was
Credit		management				incorporated on 26 November 2014.
Investors,		services				
LLC						
Octagon	Octagon Funds I, LLC	Fund	100.00	-	-	Octagon Funds I, LLC was incorporated
Credit		management				on 17 January 2017.
Investors,		services				
LLC						
Octagon	Octagon Funding II, LLC	Fund	100.00	-	-	Octagon Funding II, LLC was
Credit		management				incorporated on 16 June 2017.
Investors,		services				
LLC						
Cathy	Cathay Insurance	Property and	100.00	100.00	100.00	Cathay Century (Vietnam) was
Century	(Vietnam) Co., Ltd.	casualty				incorporated on 2 November 2010.
	("Cathay Century	insurance				
	(Vietnam)")					
Cathay	Indovina Bank Limited	Wholesale	50.00	50.00	50.00	Indovina Bank was incorporated in
United Bank	("Indovina Bank")	banking				Vietnam on 21 November 1990.
						Cathay United Bank and Vietinbank
						each owns 50% interest of Indovina
						Bank.
Cathay	Cathay United Bank	Wholesale	100.00	100.00	100.00	SBC Bank was incorporated in
United Bank	(Cambodia) Corporation	banking				Cambodia on 1993 and renamed as
	Limited ("CUBC Bank")					CUBC Bank on 14 January 2014.

Investor	Subsidiary	Business nature	2017.9.30	2016.12.31	2016.9.30	Notes
Cathay	Cathay Futures Co., Ltd.	Futures related	99.99	99.99	99.99	Cathay Futures, former Seaward Futures
Securities	("Cathay Futures")	business				Agency Co., Ltd., was incorporated on
						29 December 1993, under the Company
						Act and was renamed Seaward Futures
						Corp. on 6 March 1998. On 24
						December 2003, Seaward Futures Corp.
						changed its name to Cathay Futures
						Corp. On 10 February 2006, Cathay
						United Bank sold all stocks of Cathay
						Futures to Cathay Securities.
Cathay	Cathay Securities (Hong	Securities	100.00	100.00	100.00	Cathay Securities (Hong Kong),
Securities	Kong) Corporation	agent				formerly Horizon Securities (Hong
	Limited ("Cathay					Kong) Co., Ltd., was incorporated on 22
	Securities (Hong Kong)")					March 2007 and was renamed as Cathay
						Securities (Hong Kong) Co., Ltd. after
						the acquisition.

The consolidated financial statements excluded the following subsidiaries as the respective total assets and operating revenues were considered immaterial to the Group.

			2017.9.30	2016.12.31	2016.9.30	
			Ownership	Ownership	Ownership	
Investor	Investee	Business	interest	interest	interest	Notes
Cathay	Cathay Insurance (Bermuda)	Class 3 general	100.00	100.00	100.00	Cathay Insurance (Bermuda) was
Life	Co., Ltd. ("Cathay	business				incorporated on 24 January 2000.
	Insurance (Bermuda)")	insurers and a				
		long-term				
		insurer				
Cathay	Cathay Securities	Securities	100.00	100.00	100.00	Cathay Securities Investment Consulting
Life	Investment Consulting Co.,	investment				was incorporated on 25 November 2002.
	Ltd. ("Cathay Securities	consulting				
	Investment Consulting")					
Cathay	Seaward Card Co., Ltd.	Temporary	-	100.00	100.00	Seaward Card was incorporated on 9 April
United	(Note) ("Seaward Card")	employment				1999.
Bank						
Cathay	Cathy Investment Consulting	Investment	100.00	100.00	100.00	Cathy Investment Consulting (Shanghai) Co.,
Securities	(Shanghai) Co., Ltd.	Consulting				Ltd. was incorporated on 11 June 2014.

Note: Cathay United Bank sold the Seaward Card Co., Ltd. to related party, Symphox Information Co., Ltd, on 21 July 2017. Please refer to Note 6.(7) for details on disposal.

(4) Foreign currency transactions

The Group's consolidated financial statements are presented in NT\$, which is also the Company's functional currency. Each entity in the Group determines its own functional currency and items included in the financial statements of each entity are measured using that 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.

(5) Translation of financial statements in foreign currency

The assets and liabilities of foreign operations are translated into NT\$ 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.

On the partial disposal of a subsidiary that includes a foreign operation that does not result in a loss of control, the proportionate share of the cumulative amount of the exchange differences recognized in other comprehensive income is re-attributed to the non-controlling interests in that foreign operation. In partial disposal of an associate or joint arrangement that includes a foreign operation that does not result in a loss of significant influence or joint control, only the proportionate share of the cumulative amount of the exchange differences recognized in other comprehensive income is reclassified to profit or loss.

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.

(6) Cash and cash equivalents

Cash and cash equivalents comprises 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 as cash equivalents when they have maturities of less than 12 months and can be readily convertible to known amounts of cash and be subject to an insignificant risk of changes in value.

(7) The transaction of Repo notes and bonds

The transaction of notes and bonds with repurchase or reverse repurchase is recognized as liabilities of notes and bonds with repurchase agreement and investment of notes and bonds with reverse repurchase agreement according to the law of financing; the difference between book value and strike price is recognized as interest revenue or interest expense.

(8) Financial instruments

Financial assets and financial liabilities are recognized when the Group becomes a party to the contractual provisions of the instrument.

Financial assets and financial liabilities within the scope of IAS 39 *Financial Instruments: Recognition and Measurement* are recognized initially at fair value plus or minus, in the case of investments not at fair value through profit or loss, directly attributable transaction costs.

A. Financial assets

The Group accounts for regular way purchase or sales of financial assets on the trade date.

Financial assets of the Group are classified as financial assets at fair value through profit or loss, held-to-maturity investments, investments in debt securities with no active market, available-for-sale financial assets, derivative financial assets for hedging and loans and receivables. The Group determines the classification of its financial assets at initial recognition.

Financial assets at fair value through profit or loss

Financial assets at fair value through profit or loss include financial assets held for trading and financial assets designated upon initial recognition 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 actual pattern of short-term profit-taking.
- (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 with changes in fair value 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). If financial assets do not have quoted prices in an active market and their fair value cannot be reliably measured, then they are classified as financial assets measured at cost on balance sheet and carried at cost net of accumulated impairment losses, if any, as at the reporting date.

Available-for-sale financial assets

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

Foreign exchange gains and losses and interest calculated using the effective interest method relating to monetary available-for-sale financial assets, or dividends on an available-for-sale equity instrument, are recognized in profit or loss. Subsequent measurement of available-for-sale financial assets at fair value is recognized in equity until the investment is derecognized, at which time the cumulative gain or loss is recognized in profit or loss.

If equity instrument investments do not have quoted prices in an active market and their fair value cannot be reliably measured, then they are classified as financial assets measured at cost on balance sheet and carried at cost net of accumulated impairment losses, if any, as at the reporting date.

Held-to-maturity financial assets

Non-derivative financial assets with fixed or determinable payments and fixed maturities are classified as held-to-maturity when the Group has the positive intention and ability to hold it to maturity, other than those that are designated as available-for-sale, classified as financial assets at fair value through profit or loss, or meet the definition of loans and receivables.

After initial measurement held-to-maturity financial assets are measured at amortized cost using the effective interest method, less impairment. Amortized cost is calculated by taking into account any discount or premium on acquisition and fee or transaction costs. The effective interest method amortization is recognized in profit or loss.

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 than those that the Group upon initial recognition designates as available for sale, classified as at fair value through profit or loss, or those for which the holder may not recover substantially all of its initial investment.

Loans and receivables are separately presented on the balance sheet as receivables or debt instrument investments for which no active market exists. After initial measurement, such financial assets are subsequently measured at amortized cost using the effective interest rate method, less impairment. Amortized cost is calculated by taking into account any discount or premium on acquisition and fee or transaction costs. The effective interest method amortization is recognized in profit or loss.

Derivative financial assets for hedging

The Group uses derivative financial instruments to hedge its foreign currency risks and interest rate risks. A derivative is classified in the balance sheet as financial assets at fair value through profit or loss (held for trading) except for derivatives that are designated effective hedging instruments which are classified as derivative financial assets for hedging.

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 or impaired, as well as through the amortization process.

Impairment of financial assets

The Group 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 if, and only if, 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 financial 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.

Other loss events include:

- (A) significant financial difficulty of the issuer or obligor
- (B) a breach of contract, such as a default or delinquency in interest or principal payments
- (C) it becoming probable that the borrower will enter bankruptcy or other financial reorganization
- (D) the disappearance of an active market for that financial asset because of financial difficulties

For held-to-maturity financial assets and loans and receivables measured at amortized cost, the Group first assesses individually whether objective evidence of impairment exists individually for financial asset that are individually significant, or collectively for financial assets that are not individually significant. If the Group determines that no objective evidence of impairment exits for an individually assessed financial asset, whether significant or not, it includes the asset in a group of financial assets with similar credit risk characteristics and collectively assesses them for impairment. If there is objective evidence that an impairment loss has been incurred, the amount of the loss is measured as the difference between the assets carrying amount and the present value of estimated future cash flows. The present value of the estimated future cash flows 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. Interest income is accrued based on the reduced carrying amount of the asset, using the rate of interest used to discount the future cash flows for the purpose of measuring the impairment loss. The interest income is recognized in profit or loss; loans together with the associated allowance are written off when there is no realistic prospect of future recovery and all collateral has been realized or has been transferred to the Group. If, in a subsequent year, the amount of the estimated impairment loss increases or decreases because of an event occurring after the impairment was recognized, the previously recognized impairment loss is increased or reduced by adjusting the allowance account. If a future write-off is later recovered, the recovery is credited to profit or loss.

In the case of equity investments classified as available-for-sale, where there is evidence of impairment, the cumulative loss – measured as the difference between the acquisition cost and the current fair value, less any impairment loss on that investment previously recognized in profit or loss – is removed from other comprehensive income and recognized in profit or loss. Impairment losses on equity investments are not reversed through profit or loss; increases in their fair value after impairment are recognized directly in other comprehensive income.

In the case of debt instruments classified as available-for-sale, the amount recorded for impairment is the cumulative loss measured as the difference between the amortized cost and the current fair value, less any impairment loss on that investment previously recognized in profit or loss. Future interest income continues to be accrued based on the reduced carrying amount of the asset, using the rate of interest used to discount the future cash flows for the purpose of measuring the impairment loss. The interest income is recognized in profit or loss. If, in a subsequent year, the fair value of a debt instrument increases and the increase can be objectively related to an event occurring after the impairment loss was recognized in profit or loss, the impairment loss is reversed through profit or loss.

Derecognition of financial assets

Financial asset is derecognized when:

- (A) The rights to receive cash flows from the asset have expired
- (B) The Group has transferred the asset and substantially all the risks and rewards of the asset have been transferred
- (C) The Group has neither transferred nor retained substantially all the risks and rewards of the asset, but has transferred control of the asset.

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.

The reclassification of financial assets

According to IAS 39 *Financial Instruments: Recognition and Measurement*, the group reclassified financial instruments based on the requirements listed below.

- (A) The disallowance of reclassification of derivatives instruments held or issued at fair value through profit and loss.
- (B) The disallowance of reclassification of any financial instrument which was originally designed as at fair value through profit and loss.
- (C) The disallowance of reclassification from any financial instrument to the category recorded at fair value through profit and loss.
- (D) If the change of intention or ability resulting in the impropriety that the investment is classified as held-to-maturity financial assets, such investment should be reclassified to available-for-sale financial assets remeasurement at fair value. The difference between book value and fair value should be recognized as the items of OCI.
- (E) If the investment is sold or reclassified as held-to-maturity financial assets before the date of maturity in the current period or previous two fiscal years, the amount of investment is not less than material, it is banned to classify any financial asset into held-to-maturity. If there is remaining held-to-maturity financial asset, it should be reclassified to available-for-sale financial assets.

B. Financial liabilities and equity

Classification between liabilities or equity

The Group classifies the instrument issued as a financial liability or an equity instrument in accordance with the substance of the contractual arrangement and the definitions of a financial liability, and an equity instrument.

Equity instruments

An equity instrument is any contract that evidences a residual interest in the assets of an entity after deducting all of its liabilities. The transaction costs of an equity transaction are accounted for as a deduction from equity (net of any related income tax benefit) to the extent they are incremental costs directly attributable to the equity transaction that otherwise would have been avoided.

Compound instruments

The Group evaluates the terms of the convertible bonds issued to determine whether it contains both a liability and an equity component. Furthermore, the Group assesses if the economic characteristics and risks of the put and call options contained in the convertible bonds are closely related to the economic characteristics and risk of the host contract before separating the equity element.

For the liability component excluding the derivatives, its fair value is determined based on the rate of interest applied at that time by the market to instruments of comparable credit status. The liability component is classified as a financial liability measured at amortized cost before the instrument is converted or settled.

For the embedded derivative that is not closely related to the host contract (for example, if the exercise price of the embedded call or put option is not approximately equal on each exercise date to the amortized cost of the host debt instrument), it is classified as a liability component and subsequently measured at fair value through profit or loss unless it qualifies for an equity component. The equity component is assigned the residual amount after deducting from the fair value of the instrument as a whole the amount separately determined for the liability component. Its carrying amount is not remeasured in the subsequent accounting periods. If the convertible bond issued does not have an equity component, it is accounted for as a hybrid instrument in accordance with the requirements under IAS 39 Financial Instruments: Recognition and Measurement.

Transaction costs are apportioned between the liability and equity components of the convertible bond based on the allocation of proceeds to the liability and equity components when the instruments are initially recognized.

On conversion of a convertible bond before maturity, the carrying amount of the liability component being the amortized cost at the date of conversion is transferred to equity.

Financial liabilities

Financial liabilities within the scope of IAS 39 *Financial Instruments: Recognition and Measurement* are classified as financial liabilities at fair value through profit or loss or financial liabilities measured at amortized cost upon initial recognition.

Financial liabilities at fair value through profit or loss

Financial liabilities at fair value through profit or loss include financial liabilities held for trading and financial liabilities designated upon initial recognition as at fair value through profit or loss. A financial liability 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.
- (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 liability at fair value through profit or loss; or a financial liability 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.

Gains or losses on the subsequent measurement of liabilities at fair value through profit or loss including interest paid is recognized in profit or loss.

For financial liabilities designated as at FVTPL, 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 the financial liabilities at fair value through profit or loss do not have quoted prices in an active market and their fair value cannot be reliably measured, then they are classified as financial liabilities measured at cost on balance sheet and carried at cost as at the reporting date.

Derivative financial liabilities for hedging

Derivative financial liabilities that have been designated in hedge accounting and are effective hedging instruments are measured at fair value.

Financial liabilities at amortized cost

Financial liabilities measured at amortized cost include interest bearing loans and borrowings that are subsequently measured using the effective interest rate method after initial recognition. Gains and losses are recognized in profit or loss when the liabilities are derecognized as well as through the effective interest rate method amortization process.

Amortized cost is calculated by taking into account any discount or premium on acquisition and fees or transaction costs.

Derecognition of 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 (whether or not attributable to the financial difficulty of the debtor), 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 and the consideration paid, including any non-cash assets transferred or liabilities assumed, is recognized in profit or loss.

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.

(9) Derivative financial instrument

The Group uses derivative financial instruments to hedge its foreign currency risks and interest rate risks. A derivative is classified in the balance sheet as financial assets or liabilities at fair value through profit or loss (held for trading) except for derivatives that are designated effective hedging instruments which are classified as derivative financial assets or liabilities for hedging.

Derivative financial instruments are initially recognized at fair value on the date on which a derivative contract is entered into and are subsequently remeasured at fair value. Derivatives are carried as financial assets when the fair value is positive and as financial liabilities when the fair value is negative. Any gains or losses arising from changes in the fair value of derivatives are taken directly to profit or loss, except for the effective portion of cash flow hedges, which is recognized in equity.

Derivatives embedded in host contracts are accounted for as separate derivatives and recorded at fair value if their economic characteristics and risks are not closely related to those of the host contracts and the host contracts are not held for trading or designated at fair value though profit or loss. These embedded derivatives are measured at fair value with changes in fair value recognized in profit or loss.

(10) 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 by the Group.

The fair value of an asset or a liability is measured using the assumptions that market participants would use when pricing the asset or liability, assuming that market participants act 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.

(11) Investments accounted for using the equity method

The Group's investment in its associate is accounted for using the equity method other than those that meet the criteria to be classified as held for sale. An associate is an entity over which the Group 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.

Under the equity method, the investment in the associate or an investment in a joint venture is carried in the balance sheet at cost and adjusted thereafter for the post-acquisition change in the Group's share of net assets of the associate or joint venture. After the interest in the associate or joint venture is reduced to zero, additional losses are provided for, and a liability is recognized, only to the extent that the Group has incurred legal or constructive obligations or made payments on behalf of the associate or joint venture. Unrealized gains and losses resulting from transactions between the Group and the associate or joint venture are eliminated to the extent of the Group's related interest in the associate or joint venture.

When changes in the net assets of an associate or a joint venture occur and not those that are recognized in profit or loss or other comprehensive income and do not affect the Group's percentage of ownership interests in the associate or joint venture, the Group recognizes such changes in equity based on its percentage of ownership interests. The resulting capital surplus recognized will be reclassified to profit or loss at the time of disposing the associate or joint venture on a pro rata basis.

When the associate or joint venture issues new stock, and the Group's interest in an associate or a joint venture is reduced or increased as the Group 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 investment 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 are 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 Group disposes of the associate or joint venture.

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

The Group 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 in accordance with IAS 39 *Financial Instruments: Recognition and Measurement*. If this is the case the Group 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' in the statement of comprehensive income in accordance with IAS 36 *Impairment of Assets*. In determining the value in use of the investment, the Group estimates:

- A. Its share of the present value of the estimated future cash flows expected to be generated by the associate or joint venture, including the cash flows from the operations of the associate and the proceeds on the ultimate disposal of the investment
- B. The present value of the estimated future cash flows expected to arise from dividends to be received from the investment and from its ultimate disposal

Because goodwill that forms 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 impairment testing goodwill in IAS 36 *Impairment of Assets*.

Upon loss of significant influence over the associate or joint venture, the Group 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 remeasure the retained interest.

(12) Property, plant and equipment

Property, plant and equipment are stated at cost, net of accumulated depreciation and 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. Each part of an item of property, plant and equipment with a cost that is significant in relation to the total cost of the item is depreciated separately. When significant parts of property, plant and equipment are required to be replaced in intervals, the Group recognized such parts as individual assets with specific useful lives and depreciation, respectively. The carrying amount of those parts that are replaced is derecognized in accordance with the derecognition provisions of IAS 16 *Property, plant and equipment*. 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 basis over the estimated economic lives of the following assets:

Buildings $5 \sim 70$ yearsComputer equipment $3 \sim 8$ yearsTransportation equipment $3 \sim 7$ yearsOther equipment $2 \sim 15$ years

Leasehold improvements The shorter of lease terms or economic useful lives

Leased assets $3\sim 5$ years

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

(13) Investment property

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 fair value model, with changes in the fair value under the fair value model being recognized in profit or loss according to the requirements of IAS 40, 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.

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.

Assets are transferred to or from investment properties when there is a change in use.

(14) Leases

Group as a lessee

Finance leases which transfer to the Group substantially all the risks and benefits incidental to ownership of the leased item, are capitalized at the commencement of the lease at the fair value of the leased property or, if lower, at the present value of the minimum lease payments. Lease payments are apportioned between finance charges and reduction of the lease liability so as to achieve a constant rate of interest on the remaining balance of the liability. Finance charges are recognized in profit or loss.

A leased asset is depreciated over the useful life of the asset. However, if there is no reasonable certainty that the Group will obtain ownership by the end of the lease term, the asset is depreciated over the shorter of the estimated useful life of the asset and the lease term.

Operating lease payments are recognized as an expense on a straight-line basis over the lease term.

Group as a lessor

Leases in which the Group does not transfer substantially all the risks and benefits of ownership of the asset are classified as operating leases. Initial direct costs incurred in negotiating an operating lease are added to the carrying amount of the leased asset and recognized over the lease term on the same basis as rental income. Contingent rents are recognized as revenue in the period in which they are earned.

The depreciation policy for depreciable leased assets is consistent with the Company and Subsidiaries' normal depreciation policy for similar assets, and depreciation is calculated in accordance with IAS 16 *Property, Plant and Equipment* and IAS 38 *Intangible Assets*.

Lease income from operating leases is recognized in income on a straight-line basis over the lease term, unless another systematic basis is more representative of the time pattern in which use benefit derived from the leased asset is diminished.

(15) Intangible assets

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.

Licenses

The licenses were acquired in business combination. The costs of the two licenses are amortized on a straight-line basis over the useful life (6.5 and 20 years).

Customer relationships

Customer relationships were acquired in business combination and are amortized on a straight-line basis over the useful life (5 to 15 years).

Computer software

The cost of computer software is amortized on a straight-line basis over the estimated useful life (2 to 10 years).

Other intangible assets

Other intangible assets were acquired in business combination and are amortized on a straight-line basis over the useful life (3 to 6 years).

(16) Impairment of non-financial assets

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 Group estimates the asset's recoverable amount. An asset's recoverable amount is the higher of an asset's or cash-generating unit's ("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.

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 Group 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) Provisions

Insurance liabilities

A. Cathay Life

Business reserved funds for insurance contracts and financial instruments whether with or without discretionary participation feature are made in accordance with "Regulations Governing the Setting Aside of Various Reserves by Insurance Enterprises." Furthermore, they have been validated by the certified actuarial professionals approved by FSC. The required amount to be reserved for short-term group insurance is based upon the greater of premium received or calculated premium following the regulations established by the authorities. Reserved amount for the rest of other provisions is addressed below:

Moreover, an insurance contract with discretionary participation feature is classified as liability.

(A) Unearned premium reserve

For the insurance policy which period is within one year and has not met the due date or accidental insurance policy over one year, the amount of reserve required is based upon the risk calculation.

(B) Reserve for claims

It is mainly a reserve for the unpaid claims and unreported claims. The unpaid claims reserve is assessed upon the basis that the relevant information of each case and the amount deposited is further classified by the type of insurance. Unreported claims reserve is calculated and deposited based upon the past experiences and expenses occurred and in accordance with the actuarial principles for each injury insurance and health or life insurance with a policy period within 1 year.

(C) Reserve for life insurance liabilities

Based upon the life table and projected interest rates in the manual provided by the authority for each type of insurance, life insurance reserve is calculated and recognized according to the calculation method provided in Article 12 of "Regulations Governing the Setting Aside of Various Reserves by Insurance Enterprises", the manual of each insurance product reported to the competent authority and the relevant calculation methods approved by the competent authority.

Starting from policy year 2003, for valid insurance contract whose bonus calculation is stipulated by the regulations established by the competent authorities, the downward adjustments of bonus due to the offset between mortality gain (loss) and gain (loss) from difference of interest rates should be calculated and recognized according to the regulations provided by the competent authorities.

In accordance with Jin-Guan-Bao-Cai-Zi No. 10102500530 announced on 19 January 2012, life insurance enterprises shall reclassify allowance for doubtful account originally recognized in special reserve to "life insurance reserve - allowance for doubtful account pertinent to 3% business tax cut" account. The allowance was recognized as a result of the 3% business tax cut. Also, life insurance enterprises shall reclassify the recoverable special reserve for major incidents defined in Article 19 of "Regulations Governing the Setting Aside of Various Reserves by Insurance Enterprises" to "life insurance reserve - recover from major incident reserve" account.

When an insurer that opts to measure investment property at fair value, the value of its insurance liabilities at the same time must also be measured at fair value. If the results of the measurements indicate that the fair value of the insurance liabilities exceeds book value, the life insurer must set aside the difference to reserve for life insurance liabilities and decrease retained earnings. Cathay Life changes its accounting policy for subsequent measurement of investment property from cost to fair value starting from 2014. The value of insurance liabilities at the same time is measured at fair value in accordance with rules issued by the FSC on 21 March 2014. The results of the measurements indicate that the fair value of the insurance liabilities doesn't exceed book value, therefore insurance liabilities doesn't have to be increased.

(D) Special reserve

a. For the retained businesses with policy period within one year and injury insurance with policy period longer than one year, the special reserve is classified into two categories, "Special Capital Reserve—Special Reserve for Major Incidents" and "Special Capital Reserve—Special Reserve for Fluctuation of Risks." The dollar amount of reserve required is addressed as follows:

(a) Special capital reserve – Special reserve for major incidents

All types of insurance should follow the special catastrophe reserve rates set by authorities. Upon occurrence of the catastrophic events, actual claims on retained business in excess of \$30,000 thousand can be withdrawn from the reserve. If the reserve has been set aside for over 15 years, the Company could have its plan of the recovering process of the reserve assessed by certified actuaries and submit the plan to the authority for reference. The post-tax amount of the recovery determined in accordance with IAS 12 *Income Taxes* can be recorded in the special capital reserve for major incidents under equity.

(b) Special capital reserve – Special reserve for fluctuation of risks

When the actual amount paid for indemnity minus the offsetting amount from special reserve for major incidents is less than the anticipated dollar amount need to be paid, the 15% of this difference should be reserved in special reserve for fluctuation of risks.

When the actual amount paid for indemnity minus the offsetting amount from special reserve for major incidents is greater than the anticipated dollar amount need to be paid, the exceeded amount can be used for writing down the special reserve for fluctuation of risks. If the total amount of special reserves for fluctuation of risks is not enough to be written down, special reserve for major incidents for other types of insurance can be used. Also, the type of insurance and total dollar amount written-down should be reported to the authority for inspection purposes. When accumulative dollar amount of special reserve for fluctuation of risks exceeds 30% of self-retention earned premium, the exceeded amount will be recovered. To promote the sustainable development of insurance industry, the authority may designate or restrict the use of the recovered amount. The post-tax amount of written-down or recovery determined in accordance with IAS 12 *Income Taxes* can be recorded in the special capital reserve for fluctuation of risks under equity.

For special reserves addressed previously, the balance of the annual reserve net of tax (in accordance with IAS 12 *Income Taxes*) needs to be recorded in special capital reserve under equity.

- b. Cathay Life sells participating life insurance policy. According to the "Rule Governing application of revenues and expenses related to participating / non-participating policy", Cathay Life is required to set aside special reserve for dividend participation based on income before tax and dividend. On the date of declaration, dividend should be withdrawn from this account. The excess dividend should be accounted as special reserve for dividend risks.
- c. According to Article 32 of the Regulations Governing the Preparation of Financial Reports by Insurance Enterprises, if there are increments after estimating property in fair value, in addition to offsetting adverse effects of the first-time adoption of TIFRS on other accounts, the exceeds shall be recognized as special reserve for revaluation increments of property under liabilities.

According to the regulations established by the authorities on 30 November 2012, the aforementioned special reserve for revaluation increments of property can be transferred to the reserve for life insurance liabilities — fair value of insurance contract liabilities after strengthening the reserve for life insurance liabilities calculated based on the regulations established by the authorities on 27 November 2012. If there is excess, 80% of it can be recovered in the first year or next five years and reserved to special capital reserve under equity. The amount which can be recovered and reserved to special capital reserve under equity each year, is limited to NT\$10 billion.

(E) Premium deficiency reserve

For the contracts over one year of life insurance, health insurance, or annuities contracts commencing on 1 January 2001, the following rules applied: If the written premiums are lower than those of providing policy reserves, the special premium deficiency reserve will be set aside based on the premium deficiencies.

In addition, for the insurance policy which period is within one year and has not met the due date or accidental insurance policy over one year, the following rules applied: If the probable indemnities and expenses are greater than the aggregate of unearned premium serves and collectable premiums in the future, the premium deficiency reserve is set aside based on the difference thereof.

(F) Other reserve

Pursuant to IFRS 3 Business Combinations, the Company and subsidiaries will recognize other reserve in a business combination to reflect the fair value of life insurance contract assumed as long as the identifiable assets and assumed liabilities acquired from the business combination are recognized at fair value.

(G) Liability adequacy reserve

This is the reserve that is set aside based on the adequacy test of liability required by IFRS 4 *Insurance Contracts*.

(H) Reserves for insurance contract with feature of financial instruments

Reserve for non-separate account insurance product that is also classified as financial products without discretionary participation features follows "Regulations Governing the Setting Aside of Various Reserves by Insurance Enterprises" and Depository Accounting.

(I) Foreign exchange volatility reserve

The beginning balance of foreign exchange volatility reserve of Cathay Life was \$4,511,406 thousand which was appropriated in accordance with "Regulations Governing the Setting Aside of Various Reserves by Insurance Enterprises" and "Direction for foreign exchange volatility reserve by Life Insurance Enterprises". As of 30 September 2017, the amount set aside was \$9,465,865 thousand.

(J) Liability adequacy test

Liability adequacy test is based on integrated insurance contract and related regulations following "ASP of IFRS 4 - Contract classification and liability adequacy test". This test compares reserve for insurance contract net with deferred acquisition cost and related intangible assets and anticipated present value of insurance contract cash flow at each reporting date. If net book value is insufficient, recognize all insufficient amounts as expense and loss at that period is applicable.

B. Cathay Century

Insurance liabilities are set aside in accordance with "Regulations for the Management of the Various Reserves by Insurance Enterprises", "Regulations for the Management of the Various Reserves for Compulsory Automobile Liability Insurance", "Enforcement Rules for the Risk Spreading Mechanism of Residential Earthquake Insurance" and "Regulations for the Management of the Various Reserves for Nuclear energy insurance". Also, the booked reserves shall be validated by the certified actuarial professionals approved by FSC.

(A) Unearned premium reserve

The reserve for unearned premiums represents the portion of premiums written related to the unexpired terms of coverage, which shall be set aside based on each unexpired underlying risk.

(B) Claims reserve

It is mainly for the unpaid claim reserve and incurred but not reported (IBNR) claim reserves, which is calculated and deposited based upon the past indemnity experiences and expenses occurred to meet the actuarial principle. The notified but unpaid claim reserve is assessed case by case as well as its relevant information obtained and deposited by each type of insurance.

(C) Special reserve

The special reserve is classified into two categories, "Special reserve for major incident" and "Special reserve for fluctuation of risks". For the special reserves set aside by the Company before 1 January 2011, they should be shown as a liability item on the balance sheet. Since 1 January 2011, the after-tax addressed amount of the special reserve should be placed in the special reserve under stock holder's equity. The recovery of special reserve can be charged against the special reserve under liabilities if sufficient. If the recovery amount exceeds the balance of the special reserve under liabilities, the after-tax excess amount can be recovered from the special reserve under stock holder's equity.

According to the "Precautions of Strengthening Natural Disaster Insurance Reserve of Property Insurance Industry (Commercial Earthquake and Typhoon Flood Insurance)", the industry that offers these insurance products shall, from 1 January 2013, set aside special reserve recognized under liability prior to 31 December 2012 for the Company's commercial earthquake insurance and typhoons flood insurance, excluding compulsory automobile liability insurance, nuclear energy insurance, government-directed housing earthquake insurance, commercial earthquake insurance and typhoons flood insurance. The decrease or withdrawal of special reserve for major incident and special reserve for fluctuation of risks of commercial earthquake insurance and typhoons flood insurance should follow the Precautions.

a. Special reserve for major incident

All types of insurance shall follow the special reserve for major incident rates set by the authorities.

Upon occurrence of catastrophic events, the actual retained claims in excess of \$30,000 thousand individually and the aggregate payment of loss of the whole property and casualty insurers in excess of \$2,000 million, the fund of the claims can be withdrawn from the special reserve.

If the reserve has been set aside for over 15 years, the Company could have its plan of recovering process of the reserve accessed by certified actuaries and submit the plan to the authority for reference.

b. Special reserve for fluctuation of risks

When the actual claim paid for each insurance product categories minus the offsetting amount from special reserve of major incidents is less than the anticipated loss, 15% of this difference shall be reserved in special reserve for fluctuation of risks.

When the actual claim paid for each insurance product categories minus the offsetting amount from special reserve of major incidents is greater than the anticipated loss, the excessive amount can be used for writing down the special reserve for fluctuation of risks. If the total amount of the special reserve is not enough to be written down, special reserve for fluctuation of risks of other insurance product categories can be used. Additionally, the type of insurance and total dollar amount written-down shall be reported to the authority for inspection purposes.

When accumulative dollar amount of the special reserve for fluctuation of risks exceeds 60% of its retained earned premium, the excess shall be recalled and recognized as income for the current year.

(D) Premiums deficiency reserve

If the probable claims and expenses of the unexpired insurance contracts are greater than the aggregate amount of unearned premium reserves and collectable premiums in the future, the premium deficiency reserve should be set aside based on the difference thereof.

(E) Liability reserve

The minimum liability reserve for health insurance that the insurance period is greater than one year is set aside using full preliminary term reserving method. However, the method of setting aside minimum liability reserve for health insurance with special nature shall be approved by the competent authority.

C. Cathay Lujiazui Life

In accordance with the Insurance Act of the People's Republic of China, the insurance liabilities (including unearned premium reserves, claim reserves and life policy reserves) are required and are calculated based on the actuarial reports.

D. Cathay Life (Vietnam)

In accordance with the Insurance Act of Vietnam, the insurance liabilities (including unearned premium reserves, claim reserves and life policy reserves) are required and are calculated based on the actuarial reports.

Other provisions

Provisions are recognized when the Group 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 Group 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.

(18) Treasury stocks

Own equity instruments which are reacquired (treasury stocks) are recognized at cost and deducted from equity. Any difference between the carrying amount and the consideration is recognized in equity.

(19) Post-employment benefits

All regular employees of the Company and its domestic subsidiaries are entitled to a pension plan that is managed by an independently administered pension fund committee. Fund assets are deposited under the committee's name in the specific bank account and hence, not associated with the Company and its domestic subsidiaries. Therefore fund assets are not included in the Group's consolidated financial statements. Pension benefits for employees of the overseas subsidiaries and the branches are provided in accordance with the respective local regulations.

Defined contribution plan

For the defined contribution plan, the Company and domestic subsidiaries will make a monthly contribution of no less than 6% of the monthly wages of the employees subject to the plan. The Company recognizes expenses for the defined contribution plan in the period in which the contribution becomes due. The oversea subsidiaries and branches make contribution to the plan based on the requirements of local regulations.

Defined benefit plan

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. Remeasurements, 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 period is calculated on a year-to-date basis by using the actuarially determined pension cost rate at the end of the prior financial year, adjusted 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

Cathay United 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.

The finite amount preferential deposits that Cathay United 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 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 shall be considered the actuarial amount according to defined benefit plan regulated on IAS 19 "Employee Benefits" since the employee's retirement date.

(20) Revenue recognition

Revenue is recognized to the extent that it is probable that the economic benefits will flow to the Group and the revenue can be reliably measured. Revenue is measured at the fair value of the consideration received or receivable. The following specific recognition criteria must also be met before revenue is recognized:

Interest income

For all financial assets measured at amortized cost (including loans and receivables and held-to-maturity financial assets) and available-for-sale financial assets, interest income is recorded using the effective interest rate method and recognized in profit or loss.

Handling fee revenue

The Group charges customers by providing a variety of services.

Dividends

Revenue is recognized when the Group's right to receive the payment is established.

Rental income

Rental income arising from operating leases is accounted for on a straight line basis over the lease terms.

(21) Share-based payment transactions

The cost of equity-settled transactions between the Group and its subsidiaries is recognized based on the fair value of the equity instruments granted. The fair value of the equity instruments is determined by using an appropriate pricing model.

The cost of equity-settled transactions is recognized, together with a corresponding increase in other capital reserves in equity, over the period in which the performance and/or service conditions are fulfilled. The cumulative expense recognized for equity-settled transactions at each reporting date until the vesting date reflects the extent to which the vesting period has expired and the Group's best estimate of the number of equity instruments that will ultimately vest. The income statement expense or credit for a period represents the movement in cumulative expense recognized as at the beginning and end of that period.

No expense is recognized for awards that do not ultimately vest, except for equity-settled transactions where vesting is conditional upon a market or non-vesting condition, which are treated as vesting irrespective of whether or not the market or non-vesting condition is satisfied, provided that all other performance and/or service conditions are satisfied.

Where the terms of an equity-settled transaction award are modified, the minimum expense recognized is the expense as if the terms had not been modified, if the original terms of the award are met. An additional expense is recognized for any modification that increases the total fair value of the share-based payment transaction, or is otherwise beneficial to the employee as measured at the date of modification.

Where an equity-settled award is cancelled, it is treated as if it vested on the date of cancellation, and any expense not yet recognized for the award is recognized immediately. This includes any award where non-vesting conditions within the control of either the entity or the employee are not met. However, if a new award is substituted for the cancelled award, and designated as a replacement award on the date that it is granted, the cancelled and new awards are treated as if they were a modification of the original award, as described in the previous paragraph.

The dilutive effect of outstanding options is reflected as additional share dilution in the computation of diluted earnings per share

The cost of restricted stocks issued is recognized as salary expense based on the fair value of the equity instruments on the grant date, together with a corresponding increase in other capital reserves in equity, over the vesting period. The Group recognized unearned employee salary which is a transitional contra equity account; the balance in the account will be recognized as salary expense over the passage of vesting period.

(22) 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 shareholders' meeting.

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

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 Group expects, at the end of the reporting period, to recover or settle the carrying amount of its assets and liabilities.

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.

In accordance with Article 49 of the Financial Holding Company Act, the Company and its qualifying subsidiaries have selected the consolidated income tax return for tax filings and pay a 10% surcharge on their undistributed retained earnings under the consolidated income tax return. If there are any tax effects due to the adoption of the consolidated tax system, the Company can proportionately allocate the effects on tax expense (benefit), deferred income tax and tax payable (tax refund receivable) among the Company and its subsidiaries.

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

(23) Business combinations and goodwill

Business combinations are accounted for using the acquisition method. The consideration transferred, the identifiable assets acquired and liabilities assumed are measured at acquisition date fair value. For each business combination, the acquirer measures any non-controlling interest in the acquiree either at fair value or at the non-controlling interest's proportionate share of the acquiree's identifiable net assets. Acquisition-related costs are accounted for as expenses in the periods in which the costs are incurred and are classified under administrative expenses.

When the Group acquires business, it will assess the adequacy of classification and appointment of assets and liabilities according to the contract terms, the economic situation and other relevant factors. The evaluation includes whether to separate the embedded derivatives contained in the master contract.

If the business combination is achieved in stages, the acquisition date fair value of the acquirer's previously held equity interest in the acquiree is remeasured to fair value at the acquisition date through profit or loss.

The transfer price of acquirer will be measured by fair value on the transaction date. After transaction date, the transfer price, classified as asset or liability, will be reevaluated through profit or loss, or other comprehensive income, according to IAS 39 "Financial instruments: recognition and measurement". If the transaction price is classified as equity, it will not be remeasured until it is settled in equity.

The initial recognition of goodwill is the sum of transfer price and non-controlling interest, in excess of the fair value of identified assets and liabilities acquired by the Group. If the initial recognition is less than the fair value of net assets, the difference will be recognized through profit or loss.

After initial recognition, goodwill is measured at cost less any accumulated impairment losses. Goodwill acquired in a business combination is, from the acquisition date, allocated to each of the Group'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. Each unit or group of units to which the goodwill is so allocated represents the lowest level within the Group at which the goodwill is monitored for internal management purpose and is not larger than an operating segment before aggregation.

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. Goodwill disposed of in this circumstance is measured based on the relative recoverable amounts of the operation disposed of and the portion of the cash-generating unit retained.

(24) 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.

Diluted 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 plus dilutive potential ordinary shares during the year. The employees' bonuses are regarded as potential common stock. If the potential common stock has dilutive effect, both basic earnings per share and diluted earnings per share are presented; otherwise, only basic earnings per share is disclosed.

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 assumption and estimate 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. The classification of financial assets

The management must make judgment for the classification of financial assets which would affect the method of accounting, the financial position of the Company and the outcome of operation.

B. 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. If these portions could be sold separately, the Group accounts for the portions separately as investment properties and property, plant and equipment. If the portions could not be sold separately, 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.

C. Operating lease commitment—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, retaining all the significant risks and rewards of ownership of these properties and accounts for the contracts as operating leases.

D. The significant degree of risk transform measured by the risk ratio of Cathay Century's insurance policy

The risk ratio of insurance policy = (amount to insurance company's payment when insurance accident occur/amount to insurance company's payment when insurance accident do not occur -1)×100%

The insurance policies which meet one of the following conditions are defined as insurance contracts:

- (A) The insurance period is greater than or equal to 5 years, and at least 5 more policy year meet insurance risk ratio is greater than 10% (or 5%);
- (B) The insurance period is less than 5 years, and more than half of the policy year meet insurance risk ratio is greater than 10% (or 5%).

According to the calculation formula of insurance risk ratio, insurance policies often obviously satisfy the conditions of significant risk transfer. Therefore insurers do not have to calculate the risk ratio and can define property insurance policy as insurance contracts.

E. The significant degree of risk transfer measured by the risk ratio of Cathay Century's reinsurance policy

The risk ratio of re-insurance policy=(Σ PV amount to assumed re-insurer occur net loss \times the ratio of occurrence / PV of premium that assumed re-insurer expected) \times 100%

When the risk ratio of a re-insurance policy is greater than 1%, the policy is defined as re-insurance contracts.

(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 reviews their loan 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 unfavorable change in debtor payment status, or sovereign or the local economic situation related to debt payment in appears. While analyzing 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.

B. Fair value of financial instruments

Where the fair values of financial assets and financial liabilities recorded in the balance sheet cannot be derived from active markets, they are determined using valuation techniques including the income approach (for example, the discounted cash flows model) or market approach. Changes in assumptions about these factors could affect the reported fair value of the financial instruments.

C. Fair value of investment property

The fair value of investment property is derived from valuation techniques, including earning value method (such as discounted cash flow model and direct capitalization approach), comparison approach, cost approach, and market method, and assumptions which are used in applying valuation techniques will have impacts on the fair value of investment property.

D. Impairment of non-financial assets

An 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. 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.

Cathay United Bank and Cathay Securities test the impairment of goodwill every year and whenever an impairment of goodwill is possible. Cathay United Bank and Cathay Securities need to estimate the recoverable amounts of cash generating units that are appropriated from the goodwill. Cash flows derived from the cash generating units require projections and the appropriate discount rate should be determined to calculate the present value of the future cash flows.

E. 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, future salary increases, mortality rates and future pension increases.

According to internal regulation of Cathay United 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.

F. Insurance contract liabilities (including investment contract liabilities with discretionary participation feature of financial instruments)

The liabilities for insurance contract and investment contracts with discretionary participation feature of financial instruments are either based on current assumptions or on assumptions established at the inception of the contract, reflecting the best estimate at the time. All contracts are subject to a liability adequacy test, which reflects management's best current estimate of future cash flows. The main assumptions used relate to mortality, morbidity, investment returns, expenses and surrender rate.

Cathay Life bases its assumptions on the standards published by the Actuarial Institute of the Republic of China, adjusted when appropriate to reflect Cathay Life's unique risk exposure, product characteristics and own experiences from target markets.

Estimates of future investment income from the assets backing such contracts are based on current market returns, as well as expectations about future economic developments. Assumptions on future expense are based on current expense levels, adjusted for expected expense inflation, if appropriate. Surrender rates are based on Cathay Life's historical experience.

G. Revenue recognition – Customer loyalty program

The Group estimates the fair value of points awarded under the customer loyalty program by applying statistical techniques. Inputs to the models include making assumptions about expected redemption rates, the mix of products that will be available for redemption in the future and customer preferences. As points issued under the program do not expire, such estimates are subject to significant uncertainty.

H. 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 company'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.

6. Contents of significant accounts

(1) Cash and cash equivalents

	2017.9.30	2016.12.31	2016.9.30
Petty cash and cash on hand	\$16,547,639	\$20,171,989	\$15,383,564
Cash in banks	91,213,692	62,634,163	91,131,450
Time deposits	166,980,896	65,879,925	119,002,030
Cash equivalents	17,772,337	4,529,397	14,662,676
Checks for clearance	2,499,852	7,390,035	4,943,797
Due from commercial banks	56,599,410	35,943,676	46,518,485
Total	\$351,613,826	\$196,549,185	\$291,642,002

Time deposits include deposits that have maturities of 12 months from the date of acquisition and can be readily convertible to a known amount of cash and be subject to an insignificant risk of changes in value.

(2) Financial assets at fair value through profit or loss

	2017.9.30	2016.12.31	2016.9.30
Designated financial assets at fair			
value through profit or loss at initial			
recognition:			
Beneficiary certificates	\$157,275	\$80,102	\$-
Overseas stocks	90,915		
Subtotal	248,190	80,102	
Held for trading:			
Common stock	12,644,004	10,792,048	8,870,891
Funds and beneficiary certificates	16,853,069	25,759,121	16,931,348
Government bonds	42,343,027	48,746,656	30,506,383
Corporate bonds	35,910,393	9,606,890	7,966,086
Financial debentures	42,009,992	1,610,850	7,579,184
Overseas debentures	3	4	3,751,410
Structured time deposits	-	2,275,663	2,271,446
Short-term notes	168,179,257	93,126,341	162,857,565
Margin for futures trading-own	662,235	326,894	512,977
funds			
Derivative financial instruments	44,488,012	52,204,695	63,742,497
Subtotal	363,089,992	244,449,162	304,989,787
Total	\$363,338,182	\$244,529,264	\$304,989,787

- A. As of 30 September 2017 and 2016, Cathay United Bank and its subsidiaries sold certain financial assets at fair value through profit or loss under repurchase agreements with notional amounts of \$40,287,131 thousand and \$650,000 thousand. Such repurchase agreements amounting to \$38,411,134 thousand and \$716,142 thousand, were recorded in the account "Securities sold under agreements to repurchase" on the balance sheets. Repurchase agreements were settled at \$39,782,201 thousand and \$716,229 thousand as of 31 March 2017 and 31 October 2017.
- B. As of 30 September 2017, 31 December 2016 and 30 September 2016 Cathay Securities and its subsidiaries sold certain financial assets at fair value through profit or loss under repurchase agreements with notional amounts of \$3,050,000 thousand, \$2,350,000 thousand, and \$1,525,000 thousand, respectively.

C. Please refer to Note 8 for related information on the above financial assets at fair value through profit or loss being pledged as collaterals as of 30 September 2017, 31 December 2016 and 30 September 2016.

(3) Available-for-sale financial assets

	2017.9.30	2016.12.31	2016.9.30
Common stock	\$665,655,232	\$627,044,109	\$589,001,285
Beneficiary certificates	313,341,382	281,101,429	283,466,985
Funds and beneficiary Securities	8,160,792	9,175,690	7,736,194
Real Estate Investment Trust	11,452,345	19,079,885	18,423,533
Government bonds	155,969,963	183,098,221	169,034,174
Corporate bonds	48,279,344	51,295,049	49,654,663
Financial debentures	108,656,633	117,704,530	145,003,085
Asset-backed securities	638,253	831,442	869,287
Overseas debentures	279,402,802	303,060,779	287,252,525
Short-term notes	-	917,355	695,952
Less: Litigation deposits	(59,881)	(78,797)	(76,442)
Less: Securities serving as deposits			
paid-bonds	(1,030,637)	(1,870,035)	(1,919,905)
Total	\$1,590,466,228	\$1,591,359,657	\$1,549,141,336

- A. As of 30 September 2017, 31 December 2016 and 30 September 2016 Cathay United Bank and its subsidiaries sold certain available-for-sale financial assets under repurchase agreements with notional amounts of \$26,099,787 thousand, \$23,612,678 thousand, and \$14,095,000 thousand, respectively. Such repurchase agreements amounting to \$25,616,299 thousand, \$22,468,724 thousand, and \$14,421,701 thousand, were recorded in the account "Securities sold under agreements to repurchase" on the balance sheets. Repurchase agreements were settled at \$25,659,744 thousand, \$22,472,812 thousand, and \$14,433,575 thousand, as of 31 October 2017, 30 June 2017 and 31 March 2017 respectively.
- B. Cathay Life and its subsidiaries recognized an impairment provision as some objective evidences were identified showing impairment indicators associated with domestics stocks and beneficiary certificates held by Cathay Life and its subsidiaries. As of 30 September 2017, 31 December 2016 and 30 September 2016 Cathay Life and its subsidiaries recognized impairment losses amounting to \$185,995 thousand, \$202,271 thousand, and \$202,097 thousand, respectively.

- C. Cathay United Bank and its subsidiaries has recognized accumulated impairment loss for the available-for-sale financial assets in the amount of \$146,379 thousand, \$140,985 thousand, and \$140,985 thousand as of 30 September 2017, 31 December 2016 and 30 September 2016 respectively, due to the existence of objective impairment evidence.
- D. Please refer to Note 8 for related information on the above available-for-sale financial assets pledged as collaterals as of 30 September 2017, 31 December 2016 and 30 September 2016.

(4) Receivable - net

_	2017.9.30	2016.12.31	2016.9.30
Notes receivable	\$647,485	\$1,993,999	\$1,715,535
Accounts receivable	70,894,796	71,901,198	61,508,608
Interest receivable	48,986,201	44,287,317	42,878,855
Foreign currency receivable	-	-	100,998
Acceptances	953,668	1,045,109	1,099,252
Factoring receivable	1,962,053	4,073,377	5,563,902
Others	31,081,582	34,857,879	44,660,856
Subtotal	154,525,785	158,158,879	157,528,006
Adjustment for discounts and premiums	(13,187)	(14,395)	(20,512)
Less: Allowance for bad debts	(2,870,374)	(3,932,424)	(4,200,399)
Total	\$151,642,224	\$154,212,060	\$153,307,095

A. Information on bad and doubtful accounts is as follows:

	2017.1.1~	2016.1.1~
	2017.9.30	2016.9.30
Balance, beginning of the period	\$3,932,424	\$2,972,024
Provision of doubtful accounts	(8,007)	1,377,396
Write-offs	(1,168,990)	(374,651)
Debt counseling recoveries	84,834	85,865
Recoveries	350,653	345,787
Reclassification	(248,279)	(85,865)
Effect of exchange rates change	(72,261)	(100,359)
Loss of control of a subsidiary	<u> </u>	(19,798)
Balance, end of the period	\$2,870,374	\$4,200,399
		·

B. Allowance for bad debt receivables are shown as follows:

		Ac	ccounts Receival	ole
Item		2017.9.30	2016.12.31	2016.9.30
01: 4: 11	Individual assessment			
Objective evidence	of impairment	\$767,566	\$756,613	\$815,806
of impairment exists individually	Collective assessment			
	of impairment	195,146	232,745	215,619
Objective evidence	Callerdian and			
of impairment does	Collective assessment			
not exist individually	of impairment	153,563,073	157,169,521	156,496,581

		Allowance for doubtful account		
Item		2017.9.30	2016.12.31	2016.9.30
01: 4: 11	Individual assessment			
Objective evidence	of impairment	\$77,982	\$47,629	\$20,056
of impairment exists	Collective assessment			
individually	of impairment	142,118	176,955	161,972
Objective evidence of impairment does	Collective assessment of impairment			
not exist individually	or impairment	2,650,274	3,707,840	4,018,371

Note: Total receivables equal the original amount before subtracting (adding) the allowance for bad debts and adjustment for discount (premium).

(5) Loans - net

	2017.9.30	2016.12.31	2016.9.30
Inward-outward documentary bills	\$1,404,354	\$2,303,674	\$1,478,496
Loans	2,103,627,259	2,062,966,561	1,933,440,527
Overdrafts	2,811,025	3,239,367	2,733,145
Delinquent accounts	3,031,782	2,433,949	2,810,658
Subtotal	2,110,874,420	2,070,943,551	1,940,462,826
Adjustment for discounts and premiums	436,497	575,212	632,595
Less: Allowance for bad debts	(28,795,125)	(25,985,968)	(25,202,423)
Total	\$2,082,515,792	\$2,045,532,795	\$1,915,892,998

A. Information on bad and doubtful accounts is as follows:

2017.1.1~	2016.1.1~
2017.9.30	2016.9.30
\$25,985,968	\$22,804,891
1,957,518	2,672,889
(526,001)	(864,644)
78,283	78,136
1,234,516	562,421
248,279	85,865
(183,438)	(137,135)
\$28,795,125	\$25,202,423
	2017.9.30 \$25,985,968 1,957,518 (526,001) 78,283 1,234,516 248,279 (183,438)

B. Assessment for loans are showed as followed:

		Total loans		
		2017.9.30	2016.12.31	2016.9.30
01: (: :1	Individual assessment			
Objective evidence	f impairment	\$12,739,627	\$9,444,290	\$8,711,900
of impairment exists	Collective assessment			
individually	of impairment	11,124,326	10,675,829	10,764,036
Objective evidence				
of impairment does	Collective assessment			
not exist individually	of impairment	2,087,010,467	2,050,823,432	1,920,986,890

Item		Allowance for bad debts		
		2017.9.30	2016.12.31	2016.9.30
Objection and demand	Individual assessment			
Objective evidence of impairment exists individually	of impairment	\$2,745,488	\$1,820,169	\$1,965,229
	Collective assessment			
	of impairment	2,091,150	2,090,600	2,172,605
Objective evidence				
of impairment does	Collective assessment			
not exist individually	of impairment	23,958,487	22,075,199	21,064,589

Note: Total loans equal the original amount before subtracting (adding) the allowance for bad debts and adjustment for discount (premium).

(6) Held-to-maturity financial assets

	2017.9.30	2016.12.31	2016.9.30
Government bonds	\$44,009,107	\$35,419,298	\$33,925,067
Corporate bonds	8,453,450	12,144,260	9,482,166
Financial debentures	13,419,954	18,517,820	18,700,414
Asset-backed securities	10,355,378	12,296,939	12,732,207
Overseas debentures	18,497,277	6,536,637	6,333,447
Short-term notes	5,904,657	5,422,099	3,388,104
Subtotal	100,639,823	90,337,053	84,561,405
Less: Court security deposit	(1,348,101)	(1,348,913)	(1,348,247)
Less: Securities serving as deposits			
paid-bonds	(7,169,579)	(7,161,401)	(7,160,926)
Less: Collateral	(857,263)	<u>-</u>	-
Total	\$91,264,880	\$81,826,739	\$76,052,232

- A. As of 30 September 2017, 31 December 2016 and 30 September 2016 Cathay United Bank and its subsidiaries sold certain held-to-maturity financial assets under repurchase agreements with notional amounts of \$33,933,063 thousand, \$40,499,233 thousand and \$38,790,906 thousand, respectively. Such repurchase agreements amounting to \$23,986,727 thousand, \$31,066,277 thousand and \$31,167,690 thousand, were recorded in the account "Securities sold under agreements to repurchase" on the balance sheets. Repurchase agreements were settled at \$24,032,835 thousand, \$31,129,794 thousand and \$31,189,988 thousand as of as of 31 October 2017, 31 March 2017 and 31 October 2016, respectively.
- B. Cathay Life and its subsidiaries recognized impairment as there was objective evidence that the overseas debentures held by Cathay Life and its subsidiaries were showing signs of impairment. As of 30 September 2017, 31 December 2016 and 30 September 2016 Cathay Life and its subsidiaries recognized impairment losses amounting to \$16,176 thousand, \$29,740 thousand and \$0 thousand, respectively.
- C. Please refer to Note 34 for related information on the above held-to-maturity financial assets as of 30 September 2017, 31 December 2016 and 30 September 2016, being pledged as collaterals.

(7) Investments accounted for using the equity method

	2017.9.30		2016.12.31		2016.9.30	
	Carrying	% of	Carrying	% of	Carrying	% of
Investee	Amount	Ownership	Amount	Ownership	Amount	Ownership
Investments in subsidiaries exclude from consolidated:						
Cathay Securities Investment Consulting	\$228,468	100.00	\$249,902	100.00	\$220,361	100.00
Seaward Card	-	-	39,793	100.00	39,454	100.00
Cathay Insurance (Bermuda)	123,708	100.00	129,896	100.00	123,515	100.00
Cathy Investment Consulting (Shanghai) Co., Ltd.	9,566	100.00	16,027	100.00	17,667	100.00
Subtotal	361,742	_	435,618	_	400,997	_
Investments in associates:						
WK Technology Fund VI Co., Ltd	83,174	21.43	148,679	21.43	150,635	21.43
Taiwan Real-estate Management Corp.	99,358	30.15	98,066	30.15	94,083	30.15
Taiwan Finance Corp.	1,611,337	24.57	1,570,490	24.57	1,627,423	24.57
IBT Venture Capital Corp.	-	-	3,916	24.96	3,916	24.96
Tien-Tai Energy Corp.	-	-	36,040	44.44	35,811	44.44
Tien-Tai One Energy Corp.	-	-	24,482	33.33	24,184	33.33
Tien-Tai Management Consulting Co., Ltd.	1,204	30.00	134	30.00	2,841	30.00
CDBS Cathay Asset Management Co., Ltd	494,046	33.33	263,243	33.30	277,326	33.30
Symphox Information Co., Ltd.	420,567	49.12	433,635	49.12	440,200	49.12
Da Sheng Venture Inc.	1,328,988	25.00	1,455,635	25.00	1,410,237	25.00
KHL IV Venture Capital Co., Ltd.	730,285	21.43	360,729	21.43	357,516	21.43
Chi-Chia Energy Corp.	-	-	34,442	29.08	34,144	29.08
Chao-Yang Energy Corp.	-	-	34,133	29.08	33,941	29.08
Dun-Yang Energy Corp.	49,932	32.20	47,095	32.20	55,227	32.20
Yong-Chang Energy Corp.	49,445	32.32	47,365	32.32	53,293	32.32
Ri-Zhao Energy Corp.	51,974	32.32	48,072	32.32	53,675	32.32
Tien-Tai Optronics Corporation	140,601	33.64	-	-	-	-
Nan-Gang International 1 Corp.	675,606	45.00	675,258	45.00	675,124	45.00
Nan-Gang International 2 Corp.	675,055	45.00	674,959	45.00	675,466	45.00
CM Engery Co., Ltd.	56,485	45.00	53,959	45.00	13,481	45.00
Rizal Commercial Banking Corporation	13,444,449	23.35	13,622,794	22.71	13,342,021	22.71
PT Bank Mayapada Internasional Tbk	11,588,594	40.00	11,740,568	40.00	6,101,626	24.90
Hsin Jih Tai Corporation	672,366	45.00	673,845	45.00	-	-
Cathay Century (China)	2,570,666	49.00	2,726,633	49.00	2,943,718	49.00
Cathay Sunrise Corporation	677,290	45.00		-		-
Subtotal	35,421,422	-	34,774,172	-	28,405,888	_
Total	\$35,783,164	≡	\$35,209,790	=	\$28,806,885	=

The Group's investments in the associates were not significant. As of 30 September 2017, 31 December 2016 and 30 September 2016, the carrying amount of investments in associates accounted for using the equity method amounted to \$35,421,422 thousand, \$34,774,172 thousand and \$28,405,888 thousand. The aggregate financial information of the Group's investments in the associates is as follows:

	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Profit or loss from continuing				
operations	\$359,574	\$164,855	\$995,801	\$876,108
Other comprehensive income				
(post-tax)	(157,113)	(721,187)	(1,266,300)	(962,707)
Total comprehensive income	\$202,461	\$(556,332)	\$(270,499)	\$(86,599)

A. The carrying amount of investments accounted for under the equity method in investees whose financial statements were unaudited amounted to \$477,807 thousand and \$247,099 thousand, as at the three-month periods ended 30 September 2017 and 2016, respectively. The share of the (losses) gains of these associates accounted for using the equity method amounted to \$(126,220) thousand and \$(529,691) thousand for the three-month periods ended 30 September 2017 and 2016, respectively. The share of the other comprehensive (losses) income of these associates accounted for using the equity method amounted to \$1,090,143 thousand and \$934,319 thousand for the nine-month periods ended 30 September 2017 and 2016, respectively. The share of the (losses) gains of these associates accounted for using the equity method amounted to \$(1,239,964) thousand and \$(755,137) thousand for the nine-month periods ended 30 September 2017 and 2016, respectively. The share of the other comprehensive (losses) income of these associates accounted for using the equity method amounted to \$32,063,554 thousand and \$25,184,844 thousand for the nine-month periods ended 30 September 2017 and 2016, respectively.

B. No investment in the associates was pledged.

C. On 29 June 2017, Cathay United Bank sold the shares of Seaward Card Co., Ltd. to Symphox Information Co., Ltd. as approved by the board of director. The board of Cathay United Bank authorized the chairman of the board to deal with the follow-up issues.

Cathay United Bank sold the shares of Seaward Card Co., Ltd. in the amount of \$46,800 thousand, at \$15.6 per share. The related gain on sale of investments amounted to \$7,755 thousand on 21 July 2017.

(8) Other financial assets

	2017.9.30	2016.12.31	2016.9.30
Financial assets carried at cost	\$13,986	\$5,745	\$5,745
Investments in debt securities with no			
active market	2,700,431,295	2,526,608,201	2,330,030,322
Separate account product assets	549,806,578	498,014,211	496,548,030
Structured time deposits	4,500,000	7,661,395	7,500,000
Other miscellaneous financial assets	4,557,760	4,091,661	6,658,750
Total	\$3,259,309,619	\$3,036,381,213	\$2,840,742,847

Investments in debt securities with no active market

	2017.9.30	2016.12.31	2016.9.30
Common stocks	\$2,193,767	\$2,667,893	\$4,067,802
Government bonds	53,514	53,717	53,372
Corporate bonds	19,305,956	21,237,777	14,078,862
Financial debentures	75,629,668	81,171,116	77,499,967
Structured debentures	3,030,500	3,873,480	3,763,920
Asset-backed securities	23,441,758	28,079,749	16,794,334
Overseas debentures	2,281,360,724	2,069,824,850	1,860,794,183
Time deposit	293,145,719	316,870,441	350,148,874
Beneficial right of real estate	-	300,000	300,000
Beneficiary Securities	2,269,689	2,529,178	2,529,008
Total	\$2,700,431,295	\$2,526,608,201	\$2,330,030,322

- A. An impairment provision is recognized as some objective evidences were identified showing impairment indications associated with overseas debentures held by Cathay Life and its subsidiaries. As of 30 September 2017, 31 December 2016 and 30 September 2016, Cathay Life and its subsidiaries recognized impairment losses amounting to \$393,965 thousand, \$419,627 thousand and \$407,758 thousand, respectively.
- B. Cathay United Bank has recognized accumulated impairment loss for the investments in debt securities with no active market in the amount of \$224,817 thousand, \$1,382,970 thousand and \$1,343,854 thousand as of 30 September 2017, 31 December 2016 and 30 September 2016, respectively, due to credit deterioration of securitization and financial debentures.

Cathay United Bank has recognized accumulated impairment loss for the investment in debt securities with no active market in the amount of \$0 thousand, \$95,586 thousand and \$95,586 thousand as of 30 September 2017, 31 December 2016 and 30 September 2016, respectively, due to the default on the convertible bonds.

- C. As of 30 September 2017 and 31 December 2016, Cathay United Bank sold certain investments in debt securities with no active market classified as bonds under repurchase agreements with the notional amounts of \$18,679,940 thousand and \$5,543,771 thousand, respectively. Such repurchase agreements amounting to \$10,822,614 thousand and \$3,217,750 thousand, were recorded in the account "securities sold under agreements to repurchase" on the balance sheet. The repurchase agreements will be settled at \$11,112,686 thousand and \$3,222,577 thousand as of 31 October 2017 and 31 January 2017, respectively.
- D. Please refer to Note 8 for related information on the above investments in debt securities with no active market pledged as collaterals as of 30 September 2017, 31 December 2016 and 30 September 2016.

(9) Investment property

				Prepayments for	
	Land	Buildings	Construction	buildings	Total
1 January 2017	\$219,938,108	\$87,382,963	\$3,309,152	\$383,904	\$311,014,127
Additions from acquisitions	-	-	2,121,171	3,283,052	5,404,223
Additions from subsequent expenditure	-	-	83,568	-	83,568
Transfers from property and equipment	204,284	158,839	-	-	363,123
Transfers from (to) investment property					
under construction and prepayments					
for buildings and land	3,381,908	1,601,362	(1,600,885)	(3,382,997)	(612)
Gains (losses) generated from fair					
value adjustments	1,814,947	(2,156,590)	-	-	(341,643)
Disposals	(88,908)	(414)	-	-	(89,322)
Exchange differences	344,732	452,212	-	-	796,944
30 September 2017	\$225,595,071	\$87,438,372	\$3,913,006	\$283,959	\$317,230,408

Land Buildings Construction buildings Total 1 January 2016 \$273,362,206 \$101,716,259 \$3,313,056 \$2,758,288 \$381,149,809 Additions from acquisitions - - 2,595,577 2,193,011 4,788,588 Additions from subsequent expenditure - - 84,071 - 84,071 Transfers to property and equipment - (21,695) - - (21,695) Transfers from (to) investment property under construction and prepayments - (20,695) (90,680) (4,656,296) (2,465,181) Gains generated from fair value adjustments 1,010,936 1,027,338 - - 2,038,274 Disposal (207,955) - - - (207,955) Exchange differences (2,814,619) (5,075,374) - - (7,889,993)					Prepayments for	
Additions from acquisitions 2,595,577 2,193,011 4,788,588 Additions from subsequent expenditure 84,071 Transfers to property and equipment - (21,695) Transfers from (to) investment property under construction and prepayments for buildings and land 2,191,115 90,680 (90,680) (4,656,296) (2,465,181) Gains generated from fair value adjustments 1,010,936 1,027,338 2,038,274 Disposal (207,955) (207,955)		Land	Buildings	Construction	buildings	Total
Additions from subsequent expenditure 84,071 - 84,071 Transfers to property and equipment - (21,695) (21,695) Transfers from (to) investment property under construction and prepayments for buildings and land 2,191,115 90,680 (90,680) (4,656,296) (2,465,181) Gains generated from fair value adjustments 1,010,936 1,027,338 2,038,274 Disposal (207,955) (207,955)	1 January 2016	\$273,362,206	\$101,716,259	\$3,313,056	\$2,758,288	\$381,149,809
Transfers to property and equipment - (21,695) (21,695) Transfers from (to) investment property under construction and prepayments for buildings and land 2,191,115 90,680 (90,680) (4,656,296) (2,465,181) Gains generated from fair value adjustments 1,010,936 1,027,338 2,038,274 Disposal (207,955) (207,955)	Additions from acquisitions	-	-	2,595,577	2,193,011	4,788,588
Transfers from (to) investment property under construction and prepayments for buildings and land 2,191,115 90,680 (90,680) (4,656,296) (2,465,181) Gains generated from fair value adjustments 1,010,936 1,027,338 2,038,274 Disposal (207,955) (207,955)	Additions from subsequent expenditure	-	-	84,071	-	84,071
under construction and prepayments for buildings and land 2,191,115 90,680 (90,680) (4,656,296) (2,465,181) Gains generated from fair value adjustments 1,010,936 1,027,338 - - 2,038,274 Disposal (207,955) - - - - (207,955)	Transfers to property and equipment	-	(21,695)	-	-	(21,695)
for buildings and land 2,191,115 90,680 (90,680) (4,656,296) (2,465,181) Gains generated from fair value adjustments 1,010,936 1,027,338 2,038,274 Disposal (207,955) (207,955)	Transfers from (to) investment property					
Gains generated from fair value adjustments 1,010,936 1,027,338 - - - 2,038,274 Disposal (207,955) - - - - (207,955)	under construction and prepayments					
adjustments 1,010,936 1,027,338 2,038,274 Disposal (207,955) (207,955)	for buildings and land	2,191,115	90,680	(90,680)	(4,656,296)	(2,465,181)
Disposal (207,955) (207,955)	Gains generated from fair value					
	adjustments	1,010,936	1,027,338	-	-	2,038,274
Exchange differences (2,814,619) (5,075,374) (7,889,993)	Disposal	(207,955)	-	-	-	(207,955)
	Exchange differences	(2,814,619)	(5,075,374)			(7,889,993)
30 September 2016 \$273,541,683 \$97,737,208 \$5,902,024 \$295,003 \$377,475,918	30 September 2016	\$273,541,683	\$97,737,208	\$5,902,024	\$295,003	\$377,475,918

2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
2017.9.30	2016.9.30	2017.9.30	2016.9.30
\$2,650,888	\$2,490,460	\$7,718,011	\$7,473,615
(122,948)	(131,287)	(480,744)	(434,055)
(27,451)	(34,426)	(103,208)	(120,818)
\$2,500,489	\$2,324,747	\$7,134,059	\$6,918,742
	2017.9.30 \$2,650,888 (122,948) (27,451)	2017.9.30 2016.9.30 \$2,650,888 \$2,490,460 (122,948) (131,287) (27,451) (34,426)	2017.9.30 2016.9.30 2017.9.30 \$2,650,888 \$2,490,460 \$7,718,011 (122,948) (131,287) (480,744) (27,451) (34,426) (103,208)

A. Cathay Life and its subsidiaries' valuation has been performed by appraisers from professional valuation agencies based on Regulations on Real Estate Appraisal, and valuation dates were 30 June 2017, 31 December 2016 and 30 June 2016. Please refer to the original financial report for detail information of the appraisers and agencies.

The recognized fair value is supported by observable evidence in the market. The main appraisal approaches applied include sales comparison approach, income approach – direct capitalization method, income approach – discounted cash flow method, cost approach and the method of land development analysis. Commercial office buildings and residences are valued by sales comparison approach and income approach mostly because of the market liquidity and comparable sales and rental cases in the neighboring areas. Hotels, department stores and marketplaces are valued by income approach – direct capitalization method and income approach – discounted cash flow method mostly because of the stable rental income in the long run. Industrial plants for lease are valued by sales comparison approach and income approach – direct capitalization method. Wholesale stores located in industrial district are valued by cost approach since the buildings are constructed for specific purposes, thus few similar transactions could be referred to in the market. Vacant land and buildings under construction of logistics parks located in industrial and commercial integrated district are valued by cost approach. Urban renewal land with permit of construction is valued based on value of real estate right arising from urban renewal program. The real estate right may include but not limited to right for long-held buildings and hotels.

The main inputs used are as follows:

	2017.9.30	2016.12.31	2016.9.30
Direct capitalization rate (net)	0.22%~6.74%	0.83%~5.73%	0.45%~5.76%
Discount rate	3.14%~5.58%	3.14%~4.1%	3.2%~4.1%

External appraisers use market extraction method, search several comparable properties which are identical with or similar to the subject property, consider the liquidity risk and risk premium when disposed of in the future, and then decide the direct capitalization rate and discount rate.

Cathay Life and its subsidiaries recognized its investment property at fair value subsequent to initial recognition and related fair value is categorized as 3rd level of fair value hierarchy. The fair value of investment property will decrease as either one of the main input, direct capitalization rate and discount rate, of direct capitalization method increases. On the contrary, the fair value of investment property will increase if either of the main input decreases.

B. Cathay United 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 consulted the appraisers to review the validity of the original valuation report, in which the fair value was still valid on 30 September 2017, 31 December 2016 and 30 September 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.

(A) Office building has market liquidity and their rent level is more comparable with similar items from the same neighborhood. The fair value has been determined by sales comparison approach and income approach.

Net 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 R.O.C. 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 R.O.C. 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:

	2017.9.30	2016.12.31	2016.9.30
Discounted rates	1.60%~2.95%	1.60%~2.75%	1.31%~3.09%
Capitalization 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 pastoral land and land in scenic areas has been determined mainly by land development analysis approach and comparison approach.

	2017.9.30	2016.12.31	2016.9.30
Rate of return	25%~30%	25%~30%	30%
Overall capital interest rate	4.99%~17.11%	4.99%~16.98%	18.08%

C. Cathay Futures appointed an appraiser from Elite Appraisers Firm (Yu-Lin Chen) to evaluate the fair value of the investment property based on the "Regulations on Real Estate Appraisal" on 30 June 2017, 31 December 2016 and 30 June 2016, respectively.

The recognized fair value is supported by observable evidence in the market. The fair value has been determined by discounted cash flow (DCF) method.

Office buildings have market liquidity and their rent level is more comparable with similar items from the same neighborhood. The fair value has been determined by discounted cash flow method. Future cash inflows and outflows were estimated as follows:

	2017.6.30	2016.12.31
Estimated future cash inflows	\$434,351	\$440,377
Estimated future cash outflows	(20,885)	(22,082)
Estimated future net cash flows	\$413,466	\$418,295

The abovementioned estimated future cash inflows mainly consist of reasonable income from investment property and the estimated future cash outflows consist of property tax, land tax and reset appropriation fee.

Net income is based on the current market practices, assuming an annual rent increase of 1.19% and 1.00% to extrapolate the total income of the underlying property, excluding losses as a result of idle and other reasons and related operation costs on 30 June 2017 and 31 December 2016, respectively.

According to the R.O.C. Real Estate Appraisers Association Gazette No.5, the house tax has been 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.

Land value tax is based on the changes in the announced land values of the underlying property in the past few years, to further extrapolate the announced land value in the future.

The replacement allowance is calculated based on the significant construction maintenance expense, which is 15% of the construction fee, under the assumption of 20 useful years, according to the R.O.C. Real Estate Appraisers Association Gazette No. 5.

The parameters used are as followed:

	2017.6.30	2016.12.31	
Direct Capitalization rate (net)	2.65%	2.50%	
Discount Rate	2.045%	2.045%	

Pursuant to the Regulations Governing the Preparation of Financial Reports by Securities Issuers, the discount rate is determined based on an interest rate not lower than the floating interest rate on a 2-year time deposit of petty cash as posted by the Chunghwa Post Co., Ltd., plus the risk premium.

External appraisers use market extraction method, search several comparable properties which are identical with or similar to the subject property, consider the liquidity risk and risk premium when disposed of in the future, and then decide the direct capitalization rate and discount rate.

- D. The real estate investments are held mainly for leasing purposes.
- E. All lease agreements of the Group's lease business are operating leases. The primary terms of lease agreements are the same with general lease agreement.
- F. Rents from real estate investment are received annually, semi-annually, quarterly, monthly or in lump sum.
- G. As of 30 September 2017, 31 December 2016 and 30 September 2016, no investments in real estate were pledged as collateral.

(10) Property and equipment

		Building and	Computer	Transport	Other	Leasehold		Construction in progress and prepayment for	
	Land	construction	equipment	equipment	equipment	improvement	Leased assets	real estate	Total
Cost:									
1 January 2017	\$122,044,101	\$58,247,920	\$6,491,507	\$127,720	\$12,019,249	\$673,049	\$276,169	792,853	\$200,672,568
Additions	-	545	595,125	2,387	310,067	47,159	-	2,319,089	3,274,372
Transfers	2,053,724	(191,122)	6,643	4,173	142,822	(50)	-	(2,268,002)	(251,812)
Disposal	(5,284)	(18,509)	(288,455)	(4,858)	(216,152)	(15,270)	-	-	(548,528)
Exchange difference	(8,559)	(46,763)	(46,895)	(6,906)	(16,349)	19,120	(30)	(4,586)	(110,968)
30 September 2017	\$124,083,982	\$57,992,071	\$6,757,925	\$122,516	\$12,239,637	\$724,008	\$276,139	\$839,354	\$203,035,632
1 January 2016	\$67,171,611	\$45,559,141	\$7,124,334	\$133,979	\$11,606,206	\$618,476	\$423,730	\$650,163	\$133,287,640
Additions	-	-	357,634	2,277	236,761	95,381	-	331,349	1,023,402
Transfers	1,995,478	454,909	15,475	1,853	129,324	74,592	-	(452,634)	2,218,997
Disposal	(52,014)	(23,111)	(967,311)	(7,475)	(131,894)	(85)	-	-	(1,181,890)
Others	-	-	-	-	(166,923)	(91,663)	-	-	(258,586)
Exchange difference	(7,371)	(129,955)	(101,975)	(5,898)	7,920	(33,252)		(9,819)	(280,350)
30 September 2016	\$69,107,704	\$45,860,984	\$6,428,157	\$124,736	\$11,681,394	\$663,449	\$423,730	\$519,059	\$134,809,213
Depreciation and impairment:									
1 January 2017	\$105,610	\$20,480,174	\$5,311,076	\$86,447	\$9,931,553	\$367,695	\$275,782	\$-	\$36,558,337
Depreciation	-	906,792	354,626	7,800	471,916	72,409	81	-	1,813,624
Transfers	-	(90,309)	(126)	-	-	(49)	-	-	(90,484)
Disposal	(2,476)	(14,354)	(277,719)	(4,756)	(199,687)	(14,841)	-	-	(513,833)
Exchange difference		(7,026)	(31,111)	(4,570)	(8,255)	(5,463)	(9)		(56,434)
30 September 2017	\$103,134	\$21,275,277	\$5,356,746	\$84,921	\$10,195,527	\$419,751	\$275,854	\$-	\$37,711,210
1 January 2016	\$105,610	\$19,502,834	\$5,950,235	\$90,631	\$9,497,298	\$336,677	\$315,619	-	\$35,798,904
Depreciation	-	726,457	358,563	8,434	430,299	67,848	67,905	-	1,659,506
Transfers	-	(30,584)	(6,069)	(6,404)	2,260	40,882	-	-	85
Disposal	-	(8,901)	(966,269)	(6,214)	(117,606)	-	-	-	(1,098,990)
Others	-	-	-	-	(130,788)	(76,323)	-	-	(207,111)
Exchange difference		(12,223)	(66,394)	(3,812)	9,699	(20,262)	(4)		(92,996)
30 June 2016	\$105,610	\$20,177,583	\$5,270,066	\$82,635	\$9,691,162	\$348,822	\$383,520	\$-	\$36,059,398
30 September 2017	\$123,980,848	\$36,716,794	\$1,401,179	\$37,595	\$2,044,110	\$304,257	\$285	\$839,354	\$165,324,422
31 December 2016	\$121,938,491	\$37,767,746	\$1,180,431	\$41,273	\$2,087,696	\$305,354	\$387	\$792,853	\$164,114,231
30 September 2016	\$69,002,094	\$25,683,401	\$1,158,091	\$42,101	\$1,990,232	\$314,627	\$40,210	\$519,059	\$98,749,815

- A. No property and equipment were pledged as collaterals.
- B. Components of building that have different useful lives are the main building structures, air conditioning units and elevators, which are depreciated within 5 to 60 years.

(11) Intangible assets

				Customer	Computer		
Cost:	Franchise	Trademark	Goodwill	relationship	software	Others	Total
1 January 2017	\$37,659,600	\$423,468	\$18,919,544	\$3,804,532	\$4,160,598	\$235,458	\$65,203,200
Addition-individual acquisition	-	-	-	-	281,209	19,125	300,334
Reduction	-	-	-	-	(60,882)	-	(60,882)
Transfers	-	-	-	-	76,827	(2,681)	74,146
Others	-	-	597,618	-	-	-	597,618
Exchange difference		(25,897)	(532,403)	(232,663)	(18,579)	(14,431)	(823,973)
30 September 2017	\$37,659,600	\$397,571	\$18,984,759	\$3,571,869	\$4,439,173	\$237,471	\$65,290,443
1 January 2016	\$37,659,600	\$218,864	\$16,894,345	\$2,095,194	\$4,064,624	\$234,128	\$61,166,755
Addition-individual acquisition	-	-	-	-	269,001	-	269,001
Reduction	-	-	-	-	(418,352)	-	(418,352)
Acquisition from business combination	-	175,084	2,963,598	1,465,318	-	-	4,604,000
Transfers	-	-	-	-	158,909	15,859	174,768
Others	-	-	(200,488)	-	(96,359)	-	(296,847)
Exchange difference		(23,233)	(489,231)	(207,989)	(30,123)	(12,024)	(762,600)
30 September 2016	\$37,659,600	\$370,715	\$19,168,224	\$3,352,523	\$3,947,700	\$237,963	\$64,736,725
Depreciation and impairment:							
1 January 2017	\$3,119,075	\$-	\$-	\$441,545	\$2,975,260	\$70,077	\$6,605,957
Amortization	1,559,537	-	-	297,876	318,755	38,838	2,215,006
Reduction	-	-	-	-	(60,840)	-	(60,840)
Exchange difference				(29,990)	(12,642)	(4,675)	(47,307)
30 September 2017	\$4,678,612	\$-	\$-	\$709,431	\$3,220,533	\$104,240	\$8,712,816
1 January 2016	\$1,039,692	\$-	\$-	\$45,634	\$3,121,813	\$15,848	\$4,222,987
Amortization	1,559,538	-	-	258,608	261,644	41,198	2,120,988
Reduction	-	-	-	-	(417,961)	-	(417,961)
Others	-	-	-	-	(56,089)	-	(56,089)
Exchange difference				(11,147)	(21,091)	(2,216)	(34,454)
30 September 2016	\$2,599,230	\$-	\$-	\$293,095	\$2,888,316	\$54,830	\$5,835,471
30 September 2017	\$32,980,988	\$397,571	\$18,984,759	\$2,862,438	\$1,218,640	\$133,231	\$56,577,627
31 December 2016	\$34,540,525	\$423,468	\$18,919,544	\$3,362,987	\$1,185,338	\$165,381	\$58,597,243
30 September 2016	\$35,060,370	\$370,715	\$19,168,224	\$3,059,428	\$1,059,384	\$183,133	\$58,901,254

As of 30 September 2017, 31 December 2016 and 30 September 2016, the book value of goodwill was \$10,392,524 thousand, \$10,306,443 thousand and \$10,564,773 thousand, respectively. The goodwill arose from the acquisition of Global Life Insurance Co., Ltd. and Singfor Life Insurance Co., Ltd. on 1 July 2015. Cathay Life and its subsidiaries acquired 100% of Conning Holdings Limited on 18 September 2015 and 82.05% of Octagon Credit Investors, LLC through Conning & Company, a 100% subsidiary of the Company on 1 February 2016.

An annual impairment test for goodwill is performed regularly. Cathay Life and its subsidiaries estimated the recoverable amount of the cash-generating unit that the goodwill is allocated to for the purpose of impairment test. The recoverable amount is calculated by applying a proper discount rate. Considering that the recoverable amount is higher than the book value of the cash-generating unit that the goodwill was allocated to, no impairment recognition is necessary for goodwill.

Cathay United Bank's 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 Group covering a five-year period.

- 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:

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

On 4 September 2015, Cathay Securities acquired 100% of the equity of Cathay Securities (Hong Kong). The goodwill arose from the acquisition amounted to \$8,629 thousand. An annual impairment test for goodwill is performed regularly. Cathay Securities estimated the recoverable amount for purpose of impairment test based on embedded value of cash-generating unit that the goodwill is allocated to. The embedded value is calculated by applying a proper discount rate. The recoverable amount is higher than the book value of the cash-generating unit that the goodwill was allocated to, no impairment recognition is necessary for goodwill.

(12) Financial liabilities at fair value through profit or loss

_	2017.9.30	2016.12.31	2016.9.30
Designated financial liabilities at fair			
value through profit or loss at initial			
recognition:			
Bond Investment	\$44,927,462	\$39,491,908	\$41,371,943
Held for trading:			
Bond Investment	298,204	-	-
Derivative financial instruments	45,215,157	73,777,749	41,236,704
Security lending payables hedging	157,756	284,643	525,145
Security lending payables non-hedging	1,278,482	1,460,526	1,988,474
Subtotal	46,949,599	75,522,918	43,750,323
Total	\$91,877,061	\$115,014,826	\$85,122,266

- A. Cathay United Bank was authorized to issue subordinated financial debentures amounting to US\$990 million in September 2014, which were issued in amounts of US\$660 million (perpetual) and US\$330 million (fifteen-years) with a fixed interest rate of 5.10% and 4.00%, respectively on 8 October 2014 with interests paid annually. Cathay United Bank was approved by the competent authorities to redeem the US\$660 million bonds at its book value upon maturity of 12 years.
- B. Cathay United Bank was authorized to issue unsubordinated financial debentures amounting to US\$180 million (maturity of thirty years) on 30 March 2015. In addition to redemption by exercising callable rights, the principal of the debentures was repaid in a lump sum on maturity in the form of zero-coupon bonds with an internal rate of return of 4.20%.
- C. Cathay United Bank was authorized to issue unsubordinated financial debentures amounting to US\$195 million (maturity of thirty years) on 11 April 2017. In addition to redemption by exercising callable rights, the principal of the debentures is repaid in a lump sum on maturity in the form of zero-coupon bonds with an internal rate of return of 4.30%.

(13) Commercial paper payables

	2017.9.30	2016.12.31	2016.9.30
Commercial paper payable	\$51,420,000	\$41,580,000	\$36,120,000
Less: Discount on commercial paper payable	(2,099)	(1,162)	(870)
Total	\$51,417,901	\$41,578,838	\$36,119,130
Average interest rates	0.40%~0.528%	0.38%~0.808%	0.33%~0.95%

(14) Deposits

	2017.9.30	2016.12.31	2016.9.30
Check deposits	\$12,022,330	\$15,317,858	\$13,424,416
Demand deposits	444,981,686	417,609,518	399,174,314
Demand savings deposits	811,838,664	765,842,523	756,407,427
Time deposits	411,542,689	418,512,238	428,855,184
Negotiable Certificates of Deposit	3,469,600	3,554,400	3,503,500
fixed savings deposits	372,261,164	377,702,458	383,808,429
Remittances	3,032,782	1,404,177	1,744,277
Total	\$2,059,148,915	\$1,999,943,172	\$1,986,917,547

(15) Bonds payable

2017.9.30	2016.12.31	2016.9.30
\$-	\$-	\$19,900,000
35,000,000	-	-
63,350,000	51,900,000	51,900,000
\$98,350,000	\$51,900,000	\$71,800,000
	\$- 35,000,000 63,350,000	\$- \$- 35,000,000 - 63,350,000 51,900,000

- A. Cathay United Bank issued an eight-year subordinated financial debenture totaling \$3,650,000 thousand with a stated interest rate of 2.42% in June 2009, and the interest is payable quarterly. Cathay United Bank had bought back the debenture in full in June 2017.
- B. Cathay United Bank issued a ten-year subordinated financial debenture totaling \$1,500,000 thousand with a stated interest rate of 2.60% in July 2009, and the interest is payable quarterly.
- C. The Company issued a seven-year unsecured subordinated financial debenture totaling \$20,000,000 thousand with a stated interest rate of 2.65% on September 16, 2009. The subordinated financial debenture will be paid at maturity and the interest is payable annually. The Company had bought back the debenture in full in October 2016.

- D. Cathay United Bank issued a seven-year subordinated financial debenture totaling \$3,850,000 thousand with a stated interest rate of 1.65% in March 2011, and the interest is payable quarterly.
- E. Cathay United Bank issued a ten-year subordinated financial debenture totaling \$1,500,000 thousand with a stated interest rate of 1.72% in March 2011, and the interest is payable quarterly.
- F. Cathay United Bank issued a seven-year subordinated financial debenture totaling \$3,900,000 thousand with a stated interest rate of 1.65% in June 2011, and the interest is payable quarterly.
- G. Cathay United Bank issued a ten-year subordinated financial debenture totaling \$2,500,000 thousand with a stated interest rate of 1.72% in June 2011, and the interest is payable quarterly.
- H. Cathay United Bank issued a seven-year subordinated financial debenture totaling \$200,000 thousand with a stated interest rate of 1.48% in June 2012, and the interest is payable annually.
- I. Cathay United Bank issued a ten-year subordinated financial debenture totaling \$4,200,000 thousand with a stated interest rate of 1.65% in June 2012, and the interest is payable annually.
- J. Cathay United Bank issued a ten-year subordinated financial debenture totaling \$5,600,000 thousand with a stated interest rate of 1.65% in August 2012, and the interest is payable annually.
- K. Cathay United Bank issued a seven-year subordinated financial debenture totaling \$100,000 thousand with a stated interest rate of 1.55% in April 2013, and the interest is payable annually.
- L. Cathay United Bank issued a ten-year subordinated financial debenture totaling \$9,900,000 thousand with a stated interest rate of 1.70% in April 2013, and the interest is payable annually.
- M.Cathay United Bank issued a seven-year subordinated financial debenture totaling \$3,000,000 thousand with a stated interest rate of 1.70% in May 2014, and the interest is payable annually.
- N. Cathay United Bank issued a ten-year subordinated financial debenture totaling \$12,000,000 thousand with a stated interest rate of 1.85% in May 2014, and the interest is payable annually.

- O. Cathay United Bank issued a seven-year subordinated financial debenture totaling \$2,400,000 thousand with a stated interest rate of 1.50% in April 2017, and the interest is payable annually.
- P. Cathay United Bank issued a ten-year subordinated financial debenture totaling \$12,700,000 thousand with a stated interest rate of 1.85% in April 2017, and the interest is payable annually.
- Q. Pursuant to Letter Cheng-Gui-Chai-Zi No. 10600099421 issued by the Taipei Exchange, Cathay Life issued its first cumulative perpetual subordinated financial debentures on 12 May 2017 through public offering. The key terms and conditions are as follows:
 - (A) Issue amount: \$35,000,000 thousand.
 - (B) Principal amount and issue price: The face value is \$1,000 thousand each, and is issued at par.
 - (C) Years to maturity: Perpetual.
 - (D) Coupon rate: Fixed rate of 3.3% from the issue date to the tenth year, plus 1% if the bonds are not redeemed after the tenth year maturity.
 - (E) Terms of interest payments: The interest payments are calculated and paid at coupon rate every year from the issue date.
 - (F) Right of early redemption: If Cathay Life's risk-based capital ratio is greater than twice the minimum risk-based capital ratio required for insurance companies, Cathay Life may, with the approval of the competent authorities, redeem the bonds in full after 10 years of the issuance, at a redemption price equal to 100% of the principal amount of the bonds to be redeemed, plus accrued and unpaid interest.
 - (G) Forms of bonds: Book-entry securities.
- R. 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.

(16) Other financial liabilities

	2017.9.30	2016.12.31	2016.9.30
Separate account insurance products-			
liabilities	\$549,806,578	\$498,014,211	\$496,548,030
Principle received from the sale of			
structured products	61,916,628	61,566,809	60,233,573
Other financial liabilities	2,693,356	1,643,809	1,458,781
Total	\$614,416,562	\$561,224,829	\$558,240,384

(17) Provisions

	2017.9.30	2016.12.31	2016.9.30
Unearned premium reserve	\$26,433,441	\$26,143,298	\$25,368,581
Reserve for insurance liabilities	4,748,354,906	4,478,471,235	4,352,539,151
Special reserve	14,600,188	18,780,783	21,395,575
Reserve for claims	15,998,175	16,343,528	15,664,201
Premium deficiency reserve	27,852,157	29,771,615	26,691,599
Reserve for insurance contracts with			
feature of financial instruments	8,523,525	10,320,750	19,937,602
Foreign exchange volatility reserve	9,465,865	9,871,478	10,231,206
Reserve for Guarantees	73,496	73,181	70,276
Reserve for employee benefits liabilities	3,436,996	3,514,260	3,504,295
Contingent liabilities reserve	1,276,344	1,268,542	967,553
Other operating reserve	26,408	27,622	27,694
Other reserve	1,920,792	1,938,792	1,939,890
Total	\$4,857,962,293	\$4,596,525,084	\$4,478,337,623

A. Life insurance subsidiaries

As of 30 September 2017, 31 December 2016 and 30 September 2016 the details and changes of insurance contracts and financial instruments with discretionary participation feature are summarized below:

(A) Reserve for life insurance liabilities:

	2017.9.30			2016.12.31		
	Financial			Financial		
		instruments with			instruments with	
		discretionary			discretionary	
	Insurance contract	participation feature	Total	Insurance contract	participation feature	Total
Life insurance(Note)	\$4,135,124,128	\$1,331,445	\$4,136,455,573	\$3,908,139,238	\$2,015,303	\$3,910,154,541
Injury insurance	7,593,768	-	7,593,768	7,719,298	-	7,719,298
Health insurance	568,760,120	-	568,760,120	520,978,683	-	520,978,683
Annuity insurance	1,388,728	33,613,913	35,002,641	1,377,249	37,577,532	38,954,781
Investment-linked insurance	542,744		542,744	663,891		663,891
Subtotal	4,713,409,488	\$34,945,358	4,748,354,846	4,438,878,359	39,592,835	4,478,471,194
Less ceded reserve for life						
insurance liabilities:						
Life insurance	300,063		300,063	228,765		228,765
Total	\$4,713,109,425	\$34,945,358	\$4,748,054,783	\$4,438,649,594	\$39,592,835	\$4,478,242,429

	2016.9.30						
		Financial					
		instruments with					
		discretionary					
	Insurance contract	participation feature	Total				
Life insurance(Note)	\$3,796,360,323	\$2,242,554	\$3,798,602,877				
Injury insurance	7,682,955	-	7,682,955				
Health insurance	504,170,439	-	504,170,439				
Annuity insurance	1,391,633	39,989,138	41,380,771				
Investment-linked insurance	702,085		702,085				
Subtotal	4,310,307,435	42,231,692	4,352,539,127				
Less ceded reserve for life							
insurance liabilities :							
Life insurance	230,796		230,796				
Total	\$4,310,076,639	\$42,231,692	\$4,352,308,331				

Note: Allowance for doubtful account pertinent to 3% of business tax cut and recovery from major incident reserve are included.

Reserve for life insurance liabilities is summarized below:

2017.1.1~2017.9.30			2016.1.1~2016.9.30		
Financial			Financial		
instruments with				instruments with	
	discretionary			discretionary	
Insurance contract	participation feature	Total	Insurance contract	participation feature	Total
\$4,438,878,359	\$39,592,835	\$4,478,471,194	\$4,035,413,477	\$53,505,125	\$4,088,918,602
496,797,970	61,697	496,859,667	486,090,870	81,312	486,172,182
(167,684,499)	(4,739,402)	(172,423,901)	(167,735,850)	(11,327,502)	(179,063,352)
(54,582,342)	30,228	(54,552,114)	(43,461,062)	(27,243)	(43,488,305)
4,713,409,488	34,945,358	4,748,354,846	4,310,307,435	42,231,692	4,352,539,127
rance liabilities:					
228,765	-	228,765	162,951	-	162,951
72,375	-	72,375	82,657	-	82,657
(1,077)	<u>-</u>	(1,077)	(14,812)	<u>-</u>	(14,812)
300,063		300,063	230,796		230,796
\$4,713,109,425	\$34,945,358	\$4,748,054,783	\$4,310,076,639	\$42,231,692	\$4,352,308,331
	\$4,438,878,359 496,797,970 (167,684,499) (54,582,342) 4,713,409,488 rance liabilities: 228,765 72,375 (1,077) 300,063	Financial instruments with discretionary Insurance contract participation feature \$4,438,878,359 \$39,592,835 496,797,970 61,697 (167,684,499) (4,739,402) (54,582,342) 30,228 4,713,409,488 34,945,358 rance liabilities: 228,765 - 72,375 - (1,077) - 300,063 -	Financial instruments with discretionary Insurance contract participation feature Total \$4,438,878,359 \$39,592,835 \$4,478,471,194 496,797,970 61,697 496,859,667 (167,684,499) (4,739,402) (172,423,901) (54,582,342) 30,228 (54,552,114) 4,713,409,488 34,945,358 4,748,354,846 rance liabilities: 228,765 - 228,765 72,375 - 72,375 (1,077) - (1,077) 300,063 - 300,063	Financial instruments with discretionary Insurance contract participation feature Total Insurance contract \$4,438,878,359 \$39,592,835 \$4,478,471,194 \$4,035,413,477 496,797,970 61,697 496,859,667 486,090,870 (167,684,499) (4,739,402) (172,423,901) (167,735,850) (54,582,342) 30,228 (54,552,114) (43,461,062) 4,713,409,488 34,945,358 4,748,354,846 4,310,307,435 rance liabilities: 228,765 - 228,765 162,951 72,375 82,657 (1,077) - (1,077) (14,812) 300,063 - 300,063 230,796	Financial instruments with discretionary Insurance contract participation feature \$4,438,878,359 \$39,592,835 \$4,478,471,194 \$4,035,413,477 \$53,505,125 496,797,970 61,697 496,859,667 486,090,870 81,312 (167,684,499) (4,739,402) (172,423,901) (167,735,850) (11,327,502) (54,582,342) 30,228 (54,552,114) (43,461,062) (27,243) 4,713,409,488 34,945,358 4,748,354,846 4,310,307,435 42,231,692 rance liabilities: 228,765 - 228,765 162,951 - 72,375 82,657 - (1,077) - (1,077) (14,812) - 300,063 - 300,063 - 300,063 230,796

(B) Unearned premium reserve:

	2017.9.30			2016.12.31			
		Financial			Financial		
		instruments with			instruments with		
		discretionary			discretionary		
	Insurance contract	participation feature	Total	Insurance contract	participation feature	Total	
Individual life insurance	\$623,112	\$-	\$623,112	\$577,903	\$-	\$577,903	
Individual injury insurance	5,414,138	-	5,414,138	5,419,323	-	5,419,323	
Individual health insurance	7,819,871	-	7,819,871	7,883,926	-	7,883,926	
Group insurance	1,290,927	-	1,290,927	1,054,633	-	1,054,633	
Investment-linked insurance	107,062		107,062	107,249		107,249	
Total	15,255,110		15,255,110	15,043,034		15,043,034	
Less ceded unearned premium	reserve:						
Individual life insurance	214,402	-	214,402	191,241	-	191,241	
Individual injury insurance	5,560	-	5,560	4,581	-	4,581	
Individual health insurance	50,655	-	50,655	-	-	-	
Group insurance	394		394	4,007	-	4,007	
Total	271,011		271,011	199,829	-	199,829	
Net	\$14,984,099	\$-	\$14,984,099	\$14,843,205	\$-	\$14,843,205	

	2016.9.30						
		Financial					
		instruments with					
		discretionary					
	Insurance contract	participation feature	Total				
Individual life insurance	\$552,547	\$-	\$552,547				
Individual injury insurance	5,244,221	-	5,244,221				
Individual health insurance	7,385,342	-	7,385,342				
Group insurance	1,225,265	-	1,225,265				
Investment-linked insurance	103,217	-	103,217				
Total	14,510,592		14,510,592				
Less ceded unearned premium	reserve:						
Individual life insurance	217,483	-	217,483				
Individual injury insurance	6,084	-	6,084				
Individual health insurance	5,829	-	5,829				
Group insurance	7,282	-	7,282				
Total	236,678	_	236,678				
Net	\$14,273,914	\$-	14,273,914				

Unearned premium reserve is summarized below:

	2017.1.1~2017.9.30			2016.1.1~2016.9.30				
		Financial			Financial			
		instruments with			instruments with			
		discretionary			discretionary			
	Insurance contract	participation feature	Total	Insurance contract	participation feature	Total		
Beginning balance	\$15,043,034	\$-	\$15,043,034	\$14,363,914	\$-	\$14,363,914		
Reserve	15,243,258	-	15,243,258	14,522,549	-	14,522,549		
Recover	(15,026,557)	-	(15,026,557)	(14,351,613)	-	(14,351,613)		
Losses (gains) on foreign exchange	(4,625)		(4,625)	(24,258)		(24,258)		
Ending balance	15,255,110	=	15,255,110	14,510,592		14,510,592		
Less ceded unearned premium	reserve:							
Beginning balance-Net	199,829	-	199,829	182,325	-	182,325		
Increase	75,189	-	75,189	55,673	-	55,673		
Decrease	(3,871)	-	(3,871)	(50)	-	(50)		
Gains (losses) on foreign exchange	(136)		(136)	(1,270)		(1,270)		
Total	271,011		271,011	236,678		236,678		
Ending balance-Net	\$14,984,099	\$-	\$14,984,099	\$14,273,914	\$-	\$14,273,914		

(C) Reserve for claims:

	2017.9.30			2016.12.31		
	Financial			Financial		
		instruments with			instruments with	
		discretionary			discretionary	
	Insurance contract	participation feature	Total	Insurance contract	participation feature	Total
Individual life insurance						_
- Reported but not paid claim	\$884,787	\$2,389	\$887,176	\$785,456	\$1,056	\$786,512
 Unreported claim 	60,779	-	60,779	65,767	-	65,767
Individual injury insurance						
- Reported but not paid claim	83,392	-	83,392	80,286	-	80,286
- Unreported claim	1,609,928	-	1,609,928	1,424,157	-	1,424,157
Individual health insurance						
- Reported but not paid claim	799,053	-	799,053	601,712	-	601,712
- Unreported claim	2,593,338	-	2,593,338	2,296,062	-	2,296,062
Group insurance						
- Reported but not paid claim	45,813	-	45,813	55,870	-	55,870
- Unreported claim	1,185,361	-	1,185,361	1,124,078	-	1,124,078
Investment-linked insurance						
- Reported but not paid claim	50,364	-	50,364	63,850	-	63,850
- Unreported claim	1,657		1,657	1,570		1,570
Total	7,314,472	2,389	7,316,861	6,498,808	1,056	6,499,864
Less ceded reserve for claims:						
Individual life insurance	2	-	2	34,765	-	34,765
Individual health insurance	7,439	-	7,439	2,741	-	2,741
Group insurance	2,289		2,289	4,177		4,177
Total	9,730	-	9,730	41,683		41,683
Net	\$7,304,742	\$2,389	\$7,307,131	\$6,457,125	\$1,056	\$6,458,181
		:				

	2016.9.30							
	Financial							
	instruments with							
		discretionary						
	Insurance contract	participation feature	Total					
Individual life insurance								
- Reported but not paid claim	\$121,620	\$1,056	\$122,676					
- Unreported claim	106,626	-	106,626					
Individual injury insurance								
- Reported but not paid claim	87,050	-	87,050					
- Unreported claim	1,489,524	-	1,489,524					
Individual health insurance								
- Reported but not paid claim	188,265	-	188,265					
- Unreported claim	2,386,730	-	2,386,730					
Group insurance								
- Reported but not paid claim	58,336	-	58,336					
- Unreported claim	1,152,928	-	1,152,928					
Investment-linked insurance								
- Reported but not paid claim	-	-	-					
- Unreported claim	2,609		2,609					
Total	5,593,688	1,056	5,594,744					
Less ceded reserve for claims:								
Individual life insurance	31,379	-	31,379					
Individual health insurance	4,583	-	4,583					
Group insurance	9,669		9,669					
Total	45,631		45,631					
Net	\$5,548,057	\$1,056	\$5,549,113					

Reserve for claims is summarized below:

	2017.1.1~2017.9.30			2016.1.1~2016.9.30				
		Financial			Financial			
		instruments with			instruments with			
		discretionary			discretionary			
	Insurance contract	participation feature	Total	Insurance contract	participation feature	Total		
Beginning balance	\$6,498,808	\$1,056	\$6,499,864	\$5,176,041	\$1,056	\$5,177,097		
Reserve	7,233,337	2,389	7,235,726	5,524,923	1,056	5,525,979		
Recover	(6,410,367)	(1,056)	(6,411,423)	(5,079,060)	(1,056)	(5,080,116)		
Losses (gains) on foreign exchange	(7,306)		(7,306)	(28,216)		(28,216)		
Ending balance	7,314,472	2,389	7,316,861	5,593,688	1,056	5,594,744		
Less ceded reserve for claims:								
Beginning balance-Net	41,683	-	41,683	38,633	-	38,633		
Increase	4,338	-	4,338	7,280	-	7,280		
Decrease	(36,330)	-	(36,330)	-	-	-		
Gains (losses) on foreign exchange	39		39	(282)		(282)		
Total	9,730		9,730	45,631		45,631		
Net	\$7,304,742	\$2,389	\$7,307,131	\$5,548,057	\$1,056	\$5,549,113		

(D) Special reserve:

	2017.9.30				2016.12.31			
		Financial				Financial		
		instruments with				instruments with	l	
		discretionary				discretionary		
	Insurance	participation			Insurance	participation		
	contract	feature	Other	Total	contract	feature	Other	Total
Participating policies dividends								
reserve	\$(63,860)	\$-	\$-	\$(63,860)	\$(67,018)	\$-	\$-	\$(67,018)
Dividends reserve	64,490	-	-	64,490	68,657	-	-	68,657
Special reserve for revaluation								
increments of property		-	11,083,324	11,083,324	_	_	15,416,619	15,416,619
Total	\$630	\$-	\$11,083,324	\$11,083,954	\$1,639	\$-	\$15,416,619	\$15,418,258

2016.9.30						
Financial						
	instruments with					
	discretionary					
Insurance	participation					
contract	feature	Other	Total			
\$(64,619)	\$-	\$-	\$(64,619)			
65,983	-	-	65,983			
		17,946,619	17,946,619			
\$1,364	\$-	\$17,946,619	\$17,947,983			
	\$(64,619) 65,983	Insurance contract Financial instruments with discretionary participation feature \$(64,619)	instruments with discretionary Insurance participation contract feature Other \$(64,619) \$- \$- 65,983 17,946,619			

Special reserve is summarized below:

	2017.1.1~2017.9.30				2016.1.1~2016.9.30				
		Financial				Financial			
		instruments with				instruments with			
		discretionary				discretionary			
	Insurance	participation			Insurance	participation			
	contract	feature	Other	Total	contract	feature	Other	Total	
Beginning balance	\$1,639	\$-	\$15,416,619	\$15,418,258	\$1,354	\$-	\$25,416,619	\$25,417,973	
Reserves for participating									
policies dividends reserve	11,335	-	-	11,335	(27,333)	-	-	(27,333)	
Participating policies									
dividends recover	(8,177)	-	-	(8,177)	(898)	-	-	(898)	
Dividends reserve	(4,167)	-	-	(4,167)	28,241	-	-	28,241	
Special reserve for revaluation									
increments of property (Note)	-		(4,333,295)	(4,333,295)	-		(7,470,000)	(7,470,000)	
Ending balance	\$630	\$-	\$11,083,324	\$11,083,954	\$1,364	\$-	\$17,946,619	\$17,947,983	

Note: Pursuant to Letter Jin-Guan-Bao-Shou-Zi No.10600400550 issued on 2 February 2017 by the FSC, Cathay Life may recover special reserve for revaluation increments of real property monthly, and the total recovered amount in 2017 was \$4.33 billion. Pursuant to Letter Jin-Guan-Bao-Shou-Zi No.10500400250 issued on 30 January 2016 by the FSC, Cathay Life may recover special reserve for revaluation increments of real property monthly, and the total recovered amount in 2016 was \$10 billion.

(E) Premium deficiency reserve:

	2017.9.30			2016.12.31		
		Financial			Financial	
		instruments with			instruments with	
		discretionary			discretionary	
	Insurance contract	participation feature	Total	Insurance contract	participation feature	Total
Individual life insurance	\$26,169,633	\$-	\$26,169,633	\$27,998,318	\$-	\$27,998,318
Individual health insurance	1,678,117	-	1,678,117	1,762,497	-	1,762,497
Group insurance	172	-	172	266	-	266
Total	\$27,847,922	\$-	\$27,847,922	\$29,761,081	\$-	\$29,761,081
		2016.9.30		_		
		Financial				
		instruments with				
		discretionary				
	Insurance contract	participation feature	Total	_		
Individual life insurance	\$24,869,501	\$-	\$24,869,501			
Individual health insurance	1,803,508	-	1,803,508			
Group insurance	401	-	401	_		
Total	\$26,673,410	\$-	\$26,673,410			

Premium deficiency reserve is summarized below:

	2017.1.1~2017.9.30			2016.1.1~2016.9.30			
		Financial		Financial			
		instruments with			instruments with		
	discretionary			discretionary			
	Insurance contract	participation feature	Total	Insurance contract	participation feature	Total	
Beginning balance	\$29,761,081	\$-	\$29,761,081	\$22,242,577	\$-	\$22,242,577	
Reserve	720,625	-	720,625	5,160,566	-	5,160,566	
Recover	(2,118,206)	-	(2,118,206)	(355,446)	-	(355,446)	
Losses (gains) on foreign							
exchange	(515,578)	-	(515,578)	(374,287)		(374,287)	
Ending balance	\$27,847,922	\$-	\$27,847,922	\$26,673,410	\$-	\$26,673,410	

(F) Other reserve:

		2017.9.30	
		Financial	
		instruments with	
		discretionary	
	Insurance contract	participation feature	Total
Others	\$1,920,792	\$ -	\$1,920,792
		2016.12.31	
		Financial	
		instruments with	
		discretionary	
	Insurance contract	participation feature	Total
Others	\$1,938,792	\$-	\$1,938,792
		2016.9.30	
		Financial	
		instruments with	
		discretionary	
	Insurance contract	participation feature	Total
Others	\$1,939,890	\$-	\$1,939,890

2017.1.1~2017.9.30							
Financial							
instruments with							
	discretionary						
Insurance contract	participation feature	Total					
\$1,938,792	\$-	\$1,938,792					
(18,000)		(18,000)					
\$1,920,792	\$-	\$1,920,792					
	\$1,938,792 (18,000)	Financial instruments with discretionary Insurance contract participation feature \$1,938,792 \$- (18,000) -					

		2016.1.1~2016.9.30	
		Financial	
		instruments with	
		discretionary	
	Insurance contract	participation feature	Total
Beginning balance	\$1,967,824	\$-	\$1,967,824
Recover	(27,934)		(27,934)
Ending balance	\$1,939,890	\$-	\$1,939,890

(G) Liability adequacy reserve:

Insurance contract and financial instruments	
with discretionary participation feature	

	with discretionary participation reature			
	2017.9.30	2016.12.31	2016.9.30	
Reserve for life insurance liabilities	\$4,748,354,846	\$4,478,471,194	\$4,352,539,127	
Unearned premium reserve	15,255,110	15,043,034	14,510,592	
Premium deficiency reserve	27,847,922	29,761,081	26,673,410	
Other reserve	1,920,792	1,938,792	1,939,890	
Total	\$4,793,378,670	\$4,525,214,101	\$4,395,663,019	
Book value of insurance liabilities	\$4,793,378,670	\$4,525,214,101	\$4,395,663,019	
Estimated present value of cash flows	\$4,102,019,403	\$3,548,719,473	\$3,503,763,114	
Balance of liability adequacy reserve	\$-	\$-	\$-	

- Note 1: Shown by the range of the liability adequacy test carried out (tested on the entire contracts).
- Note 2: Reserve for claims and special reserve are not included in the liability adequacy test. Reserve for claims is determined based on claims incurred before valuation date and therefore not included in the test.
- Note 3: Cathay Life has completed the acquisition of Global Life Insurance Co., Ltd. and Singfor Life Insurance Co., Ltd. Thus, the value of the acquired business, i.e. other reserve, shall be considered in the book value of insurance liability included in the liability adequacy test.
- Note 4: The expense assumption of Cathay life (Vietnam) under estimated present value of cash flows was changed to adopted actual expense basis in the calculation of estimated present value of cash flows starting from 30 June 2017.

Cathay Life's liability adequacy testing methodologies are listed as follows:

	2017.9.30	2016.12.31	2016.9.30
Test method	Gross premium valuation method (GPV)	Gross premium valuation method (GPV)	Gross premium valuation method (GPV)
Groups	Integrated testing	Integrated testing	Integrated testing
Assumptions	 Information of policies: Include insurance contracts and financial instruments with discretionary participation feature as of 30 September 2017. Discount rate: Under assets allocation plan on 30 June 2017, discount rates are calculated using the best estimated scenario investment return based on actuary report of 2016, with neutral assumption for discount rates after 30 	 Information of policies: Include insurance contracts and financial instruments with discretionary participation feature as of 31 December 2016. Discount rate: Under assets allocation plan on 30 September 2016, discount rates are calculated using the best estimated scenario investment return based 	(1) Information of policies: Include insurance contracts and financial instruments with discretionary participation feature as of 30 September 2016. (2) Discount rate: Under assets allocation plan on 30 June 2016, discount rates are calculated using the best estimated scenario investment return based on actuary report of 2015, with neutral assumption for discount rates after 30 years.
	years.		

Cathay Lujiazui Life's liability adequacy testing methodology is listed as follows:

	2017.9.30	2016.12.31	2016.9.30
Test method	Gross premium valuation	Gross premium valuation	Gross premium valuation
	method (GPV)	method (GPV)	method (GPV)
Groups	Integrated testing	Integrated testing	Integrated testing
Assumptions	(1) Information of policies:	(1) Information of policies:	(1) Information of policies:
	Include insurance	Including insurance	Include insurance
	contracts and financial	contracts and financial	contracts and financial
	instruments with	instruments with	instruments with
	discretionary	discretionary	discretionary
	participation feature as	participation feature as	participation feature as
	of 30 September 2017.	of 31 December 2016.	of 30 September 2016.
	(2) Discount rate: Discount	(2) Discount rate: Discount	(2) Discount rate: Discount
	rates are calculated using	rates are calculated using	rates are calculated using
	the best estimated	the best estimated	the best estimated
	scenario investment	scenario investment	scenario investment
	return based on actuary	return based on the	return based on actuary
	report of 2016, with	actuary report of 2015,	report of 2015, with
	neutral assumption for	with neutral assumption	neutral assumption for
	discount rates after 30	for discount rates after	discount rates after 30
	years.	30 years.	years.

(H) Reserve for insurance contract with feature of financial instruments:

Life insurance subsidiaries issue non-investment-linked insurance contracts without discretionary participation feature of financial instruments. As of 30 September 2017, 31 December 2016 and 30 September 2016, reserve for insurance contracts with feature of financial instruments is summarized below:

	2017.9.30	2016.12.31	2016.9.30
Life insurance	\$8,274,513	\$10,267,914	\$19,889,306
Investment-linked insurance	249,012	52,836	48,296
Total	\$8,523,525	\$10,320,750	\$19,937,602
		2017.1.1~	2016.1.1~
		2017.9.30	2016.9.30
Beginning balance		\$10,320,750	\$54,002,965
Premiums received		3,041,272	1,363,745
Insurance claim payments		(4,505,255)	(35,182,174)
Net provision of statutory reserve	2	(259,933)	171,581
Losses (gains) on foreign exchange	ge	(73,309)	(418,515)
Ending balance		\$8,523,525	\$19,937,602

(I) Foreign exchange volatility reserve

a. The hedge strategy and risk exposure:

Based on the principle of risk control and to maintain the consistent level of foreign exchange volatility reserve, Cathay Life consistently adjusts the hedge ratios and risk exposure position under the risk control.

b. Adjustment in foreign exchange volatility reserve:

	2017.1.1~	2016.1.1~
	2017.9.30	2016.9.30
Beginning balance	\$9,871,478	\$16,026,449
Reserve:		
Compulsory reserve	3,257,194	3,113,279
Extra reserve	2,581,153	364,986
Subtotal	5,838,347	3,478,265
Recover	(6,243,960)	(9,273,508)
Ending balance:	\$9,465,865	\$10,231,206

c. Effects due to foreign exchange volatility reserve:

2017.1.1~2017.9.30				
Inapplicable Applicable Effects				
Item	amount (1)	amount (2)	(3)=(2)-(1)	
Consolidated income	\$47,924,096	\$48,260,754	\$336,658	
Earnings per share	3.79	3.81	0.02	
Foreign exchange volatility reserve	-	9,465,865	9,465,865	
Equity	597,616,336	593,710,239	(3,906,097)	

2016.1.1~2016.9.30				
Inapplicable Applicable Effe				
Item	amount (1)	amount (2)	(3)=(2)-(1)	
Consolidated income	\$34,439,419	\$39,249,470	\$4,810,051	
Earnings per share	2.70	3.08	0.38	
Foreign exchange volatility reserve	-	10,231,206	10,231,206	
Equity	503,169,974	498,628,644	(4,541,330)	

B. Century Insurance subsidiaries

(A) Unearned premiums reserve

a. Unearned premium reserve and ceded unearned premium reserve are summarized as follows:

	2017.9.30			
			Ceded unearned	
	Unearned pro	emium reserve	premium reserve	
		Assumed		
	Direct business	reinsurance business	Ceded reinsurance	Retained business
Item	(1)	(2)	business (3)	(4)=(1)+(2)-(3)
Fire insurance	\$1,835,385	\$140,919	\$1,129,571	\$846,733
Marine insurance	104,952	12,077	79,903	37,126
Land and air insurance	4,442,625	3,561	194,119	4,252,067
Liability insurance	597,252	878	179,891	418,239
Bonding insurance	61,105	758	47,993	13,870
Other property insurance	586,718	58,597	273,377	371,938
Accident insurance	1,496,816	3,220	79,743	1,420,293
Health insurance	59,675	8,388	-	68,063
Compulsory automobile				
liability insurance	1,284,236	481,169	770,771	994,634
Total	\$10,468,764	\$709,567	\$2,755,368	\$8,422,963

		2016	.12.31	
			Ceded unearned	
	Unearned pro	emium reserve	premium reserve	
		Assumed		
	Direct business	reinsurance	Ceded reinsurance	Retained business
Item	(1)	business (2)	business (3)	(4)=(1)+(2)-(3)
Fire insurance	\$1,786,006	\$82,136	\$1,064,889	\$803,253
Marine insurance	122,955	8,402	89,553	41,804
Land and air insurance	4,514,514	7,224	282,758	4,238,980
Liability insurance	578,028	700	180,130	398,598
Bonding insurance	36,137	800	22,051	14,886
Other property insurance	631,758	21,985	278,573	375,170
Accident insurance	1,483,727	2,505	59,853	1,426,379
Health insurance	52,128	-	-	52,128
Compulsory automobile				
liability insurance	1,289,517	481,742	774,469	996,790
Total	\$10,494,770	\$605,494	\$2,752,276	\$8,347,988
		2016	5.9.30	
			Ceded unearned	
	Unearned pro	emium reserve	premium reserve	
		Assumed		
	Direct business	reinsurance business	Ceded reinsurance	Retained business
Item	(1)	(2)	business (3)	(4)=(1)+(2)-(3)
Fire insurance	\$1,863,802	\$90,460	\$1,092,379	\$861,883
Marine insurance	110,234	8,436	82,178	36,492
Land and air insurance	4,223,059	12,565	186,476	4,049,148
Liability insurance	581,942	1,106	181,439	401,609
Bonding insurance	45,832	590	31,051	15 271
Bonding insurance	45,652	390	31,031	15,371
Other property insurance	572,618	24,600	266,149	331,069
-				
Other property insurance	572,618	24,600	266,149	331,069
Other property insurance Accident insurance	572,618 1,469,610	24,600	266,149 73,791	331,069 1,398,315
Other property insurance Accident insurance Health insurance	572,618 1,469,610	24,600	266,149 73,791	331,069 1,398,315

b. Reconciliation statement of unearned premium reserve and ceded unearned premium reserve

	2017.1.1~2017.9.30		2016.1.1~	2016.9.30
	Unearned	Ceded unearned	Unearned	Ceded unearned
Item	premium reserve	premium reserve	premium reserve	premium reserve
Beginning balance	\$11,100,264	\$2,752,276	\$12,064,950	\$2,786,250
Prior period adjustment				
of profit or loss	3,566	-	-	-
Reserve	11,180,690	2,756,565	12,126,449	2,857,046
Recover	(11,099,313)	(2,749,807)	(12,058,760)	(2,788,040)
Effects of exchange rate				
changes	(6,876)	(3,666)	(71,933)	(9,746)
Lose control			(1,202,717)	(157,284)
Ending balance	\$11,178,331	\$2,755,368	\$10,857,989	\$2,688,226

(B) Claims reserve

a. Claims reserve and ceded claims reserve

			Ceded claims	
	Claims	reserve	reserve	
	Direct	Assumed		
	underwriting	reinsurance	Ceded reinsurance	
	business	business	business	Retained business
Item	(1)	(2)	(3)	(4)=(1)+(2)-(3)
Claims reported but				
not paid off	\$4,189,788	\$264,525	\$1,954,032	\$2,500,281
Unreported claims	3,771,061	455,940	1,121,124	3,105,877
Total	\$7,960,849	\$720,465	\$3,075,156	\$5,606,158

	2016.12.31				
			Ceded claims		
	Claims	reserve	reserve		
	Direct	Assumed			
	underwriting	underwriting reinsurance Co			
	business	business business		Retained business	
Item	(1)	(2)	(3)	(4)=(1)+(2)-(3)	
Claims reported but					
not paid off	\$5,932,690	\$235,435	\$3,260,191	\$2,907,934	
Unreported claims	3,258,534	417,005	938,123	2,737,416	
Total	\$9,191,224	\$652,440	\$4,198,314	\$5,645,350	

		201	6.9.30	
			Ceded claims	
	Claims	reserve	reserve	
	Direct	Assumed		
	underwriting	reinsurance	Ceded reinsurance	
business		business	business	Retained business
Item	(1)	(1) (2)		(4)=(1)+(2)-(3)
Claims reported but				
not paid off	\$6,025,289	\$232,954	\$3,647,369	\$2,610,874
Unreported claims	3,419,910	391,304	988,280	2,822,934
Total	\$9,445,199	\$624,258	\$4,635,649	\$5,433,808

b. Net changes for claims reserve and ceded claims reserve

	2017.1.1~2017.9.30							
	Direct underw	riting business	Assumed reinsu	urance business	1	Ceded reinsur	ance business	Net change for
					Net change for			ceded claims
	Reserve	Recover	Reserve	Recover	claims reserve	Reserve	Recover	reserve
Item	(1)	(2)	(3)	(4)	(5)=(1)-(2)+(3)-(4)	(6)	(7)	(8)=(6)-(7)
Claims reported								
but not paid off	\$4,193,282	\$5,924,909	\$264,525	\$235,435	\$(1,702,537)	\$1,957,059	\$3,253,000	\$(1,295,941)
Unreported claims	3,771,303	3,258,039	455,940	417,005	552,199	1,121,246	937,841	183,405
Total	\$7,964,585	\$9,182,948	\$720,465	\$652,440	\$(1,150,338)	\$3,078,305	\$4,190,841	\$(1,112,536)
				2016.1.	1~2016.9.30			
	Direct underw	riting business	Assumed reinsu	urance business	1	Ceded reinsur	ance business	Net change for
					Net change for			ceded claims
	Reserve	Recover	Reserve	Recover	claims reserve	Reserve	Recover	reserve
Item	(1)	(2)	(3)	(4)	(5)=(1)-(2)+(3)-(4)	(6)	(7)	(8)=(6)-(7)
Claims reported								
but not paid off	\$6,926,581	\$4,552,013	\$232,954	\$334,116	\$2,273,406	\$3,776,115	\$1,549,927	\$2,226,188
Unreported claims	3,945,592	3,884,974	393,168	285,866	167,920	1,047,858	1,037,259	10,599
Total	\$10,872,173	\$8,436,987	\$626,122	\$619,982	\$2,441,326	\$4,823,973	\$2,587,186	\$2,236,787

c. Reported claims but not yet paid off or unreported claims liabilities for policyholder

	2017.9.30					
		Claims reserve				
	Claim reported	Unreported				
Item	but not paid off	claims	Total			
Fire insurance	\$1,748,096	\$10,910	\$1,759,006			
Marine insurance	289,524	4,107	293,631			
Land and air insurance	979,220	1,306,710	2,285,930			
Liability insurance	423,306	591,810	1,015,116			
Bonding insurance	55,639	90,892	146,531			
Other property insurance	415,184	77,389	492,573			
Accident insurance	104,073	560,070	664,143			
Health insurance	2,284	55,293	57,577			
Compulsory automobile						
liability insurance	436,987	1,529,820	1,966,807			
Total	\$4,454,313	\$4,227,001	\$8,681,314			

	2016.12.31				
		Claims reserve			
	Claim reported	Unreported			
Item	but not paid off	claims	Total		
Fire insurance	\$3,051,885	\$11,708	\$3,063,593		
Marine insurance	259,146	1,802	260,948		
Land and air insurance	1,315,588	1,177,398	2,492,986		
Liability insurance	389,427	455,552	844,979		
Bonding insurance	43,266	13,117	56,383		
Other property insurance	480,474	28,086	508,560		
Accident insurance	125,999	443,176	569,175		
Health insurance	7,463	44,110	51,573		
Compulsory automobile					
liability insurance	494,877	1,500,590	1,995,467		
Total	\$6,168,125	\$3,675,539	\$9,843,664		

	2016.9.30				
		Claims reserve			
	Claim reported				
Item	but not paid off	claims	Total		
Fire insurance	\$3,394,733	\$159,232	\$3,553,965		
Marine insurance	241,662	50,950	292,612		
Land and air insurance	1,234,674	1,032,411	2,267,085		
Liability insurance	371,496	424,591	796,087		
Bonding insurance	47,989	90,250	138,239		
Other property insurance	402,199	77,741	479,940		
Accident insurance	117,751	439,002	556,753		
Health insurance	7,221	44,608	51,829		
Compulsory automobile					
liability insurance	440,518	1,492,429	1,932,947		
Total	\$6,258,243	\$3,811,214	\$10,069,457		

d. Reinsurance asset-ceded claims reserve for policyholder

	2017.9.30				
	Ceded claims reserve				
	Claim reported	Claim reported Unreported			
Item	but not paid off	claims	Total		
Fire insurance	\$1,149,632	\$5,418	\$1,155,050		
Marine insurance	202,072	1,771	203,843		
Land and air insurance	55,526	107,423	162,949		
Liability insurance	232,582	204,387	436,969		
Bonding insurance	38,397	77,383	115,780		
Other property insurance	118,453	23,115	141,568		
Accident insurance	7,886	41,264	49,150		
Health insurance	-	445	445		
Compulsory automobile					
liability insurance	149,484	659,918	809,402		
Total	\$1,954,032	\$1,121,124	\$3,075,156		

	2016.12.31				
	Ce	ded claims reserve	e		
	Claim reported	Unreported			
Item	but not paid off	claims	Total		
Fire insurance	\$2,387,195	\$6,623	\$2,393,818		
Marine insurance	187,355	339	187,694		
Land and air insurance	64,554	63,241	127,795		
Liability insurance	222,230	159,847	382,077		
Bonding insurance	25,258	12,426	37,684		
Other property insurance	175,782	11,257	187,039		
Accident insurance	11,295	37,748	49,043		
Health insurance	-	773	773		
Compulsory automobile					
liability insurance	186,522	645,869	832,391		
Total	\$3,260,191	\$938,123	\$4,198,314		

	2016.9.30					
	Ce	Ceded claims reserve				
	Claim reported	Unreported				
Item	but not paid off	claims	Total			
Fire insurance	\$2,872,123	\$14,500	\$2,886,623			
Marine insurance	158,593	32,055	190,648			
Land and air insurance	64,926	29,824	94,750			
Liability insurance	217,613	159,946	377,559			
Bonding insurance	25,731	71,423	97,154			
Other property insurance	151,823	18,868	170,691			
Accident insurance	8,378	35,443	43,821			
Health insurance	-	453	453			
Compulsory automobile						
liability insurance	148,182	625,768	773,950			
Total	\$3,647,369	\$988,280	\$4,635,649			

e. Reconciliation statement of claims reserve and ceded claims reserve

	2017.1.1~	2017.9.30	2016.1.1~2016.9.30		
		Ceded claims		Ceded claims	
Item	Claims reserve	reserve	Claims reserve	reserve	
Beginning balance	\$9,843,664	\$4,198,314	\$9,053,720	\$2,575,432	
Prior period adjustment					
of profit or loss	367	170	-	-	
Reserve	8,685,050	3,078,305	11,498,295	4,823,973	
Recover	(9,835,388)	(4,190,841)	(9,056,969)	(2,587,186)	
Effects of exchange					
rate changes	(12,379)	(10,792)	(74,587)	(6,330)	
Lose control		_	(1,351,002)	(170,240)	
Ending balance	\$8,681,314	\$3,075,156	\$10,069,457	\$4,635,649	

(C) Special reserve

a. Special reserve - Compulsory automobile liability insurance

	2017.1.1~	2016.1.1~
Item	2017.9.30	2016.9.30
Beginning balance	\$1,530,609	\$1,487,506
Reserve	171,565	53,886
Recover	(17,856)	(48,877)
Ending balance	\$1,684,318	\$1,492,515

b. Special reserve - Non-compulsory automobile liability insurance

Liability					
2017.1.1~2017.9.30			2016.1.1~2016.9.30		
Major	Major Fluctuation Major Fluctuation				
incidents	of risks	Total	incidents	of risks	Total
\$486,899	\$1,345,017	\$1,831,916	\$505,626	\$1,585,184	\$2,090,810
-	-	-	-	-	-
-				(135,733)	(135,733)
\$486,899	\$1,345,017	\$1,831,916	\$505,626	\$1,449,451	\$1,955,077
	Major incidents \$486,899	Major incidents of risks \$486,899 \$1,345,017	2017.1.1~2017.9.30 Major incidents Fluctuation of risks Total \$486,899 \$1,345,017 \$1,831,916 - - - - - - - - -	2017.1.1~2017.9.30 20 Major incidents Fluctuation of risks Total incidents \$486,899 \$1,345,017 \$1,831,916 \$505,626 - - - - - - - -	2017.1.1~2017.9.30 2016.1.1~2016.9 Major incidents Fluctuation of risks Major incidents Fluctuation of risks \$486,899 \$1,345,017 \$1,831,916 \$505,626 \$1,585,184 - - - - - - - - - - - - - - <td< td=""></td<>

"Precautions of Strengthening Disaster Insurance of Property Insurance Industry (Commercial Earthquake and Typhoons Flood Insurance)", "Enforcement Rules for the Risk Spreading Mechanism of Residential Earthquake Insurance", "Regulations for the Management of the Various Reserves for the nuclear Insurance", and other rules governing reserves do not have impact on Cathay Century's and its subsidiaries' income before tax and earnings per share. The special reserve under liabilities decreased \$1,523,417 thousand and special earnings capital under equity increased \$670,339 thousand.

(D) Premiums deficiency reserve

a. Premiums deficiency reserve and ceded premium deficiency reserve

Ceded premiums deficiency reserve	
deficiency reserve	
Ceded	
reinsurance	Retained
business	business
\$-	\$-
-	-
3,848	387
-	-
-	-
-	-
-	-
-	-
\$3,848	\$387
	Ceded reinsurance business \$ 3,848

	2016.12.31					
			Ceded premiums			
	Premiums defic	ciency reserve	deficiency reserve			
		Assumed	Ceded			
		reinsurance	reinsurance	Retained		
Item	Direct business	business	business	business		
Fire insurance	\$-	\$-	\$-	\$-		
Marine insurance	-	-	-	-		
Land and air insurance	1,641	8,893	-	10,534		
Liability insurance	-	-	-	-		
Bonding insurance	-	-	-	-		
Other property insurance	-	-	-	-		
Accident insurance	-	-	-	-		
Health insurance	-	-	-	-		
Compulsory automobile						
liability insurance		-		-		
Total	\$1,641	\$8,893	\$-	\$10,534		
		2010	6.9.30			
		2010	6.9.30 Ceded premiums			
	Premiums defic					
	Premiums defic		Ceded premiums			
	Premiums defic	ciency reserve	Ceded premiums deficiency reserve	Retained		
Item	Premiums defice	eiency reserve Assumed	Ceded premiums deficiency reserve Ceded	Retained business		
Item Fire insurance		Assumed reinsurance	Ceded premiums deficiency reserve Ceded reinsurance			
	Direct business	Assumed reinsurance business	Ceded premiums deficiency reserve Ceded reinsurance business	business		
Fire insurance	Direct business	Assumed reinsurance business	Ceded premiums deficiency reserve Ceded reinsurance business	business		
Fire insurance Marine insurance	Direct business \$-	Assumed reinsurance business \$-	Ceded premiums deficiency reserve Ceded reinsurance business	business \$- -		
Fire insurance Marine insurance Land and air insurance	Direct business \$-	Assumed reinsurance business \$-	Ceded premiums deficiency reserve Ceded reinsurance business	business \$- -		
Fire insurance Marine insurance Land and air insurance Liability insurance	Direct business \$-	Assumed reinsurance business \$-	Ceded premiums deficiency reserve Ceded reinsurance business	business \$- -		
Fire insurance Marine insurance Land and air insurance Liability insurance Bonding insurance	Direct business \$-	Assumed reinsurance business \$-	Ceded premiums deficiency reserve Ceded reinsurance business	business \$- -		
Fire insurance Marine insurance Land and air insurance Liability insurance Bonding insurance Other property insurance	Direct business \$-	Assumed reinsurance business \$-	Ceded premiums deficiency reserve Ceded reinsurance business	business \$- -		
Fire insurance Marine insurance Land and air insurance Liability insurance Bonding insurance Other property insurance Accident insurance	Direct business \$-	Assumed reinsurance business \$-	Ceded premiums deficiency reserve Ceded reinsurance business	business \$- -		
Fire insurance Marine insurance Land and air insurance Liability insurance Bonding insurance Other property insurance Accident insurance Health insurance	Direct business \$-	Assumed reinsurance business \$-	Ceded premiums deficiency reserve Ceded reinsurance business	business \$- -		

b. Net loss recognized for premiums deficiency reserve- Net change for premium deficiency reserve and ceded premiums deficiency reserve

	2017.1.1~2017.9.30								
	Direct un	derwriting	Assumed r	einsurance	Net change for	Ceded re	insurance	Net change for	Recognized net loss
	busi	ness	busi	ness	premiums	busi	ness	ceded premiums	(gain) for premiums
	Reserve	Recover	Reserve	Recover	deficiency reserve	Reserve	Recover	deficiency reserve	deficiency reserve
Item	(1)	(2)	(3)	(4)	(5)=(1)-(2)+(3)-(4)	(6)	(7)	(8)=(6)-(7)	(9)=(5)-(8)
Fire insurance	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-	\$-
Marine insurance	-	-	-	-	-	-	-	-	-
Land and air insurance	342	1,641	3,893	8,893	(6,299)	3,848	-	3,848	(10,147)
Liability insurance	-	-	-	-	-	-	-	-	-
Bonding insurance	-	-	-	-	-	-	-	-	-
Other property insurance	-	-	-	-	-	-	-	-	-
Accident insurance	-	-	-	-	-	-	-	-	-
Health insurance	-	-	-	-	-	-	-	-	-
Compulsory automobile									
liability insurance	_				<u>-</u>	-			
Total	\$342	\$1,641	\$3,893	\$8,893	\$(6,299)	\$3,848	\$-	\$3,848	\$(10,147)

	2016.1.1~2016.9.30								
	Direct un	derwriting	Assumed r	einsurance	Net change for	Ceded re	insurance	Net change for	Recognized net loss
	bus	iness	busi	ness	premiums	busi	ness	ceded premiums	(gain) for premiums
	Reserve	Recover	Reserve	Recover	deficiency reserve	Reserve	Recover	deficiency reserve	deficiency reserve
Item	(1)	(2)	(3)	(4)	(5)=(1)-(2)+(3)-(4)	(6)	(7)	(8)=(6)-(7)	(9)=(5)-(8)
Fire insurance	\$70	\$-	\$-	\$-	\$70	\$468	\$622	\$(154)	\$224
Marine insurance	-	-	-	-	-	14	43	(29)	29
Land and air insurance	2,658	-	15,531	13,988	4,201	-	(13,586)	13,586	(9,385)
Liability insurance	13,661	12,401	5	(3)	1,268	5,273	5,913	(640)	1,908
Bonding insurance	11	-	-	-	11	4	4	-	11
Other property insurance	294,628	276,441	-	32	18,155	82	37	45	18,110
Accident insurance	-	-	-	-	-	-	-	-	-
Health insurance	-	-	-	-	-	-	-	-	-
Compulsory automobile									
liability insurance	67,353	61,528			5,825	-		-	5,825
Total	\$378,381	\$350,370	\$15,536	\$14,017	\$29,530	\$5,841	\$(6,967)	\$12,808	\$16,722

c. Reconciliation statement for premium deficiency reserve and ceded premium deficiency reserve

	2017.1.1~	2017.9.30	2016.1.1~2016.9.30		
	Premiums	Ceded premiums	Premiums	Ceded premiums	
Item	deficiency reserve	deficiency reserve	deficiency reserve	deficiency reserve	
Beginning balance	\$10,534	\$-	\$367,287	\$(6,912)	
Reserve	4,235	3,848	393,917	5,841	
Recover	(10,534)	-	(364,387)	6,967	
Effects of exchange					
rate changes	-	-	(20,674)	(331)	
Lose control			(357,954)	(5,565)	
Ending balance	\$4,235	\$3,848	\$18,189	\$-	

d. Effects for the change of estimation and assumption

Premium deficiency reserve is a measurement of present value for future expenditure. The expected final loss ratio referred to the loss experience in the past three years, spectacular compensation case and the trend of loss. The expected operation expense ratio referred to the insurance expense exhibits in the past three years excluding entertainment expense and membership fee. The actual rate of return on investment may not be the same as the expected rate due to the uncertainty of estimation and assumption.

(E) Liability reserve

a. Liability reserve and liability-ceded reserve

			Liability-ceded				
	Liability	reserve	reserve	_			
	Direct written	Reinsurance	Reinsurance				
	business	ceded-in	ceded-out	Retention			
Item	(1)	(2)	(3)	(4)=(1)+(2)-(3)			
Health insurance	\$60	\$-	\$-	\$60			
		2016.12.31					
			Liability-ceded				
	Liability	reserve	reserve	_			
	Direct written	Reinsurance	Reinsurance				
	business	ceded-in	ceded-out	Retention			
Item	(1)	(2)	(3)	(4)=(1)+(2)-(3)			
Health insurance	\$41	\$-	\$-	\$41			

	2016.9.30					
		Liability-ceded				
	Liability	reserve	reserve	_		
	Direct written	Reinsurance	Reinsurance			
	business	ceded-in	ceded-out	Retention		
Item	(1)	(2)	(3)	(4)=(1)+(2)-(3)		
Health insurance	\$24	\$-	\$-	\$24		

b. Net change for liability reserve and liability reserve ceded

				201	7.1.1~2017.9.30			
	Direct	written						Net change
	busi	iness	Reinsuran	ce ceded-in	Net change for	Reinsuranc	e ceded-out	for liability
	Reserve	Recover	Reserve	Recover	liability reserve	Reserve	Recover	reserve ceded
Item	(1)	(2)	(3)	(4)	(5)=(1)-(2)+(3)-(4)	(6)	(7)	(8)=(6)-(7)
Health insurance	\$25	\$6	\$-	\$-	\$19	\$-	\$-	\$-
				201	6.1.1~2016.9.30			
	Direct	written						Net change
	busi	iness	Reinsuran	ce ceded-in	Net change for	Reinsuranc	e ceded-out	for liability
	Reserve	Recover	Reserve	Recover	liability reserve	Reserve	Recover	reserve ceded
Item	(1)	(2)	(3)	(4)	(5)=(1)-(2)+(3)-(4)	(6)	(7)	(8)=(6)-(7)
Health insurance	\$25	\$1	\$-	\$-	\$24	\$-	\$-	\$-

(18) Post-employment benefits

A. Defined contribution plans

The Group recognized expenses for defined contribution plans amounting to \$369,793 thousand, \$412,966 thousand, \$1,147,765 thousand, and \$1,176,922 thousand for the three-month and nine-month periods ended 30 September 2017 and 2016, respectively.

B. Defined benefit plans

The Group recognized expenses for defined benefit plans amounting to \$122,143 thousand, \$141,774 thousand, \$363,977 thousand, and \$437,831 thousand for the three-month and nine-month periods ended 30 September 2017 and 2016, respectively.

C. Employee preferential interest deposit plan

Cathay United Bank has the obligation to pay the preferential interest deposits for current employees and retired employees according to the "Regulation for Employee Preferential Interest Rate Deposits of Cathay United Bank".

Cathay United Bank recognized expenses for preferential interest rate deposits plan amounting to \$79,538 thousand, \$79,456 thousand, \$240,722 thousand and \$238,305 thousand for the three-month and nine-month periods ended 30 September 2017 and 2016, respectively, and recorded as "Employee benefits expenses".

(19) Capital Stock

A. As of 30 September 2017, 31 December 2016 and 30 September 2016 all the authorized share capital amounted to \$180,000,000 thousand, the issued share capital amounted to \$133,965,102 thousand, \$133,965,102 thousand and \$125,632,102 thousand shares, respectively, including 12,563,210 thousand common shares for the above three periods, and 833,300 thousand, 833,300 thousand and 0 preferred shares for the above three periods. These shares are all issued with par value of \$10.

B. Issuance of preferred stock

The shareholders' meeting has approved the issuance of Series A Preferred Shares on 9 September 2016. The Company issued 833,300 thousand preferred shares for cash totaled \$8,333,000 thousand, with a par value of \$10 per share issued at \$60 per share. The capital injection was approved by the FSC on 25 October 2016. The subscription date was 8 December 2016. All issued shares were registered and recognized as equity. The rights and obligations of Series A Preferred Shares Issuance are listed as follows:

(A) 3.8% per annum for Series A Preferred Shares (7-year IRS 1.06%+2.74%) calculated pursuant to issue price per share. Interest rate per annum will be reset on the day after the 7th anniversary of the issue date ("Issue Date") and the day after each subsequent 7-year period hereafter. Record date for interest reset shall be the previous 2 business day for financial institutions in Taipei. The 7-year IRS rate shall be the arithmetic mean of 7-year IRS quotations as published by Reuter, PYTDWFIX and COSMOS3 at 11:00 a.m. of the day of reset record date (must be a business day for Taipei's financial institutions). If the above quotations cannot be obtained on reset record date, interest rate shall be decided by the issuer in good faith and taken into account of reasonable market rate.

- (B) Dividends for Preferred Shares are distributed once per year in cash. After shareholders' approval of issuer's financial statements at its annual shareholders meeting, the board may set record date for distribution of available dividends from the previous year. Dividend distribution for the years of issuance and redemption (such as the shareholders' approval of dividends declaration on shareholders meeting) shall be calculated pursuant to actual issued days of the given year.
- (C) In the year when making earnings, before Issuer can distribute dividends for Series A Preferred Shares, the Company shall first: (i) pay all taxes and dues (ii) offset its losses in previous years (iii) set aside statutory reserve, or set aside or reverse special reserve and (iv) the distribution of the remaining portion, if any, will first be distributed as preferred share dividend
- (D) The Company has sole discretion to distribute dividend of the Preferred Shares, including its discretion to not declare dividends when no profit is recorded, or insufficient profit is recorded for Preferred Share dividends, or preferred share dividend distribution would render the Company's RBC ratio below the level required by law or competent authorities. The Company's cancellation of preferred share dividend distribution shall not be deemed an event of default. Undeclared or underdeclared dividends are not cumulative, and are not paid in subsequent years with profit
- (E) Except for receipt of dividends at the aforementioned dividend rate in Paragraph A, holders of Preferred Shares cannot participate in distribution of cash or stock dividends to holders of common shares from profit or additional paid-in capital.
- (F) Holders of Preferred Shares shall have the same priority as holders of all subsequently issued preferred share in liquidation, which are prior to holders of common shares but subordinated to general creditors, to the extent of the issuance amount.
- (G) Holders of Preferred Shares have no voting right at the annual shareholders meeting, and cannot elect directors. However, holders of Preferred Shares have voting rights at shareholders meeting of Preferred Shares, and at annual shareholders meeting on items relating to rights of Preferred Shares holders.
- (H) Holders of Preferred Shares cannot convert said preferred shares to common shares, and have no right to request the Company for redemption of Preferred Shares.

- (I) Through issuance of perpetual preferred stock, on the day after the 7th anniversary of the Issue Date, the Company may redeem all or part of outstanding Preferred Shares at issue price. Rights and obligations of the unredeemed Preferred Shares shall remain the same as mentioned above.
- C. On 31 December 2001, the Company listed its shares on Taiwan Stock Exchange Corporation (TWSE) in accordance with relevant regulations. On 29 July 2003, the Company listed a portion of its common shares on the Luxembourg Stock Exchange (LSE) in the form of Global Depositary Shares (GDSs).

(20) Capital surplus

	2017.9.30	2016.12.31	2016.9.30
Additional paid-in capital	\$126,523,972	\$126,523,972	\$84,858,972
Treasury share transactions	2,539,377	2,539,377	2,539,377
Differences between share price and			
book value from acquisition or			
disposal of subsidiaries	29,142	29,142	29,142
Additional paid-in capital-Employee			
stock option	207,620	203,408	203,408
Convertible bonds to convert	1,144,486	1,144,486	1,144,486
Others	7,508	8,312	7,285
Total	\$130,452,105	\$130,448,697	\$88,782,670

- A. The capital surplus of the Company consists of consolidation premium from share exchange, additional paid-in capital from issuance of shares for cash accumulated adjustments on paid-in capital from investment under equity method, and transactions of treasury stocks and employee stock options. Capital surplus were \$130,452,105 thousand, \$130,448,697 thousand and \$88,782,670 thousand as of 30 September 2017, 31 December 2016 and 30 September 2016, respectively.
- B. According to Letter (91) Tai-Cai-Zheng-Zi (Liu) No. 0910003413 issued by Ministry of Finance, capital surplus of financial holding companies from the share exchange, in compliance with Item 4, Article 47 of the Financial Holding Company Act, is allowed to be distributed as cash dividends or to be capitalized if the capital surplus was from the financial institution's undistributed earnings before the share exchange. In addition, the capitalization amount is not subject to the restrictions provided in Article 72-1 of the "Regulations Governing the Offering and Issuance of Securities by Securities Issuers".

C. According to the Company Act, the capital surplus shall not be used except for covering the deficit of the company. When a company incurs no loss, it may distribute the capital surplus related to the income derived from the issuance of new shares at a premium or income from endowments received by the company. The distribution could be made in cash or in the form of dividend shares to its shareholders in proportion to the number of shares being held by each of them.

(21) Retained earnings

A. Legal reserve

Pursuant to the Company Act, 10% of the Company's after-tax net income in the current year must be appropriated to legal reserve until the total amount of the legal reserve equals the issued share capital. This legal reserve can only be used to offset deficits. For companies with no accumulated deficits, legal reserve which exceeds 25% of the issued share capital may be used for new share issuance or return cash to shareholders with the approval of stockholders' meeting.

On 16 June 2017, the board of shareholders resolved to recognize the legal capital reserves of \$4,762,117 thousand. On 8 June 2016, the Company's board of shareholders resolved to recognize the legal capital reserves of \$5,757,629 thousand.

B. Special reserve

- (A) According to the legal interpretations No.1010012865 issued by FSC on 6 April 2012, as the first-time adoption of IFRS, entities should appropriate special reserves from unrealized increments from revaluation and gains from accumulated translation adjustments recorded under stockholders' equity with same amount to retained earnings due to the adoption of exemptions in IFRS 1 First-time Adoption of International Financial Reporting Standards. The Group is not required to appropriate special reserves because the unrealized increments of revaluation should be treated in accordance with Regulations Governing the Preparation of Financial Reports by Insurance Enterprises and the Group did not select to recognize accumulated translation difference as zero at the date of transition to IFRS.
- (B) Cathay United Bank, Cathay Securities and Cathay Futures have reclassified appropriated trading losses reserve and default losses reserve as of 31 December 2010 as special reserve according to the relevant regulation. The special reserve can only be used to offset the accumulated deficit or be transferred to capital stock (limited to 50% of the special reserve) once the legal reserve reaches one-half of the paid-in capital. The Company set aside special reserve in the amount of \$333,598 thousand for the year ended 31 December 2011.

- (C) In accordance with IFRS 4, provisions for possible claims under contracts that are not in existence at the reporting date are prohibited. Based on the "Regulation Governing the Setting Aside of Various Reserves by Insurance Enterprises", the reserves under liability recorded before 31 December 2012 should be reclassified to special capital reserve considering the reclassification of balance after tax according to IAS 12 to retained earnings on 1 January 2013. In addition, in order to maintain the consistency and sustainability, the amount should be adjusted retrospectively to 1 January 2012. As of 1 January 2012, the "Special Reserve for Major Incidents" and "Special Reserve for Fluctuation of Risks" amounted to \$9,022,812 thousand. Half of this amount was set aside to be reclassified as the opening balance of foreign exchange volatility reserve on 1 March 2012, and the rest of it in the amount of \$4,511,405 thousand after deducting the effect of income tax was diverted to special capital reserve under retained earnings, an increase of \$3,744,467 thousand. The Company set aside the special reserve in the amount of \$3,744,467 thousand for the year ended 31 December 2013.
- (D) Cathay Life has elected to use the fair value of certain investment properties on the transition date to TIFRS as their deemed costs. In accordance with Article 32 of the Regulations Governing the Preparation of Financial Reports by Insurance Enterprises, the incremental value from fair value revaluation can be used to offset the negative impact from transition and shall set aside an equal amount of retained earnings; the residual amount shall be recognized under special reserve. According to Order No. 10202508140 issued by Insurance Bureau, the abovementioned amount of \$2,994,565 thousand shall be set aside under special capital reserve in accordance with Letter Jin-Guan-Bao-Chai-Zi No.10102508861. The Company set aside special reserve in the amount of \$2,994,565 thousand for the year ended 31 December 2013.
- (E) In 2014, the Group changed the subsequent measurement of investment properties from cost model to fair value model. According to Order No. Jin-Guan-Zheng-Fa-Zi-1030006415, on the first-time adoption of fair value model for investment properties subsequent measurement, the group shall set aside an equal amount of special reserve when transferring the fair value increment of investment properties to retained earnings. As of 30 September 2017, 31 December 2016 and 30 September 2016, the special reserves amounted to \$107,270,030 thousand, \$107,271,395 thousand and \$107,271,395 thousand, respectively.
- (F) In accordance with Letter Jin-Guan-Bao-Tsai-Zi No.10402029590, Cathay Life recognized special capital reserve in the amount of \$34,764,311 thousand. The amount was originally recognized in insurance liabilities.

C. Undistributed earnings

- (A) According to the Company's Articles of Incorporation, the Company's annual earnings, after paying tax and offsetting deficits, if any, shall be appropriated as legal capital reserve and special capital reserve. The total remaining amount plus beginning undistributed earnings are the distributable earnings. The distributable earnings must be appropriated in accordance with the resolution by the stockholders' meeting.
- (B) The Company cannot distribute overdue undistributed earnings. Before 2004, the Company had to pay an extra 10% income tax on approved taxable income. From (including) 2005, the calculation of the extra 10% income tax shall be based on current-year net income (after tax) generated according to Business Entity Accounting Act. Earnings that have been taxed will not be taxed again if the earnings are not distributed in the following years.
- (C) According to Article 41 of Securities and Exchange Act, when distributing earnings, listed companies shall appropriate, in addition to legal reserve, special reserve equal to net deductions from shareholders' equity. The special reserve for the current year's net deductions shall be appropriated from current year's net income and prior periods' accumulated undistributed earnings. The special reserve for the prior periods' net deductions shall be appropriated only from prior periods' accumulated undistributed earnings. For any subsequent reversal of net deductions from shareholders' equity, the amount reversed may be distributed.
- (D) According to the amended Article 235-1 of the Company Act announced on 20 May, 2015, the Company shall provide a fixed amount or percentage of the actual profit for a year to be distributed as "employee remuneration", after deducting and setting aside an amount equal to the cumulative losses (if any). The aforementioned employee remuneration may be made in the form of stocks or cash, which shall be determined by a resolution adopted by a majority vote at a board of directors meeting attended by two-thirds or more of the directors and be reported at a shareholders' meeting. Furthermore the Articles of Incorporation may stipulate that the employee remuneration may be distributed to employees of affiliated enterprises meeting certain criteria. The company amended the related regulations in the Company's Articles of Incorporation according to the aforementioned amendment on 8 June 2016.

(E) Details of the years ended 31 December 2016 and 2015 earnings distribution and dividends per share as approved by the board of directors 16 June 2017 and the shareholders' meeting on 8 June 2016, respectively, are as follows:

	Appropriation	n of earnings	Dividend	per share
	2016.1.1~	2015.1.1~	2016.1.1~	2015.1.1~
	2016.12.31	2015.12.31	2016.12.31	2015.12.31
Legal reserve	\$4,762,117	\$5,757,629	\$-	\$-
(Reversal of) special reserve				
provision	(1,365)	8,923,216	-	-
Common stock -cash dividend	25,126,420	25,126,420	2.0	2.0
Preferred stock-cash dividend	124,585	-	0.1495	-

Information regarding the employee bonuses and remuneration to directors and supervisors can be obtained from Note.6(23).

(F) The Company's distribution of 2016 retained earnings has been approved by its board of directors (hereinafter "the Board of Directors") as of the independent auditors' opinion date. For related information please refer to the "Market Observation Post System" website of the Taiwan Stock Exchange Corporation.

(22) Non-controlling interests

	2017.1.1~	2016.1.1~
	2017.9.30	2016.9.30
Beginning balance	\$6,499,449	\$6,005,208
Net income attributed to non-controlling interests	316,668	497,960
Other comprehensive income attributed to non-		
controlling interests:		
Exchange differences resulting from translating the		
financial statements of a foreign operation	(335,222)	(385,812)
Unrealized gains from available-for-sale financial		
assets	100,953	(26,915)
Others	3,090,029	75,731
Ending balance	\$9,671,877	\$6,166,172

(23) Employee benefits, depreciation and amortization

Summary statement of employee benefits and depreciation expenses breakdown:

	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
_	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Employee benefits expense				
Salary and wages	\$8,072,339	\$8,271,257	\$24,256,184	\$25,342,648
Labor and health insurance	955,558	976,337	2,988,883	2,927,770
Pension expense	512,968	576,835	1,576,726	1,682,275
Other employee benefits	1,182,734	1,147,285	3,536,291	3,456,014
Depreciation	610,776	548,314	1,813,624	1,659,506
Amortization	744,890	708,623	2,215,006	2,120,988

Based on resolution of the Company's Board of Shareholders meeting held on 8 June 2016 to amend the Articles of Incorporation of the Company. According to the resolution, 0.01% to 0.05% of profit of the current year is distributable as employees' compensation and no higher than 0.05% of profit of the current year is distributable as remuneration to directors. However, the company's accumulated losses shall have been covered. The Company 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. Information on the Board of Directors' resolution regarding the employees' compensation and remuneration to directors can be obtained from the "Market Observation Post System" on the website of the TWSE.

Based on the profit of the three-month period ended 30 September 2017, the Company estimated the amounts of the employees' compensation and remuneration to directors and supervisors for the three-month period ended 30 September 2017 to be 0.01% of profit of the current three-month period and no more than 0.05% of profit of the current three-month period, respectively. The employees' compensation and remuneration to directors and supervisors for the three-month period ended 30 September 2017, recognized under salary expenses, amounted to \$2,172 thousand and \$450 thousand, respectively. The employees' compensation and remuneration to directors and supervisors for the nine-month period ended 30 September 2017, recognized under salary expenses, amounted to \$4,975 thousand and \$1,350 thousand, respectively. Based on the profit of the three-month period ended 30 September 2016, the Company estimated the amounts of the employees' compensation and remuneration to directors and supervisors for the three-month period ended 30 September 2016 to be 0.01% of profit of the current three-month period and no more than 0.05% of profit of the current three-month period, respectively. The employees' compensation and remuneration to directors and supervisors for the three-month period ended 30 September 2016, recognized under salary expenses, amounted to \$2,514 thousand and \$525 thousand, respectively. The employees' compensation and remuneration to directors and supervisors for the nine-month period ended 30 September 2016, recognized under salary expenses, amounted to \$4,066 thousand and \$1,575 thousand, respectively. If the actual distribution is different from the estimates, the difference will be accounted for as changes in accounting estimates and recognized in profit or loss in the following year.

Based on resolution of the Company's Board of Directors meeting held on 8 March 2017 to distribute \$4,920 thousand and \$1,800 thousand in cash as employees' compensation and remuneration to directors for 2016, respectively. Both amounts distributed were the same as the amount recognized as expense on the financial report in 2016.

Based on resolution of the Company's Board of Directors meeting held on 17 March 2016, the Company resolved to distribute \$5,903 thousand and \$2,100 thousand in cash as employees' compensation and remuneration to directors for 2015, respectively. Both amounts distributed were the same as the amount recognized as expense on the financial report in 2015.

As of 30 September 2017, and 30 September 2016, the total numbers of the employees of the Group were 52,724 and 47,825, respectively.

(24) The Components of other comprehensive income

For the three-month period ended 30 September 2017:

	Reclassification			Other	
		adjustments	Other	Income tax	comprehensive
	Arising during	during the	comprehensive	benefit	income, net of
	the period	period	income	(expense)	tax
Not to be reclassified to profit or loss in					
subsequent periods:					
Share of other comprehensive income of					
associates and joint ventures accounted					
for using the equity method	\$2,607	\$-	\$2,607	\$(443)	\$2,164
Changes of designated financial					
liabilities at fair value through profit or					
loss resulting from credit risk	146,231	-	146,231	(24,859)	121,372
To be reclassified to profit or loss in					
subsequent periods:					
Exchange differences resulting from					
translating the financial statements of a					
foreign operation	852,029	-	852,029	(28,461)	823,568
Unrealized gains (losses) from					
available-for-sale financial assets	15,706,325	(8,054,342)	7,651,983	(2,163,271)	5,488,712
Gains (losses) on cash flow hedges	20,779	(34,668)	(13,889)	2,361	(11,528)
Share of other comprehensive income of					
associates and joint ventures accounted					
for using the equity method	(160,036)	=	(160,036)	27,529	(132,507)
Total	\$16,567,935	\$(8,089,010)	\$8,478,925	\$(2,187,144)	\$6,291,781

For the three-month period ended 30 September 2016:

	Arising during the period	Reclassification adjustments during the period	Other comprehensive income	Income tax benefit (expense)	Other comprehensive income, net of tax
Not to be reclassified to profit or loss in					
subsequent periods:					
Share of other comprehensive income of					
associates and joint ventures accounted					
for using the equity method	\$9,861	\$-	\$9,861	\$(1,676)	\$8,185
Changes of designated financial					
liabilities at fair value through profit or					
loss resulting from credit risk	(700,039)	-	(700,039)	119,006	(581,033)
To be reclassified to profit or loss in					
subsequent periods:					
Exchange differences resulting from					
translating the financial statements of a					
foreign operation	(3,814,418)	-	(3,814,418)	280,965	(3,533,453)
Unrealized gains (losses) from					
available-for-sale financial assets	28,125,034	(5,427,567)	22,697,467	(874,043)	21,823,424
Gains (losses) on cash flow hedges	(17,371)	(46,378)	(63,749)	10,837	(52,912)
Share of other comprehensive income of					
associates and joint ventures accounted					
for using the equity method	(634,534)	-	(634,534)	(34,325)	(668,859)
Total	\$22,968,533	\$(5,473,945)	\$17,494,588	\$(499,236)	\$16,995,352

For the nine-month period ended 30 September 2017

		Reclassification			Other
		adjustments	Other	Income tax	comprehensive
	Arising during	during the	comprehensive	benefit	income, net of
	the period	period	income	(expense)	tax
Not to be reclassified to profit or loss in					
subsequent periods:					
Revaluation gains on property	\$235,064	\$-	\$235,064	\$(46,243)	\$188,821
Share of other comprehensive income of					
associates and joint ventures accounted					
for using the equity method	5,959	-	5,959	(1,012)	4,947
Changes of designated financial					
liabilities at fair value through profit or					
loss resulting from credit risk	(1,119,012)	-	(1,119,012)	190,232	(928,780)
To be reclassified to profit or loss in					
subsequent periods:					
Exchange differences resulting from					
translating the financial statements of a					
foreign operation	(2,284,746)	-	(2,284,746)	192,305	(2,092,441)
Unrealized gains (losses) from					
available-for-sale financial assets	81,622,970	(36,635,652)	44,987,318	(3,337,753)	41,649,565
Gains (losses) on cash flow hedges	140,293	(103,678)	36,615	(6,224)	30,391
Share of other comprehensive income of					
associates and joint ventures accounted					
for using the equity method	(1,280,612)		(1,280,612)	211,141	(1,069,471)
Total	\$77,319,916	\$(36,739,330)	\$40,580,586	\$(2,797,554)	\$37,783,032

For the nine-month period ended 30 September 2016

	Reclassification			Other	
		adjustments	Other	Income tax	comprehensive
	Arising during	during the	comprehensive	benefit	income, net of
	the period	period	income	(expense)	tax
Not to be reclassified to profit or loss in					
subsequent periods:					
Share of other comprehensive income of					
associates and joint ventures accounted					
for using the equity method	\$6,802	\$-	\$6,802	\$(1,156)	\$5,646
Changes of designated financial					
liabilities at fair value through profit or					
loss resulting from credit risk	199,409	-	199,409	(33,900)	165,509
To be reclassified to profit or loss in					
subsequent periods:					
Exchange differences resulting from					
translating the financial statements of a					
foreign operation	(8,918,998)	-	(8,918,998)	370,621	(8,548,377)
Unrealized gains (losses) from					
available-for-sale financial assets	50,111,760	(18,880,623)	31,231,137	1,377,204	32,608,341
Gains (losses) on cash flow hedges	138,977	(131,395)	7,582	(1,289)	6,293
Share of other comprehensive income of					
associates and joint ventures accounted					
for using the equity method	(877,077)		(877,077)	5,830	(871,247)
Total	\$40,660,873	\$(19,012,018)	\$21,648,855	\$1,717,310	\$23,366,165

(25) Income taxes

A. The major components of income tax expense are as follows:

Income tax expense recognized in profit or loss

	2017.7.1~	2016.7.1~
	2017.9.30	2016.9.30
Current income tax expense:		
Current income tax charge	\$1,946,451	\$7,452,589
Adjustments in respect of current income tax of prior		
periods	5,510	9,205
Deferred tax expense (income):		
Deferred tax income relating to origination and reversal		
of temporary differences	(426,401)	(7,716,841)
Deferred tax expense relating to origination and		
reversal of tax loss and tax credit	-	2,335,713
Tax income recognized in the period for previously		
unrecognized tax loss, tax credit or temporary		
difference of prior periods	-	99,238
Other components of deferred tax expense	110,602	25,068
Total income tax expense	\$1,636,162	\$2,204,972
-		

	2017.1.1~	2016.1.1~
	2017.9.30	2016.9.30
Current income tax expense (income):	-	
Current income tax charge	\$13,180,465	\$9,182,104
Adjustments in respect of current income tax of prior		
periods	205,663	(188,183)
Deferred tax expense (income):		
Deferred tax income relating to origination and reversal		
of temporary differences	(10,565,543)	(3,099,062)
Deferred tax income relating to origination and reversal		
of tax loss and tax credit	-	(154,226)
Tax income recognized in the period for previously		
unrecognized tax loss, tax credit or temporary		
difference of prior periods	-	(29,032)
Other components of deferred tax expense	2,006,567	2,002,132
Total income tax expense	\$4,827,152	\$7,713,733
Income tax relating to components of other comprehensive	2017.7.1~	2016.7.1~
	2017.7.19	2016.9.30
Current income tax expense:	2017.5.50	2010.7.30
Current income tax charge	\$-	\$-
Deferred tax expense (income):	Ψ	Ψ
Changes of designated financial liabilities at fair value		
through profit or loss resulting from credit risk	24,859	(119,006)
Exchange difference resulting from translating the	,	, , ,
financial statements of a foreign operation	28,461	(280,965)
Unrealized gains from available-for-sale financial		
assets	2,163,271	874,043
Gains on cash flow hedges	(2,361)	(10,837)
Share of other comprehensive income of associates and		
joint ventures accounted for using the equity method	(27,086)	36,001
Income tax relating to components of other		_
comprehensive income	\$2,187,144	\$499,236

	2017.1.1~ 2017.9.30	2016.1.1~ 2016.9.30
Current income tax expense:		
Current income tax charge	\$-	\$-
Deferred tax expense (income):		
Changes of designated financial liabilities at fair value		
through profit or loss resulting from credit risk	(190,232)	33,900
Exchange difference resulting from translating the		
financial statements of a foreign operation	(192,305)	(370,621)
Unrealized gains (losses) from available-for-sale		
financial assets	3,337,753	(1,377,204)
Gains on cash flow hedges	6,224	1,289
Revaluation gains on property	46,243	-
Share of other comprehensive income of associates and		
joint ventures accounted for using the equity method	(210,129)	(4,674)
Income tax relating to components of other		
comprehensive income	\$2,797,554	\$(1,717,310)

B. Income tax returns:

	2017.9.30				
	Income tax returns				
	examined by tax authorities	Notes			
The Company	through 2013	-			
Cathay Life	through 2012	Cathay Life was in the process of			
		administrative remedy for 2007 and 2011.			
Cathay United Bank	through 2012	Cathay United Bank was in the process of			
		administrative remedy from 2010 to 2012.			
Cathay Century	through 2012	-			
Cathay Securities	through 2012	Cathay Securities was in the process of			
		administrative remedy from 2009 to 2011.			
Cathay Venture	through 2012	Cathay Venture was in the process of			
		administrative remedy from 2010 to 2011.			
Cathay Securities	through 2012	-			
Investment Trust					
Cathay Futures	through 2015	-			

In accordance with Article 49 of the Financial Holding Company Act, the Group elected to file consolidated income tax return along with 10% surtax on undistributed retained earning tax for all subsidiaries being held by the Group over 12 months within a taxable year.

C. Information related to imputation credit account:

	2017.9.30	2016.12.31	2016.9.30
Balance of imputation credit			
account	\$4,315,433	\$1,338,315	\$1,365,704

The Company's cash dividends-imputed tax credit ratio applied to actual distribution was 8.64% for the year ended 31 December 2016. The cash dividends-imputed tax credit rates applied to actual distribution were 5.05% for the year ended 31 December 2015, respectively.

Undistributed earnings occurred before 1997 in the amount of \$267,215 thousand were originally appropriated as capital reserve which may be distributed as cash dividends and were undistributed earnings of the Company's subsidiaries before conversion of shares. On the date of distribution, this amount was used to make up for the changes due to first-time adoption of IFRS.

(26) Earnings per share

The Company's earnings per share are calculated as follows:

	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Basic earnings per share				
Profit attributable to ordinary equity holders				
of the Company (in thousands) (Note)	\$21,583,970	\$24,867,699	\$47,819,501	\$38,751,510
Weighted average number of ordinary				
shares outstanding for basic earnings per				
share (in thousands)	12,563,210	12,563,210	12,563,210	12,563,210
Basic earnings per share (in dollars)	\$1.72	\$1.98	\$3.81	\$3.08

Note: Deducted special dividend declared.

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

(27) Business combinations

A. Cathay Life

On 1 February 2016, Cathay Life and its subsidiaries acquired 80% of Octagon Credit Investors, LLC through Conning & Company, a 100% subsidiary of the Company, with \$4,708,746 thousand of cash and obtained control of Octagon Credit Investors, LLC. On the acquisition date, Cathay Life and its subsidiaries acquired additional 2.05% of Octagon Credit Investors, LLC through Conning & Company, with \$673,400 thousand of cash and Cathay Life and its subsidiaries thereby held 82.05% of Octagon Credit Investors, LLC.

The fair value of the identifiable assets and liabilities of the subsidiaries mentioned above as at the date of acquisition were disclosed as follows:

	Fair value recognized
	on the acquisition date
Cash and cash equivalents	\$38
Receivables	286,708
Financial assets at fair value through profit or loss	82,603
Held-to-maturity financial assets	357,388
Intangible assets (Except for goodwill)	2,053,870
Other assets	44,166
Payables	(114,616)
Provisions	(367,003)
Other liabilities	(57,820)
Identifiable net assets	\$2,285,334
Goodwill of Octagon Credit Investors, LLC is as follows:	
Purchase consideration	\$4,708,746
Add: Non-controlling interests at fair value	530,467
Less: Identifiable net assets at fair value	(2,285,334)
Goodwill	\$2,953,879

B. The Company, Cathay Life and Cathay Century

Loss of control of a subsidiary

Cathay Life and Cathay Century did not participate in the capital increase of its subsidiary, Cathay Century (China), during July 2016 and therefore, the Group's ownership over Cathay Century (China) decreased to 49%. The subsidiary is accounted for using the equity method since Cathay Century lost control of the subsidiary but still retained significant influence. The fair value of the remaining 49% ownership on disposal day was \$2,915,225 thousand and therefore, the Group recognized the profit after income tax of \$2,266,596 thousand.

Details of the carrying value of derecognized assets and liability of Cathay Century (China) on 26 July 2016 are as follows:

Cash and cash equivalent	\$4,609,822
Receivables	278,491
Financial assets at fair value through profit or loss	264,577
Available-for-sale financial assets	983,769
Debt instrument investments for which no active market exists	48,115
Reinsurance assets	530,468
Property and equipment	51,474
Intangible assets	40,270
Other assets	842,485
Payables	(314,853)
Insurance liabilities	(2,911,675)
Other liabilities	(54,168)
Net assets	\$4,368,775

(28) Risk management for insurance contract

A. Life insurance subsidiaries

Risk management objectives, policies, procedures and methods:

(A) Objectives of risk management

Cathay Life's risk management policy aims to promote operational efficiency, to ensure assets safety, to increase shareholder value, and to comply with any and all applicable laws and regulations for the purpose of steady growth and sustainable management.

(B) Framework of risk management, organization structure and responsibilities

a. Board of directors

- (a) The board of directors should establish appropriate risk management framework and culture, ratify appropriate risk management policy and allocate resources in the most effective manner.
- (b) The board of directors, together with senior management should promote and execute risk management policies and standards. Furthermore, they should keep the policies and standards in line with Cathay Life's operational objective and strategy.
- (c) The board of directors should be aware of the risk arising from daily operations, ensure the effectiveness of risk management and bear the ultimate responsibility for risk management.
- (d) The board of directors should delegate authority to risk management department to deal with violation of risk limits by other departments.

b. Risk management committee

- (a) The committee should develop the risk management policies, framework and organizational function and establish quantitative and qualitative risk management standards. The committee is also responsible for reporting the results of implementing such policies and standards to the board regularly and making necessary suggestions for improvement.
- (b) The committee should execute the risk management decisions set by the board of directors and evaluate the results of developing and executing risk management mechanisms.
- (c) The committee should assist and monitor the risk management activities.
- (d) The committee should adjust the risk category, risk limits and risk taking tendency according to the change of the environment.
- (e) The committee should enhance cross-department interaction and communication.

c. Chief Risk Officer

- (a) The chief risk officer should maintain independence and should not concurrently play a business or financial role nor hold a position in any profit center of Cathay Life.
- (b) The chief risk officer should be able to access any and all information which may have an impact on risk overview of Cathay Life.
- (c) The chief risk officer should be in charge of overall risk management of Cathay Life.
- (d) The chief risk officer should participate in Cathay Life important decision-making process and express opinions from a risk management perspective.

d. Risk management department

- (a) The department is responsible for monitoring, measuring and evaluating daily risks and should perform its duties independently.
- (b) The department should perform the following functions with regard to different business activities:
 - (i) Propose and execute the risk management policies set by the board of directors.
 - (ii) Suggest the risk limits based on risk appetite
 - (iii) Summarize the risk information provided by all departments, facilitate the execution of the policies and discuss the risk limits with each department
 - (iv) Regularly generate risk management related reports
 - (v) Regularly review all department's risk limits and cope with the violation of such limits
 - (vi) Execute stress testing
 - (vii) Execute back testing if necessary
 - (viii) Manage other risk management related issues

e. Operating departments

- (a) Identify and measure risks and report risk exposure and potential influence against Cathay Life on time
- (b) Regularly review the risk limits. Any excess of such limits should be reported along with any actions taken against such excess.
- (c) Assist with developing the risk model and to ensure that the risk measurement. The model application and the assumptions behind the model are reasonable and consistent.
- (d) Ensure that internal control operates effectively to comply with relevant regulations and Cathay Life's risk management policies
- (e) Assist in risk management data collection
- (f) Be responsible for such department's daily risk management reporting and report issues if necessary
- (g) Urge the disclosure of risk management information regularly to the risk management department

f. Audit department

The department is required to audit all departments and to figure out the status of risk management policies execution pursuant to the relevant regulations and Cathay Life's risk management policies.

The risk management department formulates risk management standards and policies based on Cathay Life's business nature and needs. Cathay Life provides risk management reports to the risk management department regularly. The reports are compiled by the risk management department and turned in to the risk management committee.

(C) The range and types of risk assessment and reporting

Cathay Life's procedures for risk management include risk identification, risk measurement, risk control process and risk management reporting. Cathay Life sets its risk management standards for a broad variety of risks as specified below, i.e. market risk, credit risk, sovereign risk, liquidity risk, operation risk, insurance risk, and assets/liability matching risk as well as for the capital adequacy. Cathay Life also monitors Cathay Life's risks and regularly provides the risk management reports.

a. Market risk

This risk can be defined as the risk of losses in value of Cathay Life's financial assets arising from adverse movements in market prices of financial instruments. The measurement indicators Cathay Life applied is based on value-at-risk (VaR) and is regularly reviewed. In addition, Cathay Life also uses back testing regularly to ensure the accuracy of the market risk model. Furthermore, Cathay Life applies scenario analysis and stress testing to evaluate the changes in the value of certain asset groups due to significant domestic and/or international events. In response to the enforcement of foreign exchange volatility reserve, Cathay Life determines the ceiling of foreign exchange risk, implements early warning system and also monitors the foreign exchange risk regularly.

b. Credit risk

This risk refers to Cathay Life's losses due to the default of debtors or counterparties. The measurements that Cathay Life uses include credit rating, concentration analysis and value-at-risk (VaR). Furthermore, Cathay Life applies scenario analysis and stress testing to evaluate the changes in the value of the asset groups due to significant domestic and/or international events.

c. Sovereign risk

It means that Cathay Life suffers losses from investment in a specific country as a consequence of market price fluctuation or government's default stemming from local political and/or economic situations. Cathay Life measures the sovereign risk by certain ratio. The ratio could be calculated as follows: the total investment amount in a certain country or specific area divided by total foreign investment amount or net asset. The Company reviews and adjusts the indicator on a regular basis.

d. Liquidity risk

Liquidity risk includes 'funding liquidity risk' and 'market liquidity risk'. The former is the risk of insufficient funding to meet Cathay Life's commitment when Cathay Life uses current ratio to measure funding liquidity risk and maintains the ratio below high risk. Operating departments have established funding communication system. The risk management department manages funding liquidity based on the information provided by the operating departments. Furthermore, operating departments have also built up their own cash flow analysis models and monitor the result of the analysis regularly. They also set the annual assets allocation plan to better maintain the liquidity of funding. 'Market liquidity risk' occurs when drastic change of market price is triggered by market turmoil or lack of market depth. All investment departments have evaluated the market trading volumes and adequacy of holding positions based on the characteristics and objectives of current investment portfolio.

e. Operating risk

This risk occurs when there are errors caused by internal processes, employees, system breakdowns or external issues such as the legislative risk; however, the strategic risk and the reputation risk are excluded. Cathay Life has set the standard operating procedure based on the nature of the operations and established losses reporting system as well to collect and manage information with respect to losses resulting from operational risk. To maintain Cathay Life's operation and ability to provide customer services while minimizing the losses under emergency events, Cathay Life has established emergency handling mechanism and information system damage preparedness.

f. Insurance risk

Cathay Life assumes that certain risks transfer from policy holders to Cathay Life after collecting premiums from policy holders and, as a result, Cathay Life may bear a loss for paying a claim due to unexpected changes. This risk generally happens because of the policy design, pricing risk, underwriting risk, reinsurance risk, catastrophe risk, claim risk and reserve-related risk.

g. Asset and liability matching risk

It happens when the changes in the value of assets and liabilities are not equal. Cathay Life measures the risk with capital costs, duration, cash flow management and scenario analysis.

h. Risk-based capital (RBC) ratio

The RBC ratio regulated under the Insurance Act and the Regulations Governing Capital Adequacy of Insurance Companies is the total capital of Cathay Life divided by Cathay Life's risk-based capital. Cathay Life regards such ratio as an indicator for capital adequacy.

- (D) The process of assuming, measuring, monitoring and controlling risks and the way to determine a proper risk classification, a premium level and underwriting policies
 - a. The process of assuming, measuring, monitoring and controlling risks:
 - (a) Promulgate Cathay Life's risk management standards including the definitions and range of risks, management structure, risk management indexes and other risk management measures.
 - (b) Establish methods to evaluate insurance risks.
 - (c) Regularly provide the insurance risk management report to be reviewed by the risk management committee and as a reference to developing insurance risk management strategies.
 - (d) When an exceptional risk event occurs, the affected departments should propose possible solutions to the risk management committee in Cathay Life and that in the Company.
 - b. The way to determine a proper risk classification, a premium level and underwriting policies:
 - (a) Underwriters should, at all times, comply with certain relevant rules of financial underwriting which includes checking insurance notification database for exceptional cases and consider the amount insured, type of insurance, age, family status, reason for insurance, employment status, financial situation etc. to determine whether an insurance policy is suitable and affordable for the potential policyholder.
 - (b) Cathay Life has an underwriting team dealing with controversial cases with regard to new contracts and changes of the terms and conditions and having the right to interpret relevant underwriting standards.
 - (c) Cathay Life has a special panel for major insurance projects to enhance risk management over such projects and avoid adverse selection and moral hazard.

- (E) The scope of insurance risk assessment and management from a company-wise perspective
 - a. Insurance risk assessment covers the following topics:
 - (a) Product design and pricing risk: This risk arises from improper design of products, terms and conditions and pricing attributable to using the unsuitable and/or inconsistent information and/or facing unexpected changes.
 - (b) Underwriting risk: Unexpected losses arise from soliciting business, underwriting activities and approval, other expenditure activities, etc.
 - (c) Reinsurance risk: This risk occurs when a company fails to reinsure the excess risk or a reinsurer fails to fulfill its responsibility that results in losses in premium, claims or non-reimbursed expenses.
 - (d) Catastrophe risk: This risk arises from accidents which lead to considerable losses in one or more categories of insurance and the aggregate amount of such losses is huge enough to affect Cathay Life's credit rating and solvency.
 - (e) Claim risk: This risk arises from mishandling claims.
 - (f) Risk of insufficient reserve: It happens when Cathay Life does not have sufficient reserves to fulfill its obligations owing to underestimating its liabilities.
 - b. The scope of management of insurance risk
 - (a) Build up a top-down framework of Cathay Life's insurance risk management and empower relevant parties to execute risk management.
 - (b) Establish Cathay Life's insurance risk management standards including the definitions and types of risks, management of the structure, risk management indexes and other risk management measures.
 - (c) Develop action plans in consideration of Cathay Life's growth strategy and the global financial environment.
 - (d) Determine methods to measure insurance risks.
 - (e) Regularly provide insurance risk management report for supervision and as a reference to initiate insurance management strategy.
 - (f) Manage other risk management issues.
- (F) The method to limit or transfer insurance risk exposure and to avoid inappropriate concentration risk

The method that Cathay Life mainly uses to limit or transfer insurance risk exposure and to avoid inappropriate concentration risk is the reinsurance management plan which is made considering Cathay Life's risk profiling and risk taking ability, legal issues and technical factors. In order to maintain safety of risk transfer and to control the risk of reinsurance transactions, Cathay Life has established reinsurer selection standards.

(G) Asset/liability management

- a. Cathay Life has an asset/liability management committee to establish management structure, to ensure full application of the management policy, to integrate human capital and resources, to review the strategy and practice regularly and, furthermore, to reduce all types of risks.
- b. Authorized departments will review the measurement of asset/liability management regularly and report to the asset/liability management committee regularly; following that, the results will be sent to the risk management committee of Cathay Life. Furthermore, the annual report should be delivered to the risk management committee of the Company.
- c. When an exceptional situation occurs, the affected departments should propose possible solutions to the asset/liability management committee, the risk management committee in Cathay Life and that in the Company.
- (H) The procedure to manage, monitor and control a special event which results in extra liability to be taken or extra owner equity to be committed

Pursuant to the applicable laws and regulations, Cathay Life is required to maintain a certain Risk-based capital (RBC) ratio. In order to enhance Cathay Life's capital management and to comply with such RBC ratio, Cathay Life has established a set of capital adequacy management standards as follows:

a. Capital adequacy management

- (a) Regularly provide capital adequacy management reports and analysis to the finance department of the Company.
- (b) Regularly provide the risk management committee the capital adequacy management analysis report.
- (c) Conduct scenario analysis to figure out how the use of funding, the changes of the financial environment or the amendments of applicable laws and regulations can affect RBC ratio.
- (d) Regularly review RBC ratio and related control standards to ensure a solid capital adequacy management.

b. Exception management process

When RBC ratio exceeds the standard given or other exceptions occur, Cathay Life is required to notify the risk management department and finance department of the Company together with the capital adequacy analysis report and possible solution(s).

- (I) Risk mitigation and avoidance policies and risk monitoring procedures
 - a. Cathay Life enters into derivative transactions to reduce market risk and credit risk of the assets. The derivative contracts such as stock index options, index futures, interest rate futures, interest rate swaps, currency forwards, cross currency swaps and credit default swaps are applied to hedge risks arising from investments, such as equity risk, interest rate risk, cash flow risk, foreign exchange risk and credit risk; however, the derivatives not qualified for hedge accounting are measured at fair value through profit or loss.
 - b. Hedging instrument against business risks and implementation are made preliminarily based on the risk tolerance levels. Cathay Life executes hedge and exercises authorized financial instruments to adjust the overall risk level to the tolerance levels based on the market dynamics, business strategies, the characteristics of products and risk management policies.
 - c. Cathay Life assesses and reviews the effectiveness of the hedge instruments and hedged items regularly. The assessment report is issued and forwarded to the management which is delegated by board of directors; meanwhile, a copy of the assessment report is delivered to the audit department for future reference.
- (J) The policies and procedures against the concentration of credit and investment risks

Credit and investment limits to a group of companies are set by Cathay Life. When such limits have been reached or breached as a result of any increase of the credit line or investment, Cathay Life shall not grant a loan or make investment to such group in general. However, if there is any individual reason to require Cathay Life to undertake it, the expected investment or loan needs to be reviewed by the loan review or investment decision committee and approved by the risk management department of Cathay Life.

Information of insurance risk

(A) Sensitivity of insurance risk - Insurance contracts and financial instruments with discretionary participation features:

a. Cathay Life

For the nine-month period ended 30 September 2017 Scenarios Change in income before tax Change in equity Mortality/Morbidity $\times 1.05 (\times 0.95)$ Decrease (increase) Decrease (increase) 1,869,306 1,551,524 Expense ×1.05 (×0.95) Decrease (increase) Decrease (increase) 2,071,417 1,719,276 Surrender rates ×1.05 (×0.95) Increase (decrease) Increase (decrease) 292,769 242,998 Rate of return +0.1%Increase 3,686,922 Increase 3,060,145 Rate of return -0.1% Decrease 3,689,645 Decrease 3,062,406

	For the nine-month period ended 30 September 2016					
	Scenarios	Change in income before tax	Change in equity			
Mortality/Morbidity	×1.05 (×0.95)	Decrease (increase)	Decrease (increase)			
		1,754,889	1,456,558			
Expense	×1.05 (×0.95)	Decrease (increase)	Decrease (increase)			
		2,418,196	2,007,103			
Surrender rates	×1.05 (×0.95)	Increase (decrease)	Increase (decrease)			
		315,897	262,194			
Rate of return	+0.1%	Increase 3,404,345	Increase 2,825,606			
Rate of return	-0.1%	Decrease 3,406,858	Decrease 2,827,692			

b. Cathay Lujiazui Life

	For the nine-month period ended 30 September 2017				
	Scenarios	Change in income before tax	Change in equity		
Mortality/Morbidity	×1.10 (×0.90)	Decrease (increase)	Decrease (increase)		
		113,263	84,947		
Expense	×1.05 (×0.95)	Decrease (increase)	Decrease (increase)		
		55,869	41,902		
Surrender rates	×1.10 (×0.90)	Increase (decrease)	Increase (decrease)		
		83,091	62,318		
Rate of return	+0.25%	Increase 213,994	Increase 160,496		
Rate of return	-0.25%	Decrease 234,429	Decrease 175,822		

	For the nine-month period ended 30 September 2016					
	Scenarios	Change in income before tax	Change in equity			
Mortality/Morbidity	×1.10 (×0.90)	Decrease (increase)	Decrease (increase)			
		209,938	157,453			
Expense	×1.05 (×0.95)	Decrease (increase)	Decrease (increase)			
		123,699	92,774			
Surrender rates	×1.10 (×0.90)	Increase (decrease)	Increase (decrease)			
		107,711	80,784			
Rate of return	+0.25%	Increase 394,101	Increase 295,576			
Rate of return	-0.25%	Decrease 429,046	Decrease 321,784			

c. Cathay Life (Vietnam)

	For the nine-month period ended 30 September 2017						
	Scenarios	Change in income before tax	Change in equity				
Mortality/Morbidity	×1.05 (×0.95)	Decrease (increase)	Decrease (increase)				
		396	317				
Expense	×1.05 (×0.95)	Decrease (increase)	Decrease (increase)				
		15,309	12,247				
Surrender rates	×1.05 (×0.95)	Increase (decrease)	Increase (decrease)				
		2,507	2,005				
Rate of return	+0.1%	Increase 5,116	Increase 4,092				
Rate of return	-0.1%	Decrease 5,119	Decrease 4,095				

_	For the nine-month period ended 30 September 2016					
	Scenarios	Change in income before tax	Change in equity			
Mortality/Morbidity	×1.05 (×0.95)	Decrease (increase)	Decrease (increase)			
		192	154			
Expense	×1.05 (×0.95)	Decrease (increase)	Decrease (increase)			
		11,260	9,008			
Surrender rates	×1.05 (×0.95)	Increase (decrease)	Increase (decrease)			
		1,017	813			
Rate of return	+0.1%	Increase 3,922	Increase 3,137			
Rate of return	-0.1%	Decrease 3,924	Decrease 3,140			

- (a) Changes in income before tax listed above refer to the effects of income before tax arising from the assumption for the nine-month periods ended 30 September 2017 and 2016. The influence on equities of Cathay Life, Cathay Lujiazui Life and Cathay Life (Vietnam) is assumed that the income tax is calculated on pre-tax income at rates of 17%, 25% and 20% individually.
- (b) An increase (decrease) of 0.1% on discount rate applied to liability adequacy test has no impact on income before tax and equity. The result of the test shows Cathay Life's adequacy. However, if the discount rate keeps declining significantly, income before tax and equity will probably be affected.

(c) Sensitivity Test

- (i) Mortality/Morbidity test is executed by multiplying mortality, morbidity and the occurrence rate of injury insurance by the changes of assumptions and results in the corresponding changes in income before tax.
- (ii) Expense sensitivity is executed by multiplying all expense items listed in statements of comprehensive income (Note 1) by the changes of assumptions and results in the corresponding changes in income before tax
- (iii) Surrender rate sensitivity test is executed by multiplying surrender rate by the changes of assumptions and results in the corresponding changes in income before tax.
- (iv) The rate of returns sensitivity test is executed by multiplying the rate of returns (Note 2) increases (decreases) by the changes of assumptions and results in the corresponding changes in income before tax.
- Note 1: Expense items includes underwriting expenses, commission expenses, other operating expenses included in operating costs as well as business expenses, administration expenses and training expenses included in operating expenses.
- Note 2: The rate of returns is measured by 2 x (net profits or losses on investment finance costs) / (the beginning balance of usable capital + the ending balance of usable capital net profits or losses on investment + finance costs) and it needs to be annualized.

(B) Interpretation of concentration of insurance risks

Cathay Life's insurance business is mainly engaged in Taiwan, the Republic of China. All the insurance policies have similar risks of exposure, for example, the exposure of the unexpected changes in trend (e.g. mortality, morbidity, and lapse rate), the exposure of multiple insurance contracts caused by single specific event (e.g. the simultaneous exposures of life insurance, health insurance, and accidental insurance caused by one earthquake). Cathay Life reduces the risk of exposure not only by monitoring risks consistently, but also by arranging reinsurance contracts.

Cathay Life reviews the profits and losses on compensation and the capability of assuming risk as a whole periodically. Cathay Life will also evaluate the retention amount according to the risk features and approve by competent authority. For the excess of retention amount, Cathay Life cedes this portion of amounts to reinsurers. At the same time, Cathay Life takes the possibility of unexpected man-made and natural disasters into account periodically and estimates the reasonable maximum amount of losses from retained risks. Cathay Life determines whether it is necessary to adjust the reinsured amount or catastrophe reinsurance according to the range of losses. Hence, the insurance risk to some extent has been diversified to reduce the potential impact on unexpected losses.

Furthermore, according to "Regulations Governing the Setting Aside of Various Reserves by Insurance Enterprises", the annual increase of after-tax amount of special capital reserve for major incidents and fluctuation of risks for the abnormal changes of the loss ratio of each type of insurance and claims need to be recognized and recorded in special capital reserve of equity in accordance with IAS 12.

(C) Claim development trend

a. Cathay Life

(a) Direct business development trend

		Development year							
Accident year	1	2	3	4	5	6	7	Unreported claim	unreported claim
2010Q4~2011Q3	15,233,476	18,831,060	19,164,207	19,235,321	19,288,407	19,327,396	19,348,919	-	-
2011Q4~2012Q3	15,251,573	18,520,845	18,846,133	18,924,014	18,975,981	19,014,744	19,034,491	19,747	19,786
2012Q4~2013Q3	14,247,265	17,629,490	17,941,782	17,995,716	18,035,760	18,067,403	18,084,143	48,383	48,480
2013Q4~2014Q3	14,397,906	17,761,748	18,098,010	18,192,255	18,232,673	18,263,388	18,279,751	87,496	87,671
2014Q4~2015Q3	14,692,623	18,265,362	18,613,904	18,682,441	18,723,161	18,754,012	18,770,285	156,381	156,694
2015Q4~2016Q3	15,684,432	19,355,665	19,690,625	19,765,167	19,808,077	19,840,560	19,857,887	502,222	503,226
2016Q4~2017Q3	16,765,826	20,515,803	20,864,151	20,940,639	20,985,864	21,019,914	21,037,951	4,272,125	4,280,669

Expected future payment \$5,096,526
Add: Assumed reserve for incurred but not reported claim 38,923
Reserve for unreported claim 5,135,449
Add: Reported but not paid claim 1,854,599
Claims reserve balance \$6,990,048

(b) Retained business development trend

		Development year							
Accident year	1	2	3	4	5	6	7	Unreported claim	unreported claim
2010Q4~2011Q3	15,317,675	18,950,137	19,291,062	19,362,802	19,416,468	19,455,960	19,477,619	-	-
2011Q4~2012Q3	15,341,494	18,672,588	19,000,277	19,079,071	19,131,523	19,170,565	19,190,476	19,911	19,950
2012Q4~2013Q3	14,391,265	17,798,304	18,115,783	18,170,536	18,210,873	18,242,998	18,259,923	49,050	49,149
2013Q4~2014Q3	14,481,334	17,884,873	18,224,513	18,319,416	18,360,212	18,391,278	18,407,775	88,359	88,536
2014Q4~2015Q3	14,807,297	18,415,225	18,766,319	18,835,647	18,876,821	18,908,095	18,924,531	158,212	158,529
2015Q4~2016Q3	15,792,380	19,487,309	19,826,203	19,901,448	19,944,763	19,977,623	19,995,094	507,785	508,800
2016Q4~2017Q3	16,838,442	20,614,025	20,965,308	21,042,321	21,087,847	21,122,179	21,140,324	4,301,882	4,310,485

Note: Retained business equals direct business plus assumed reinsurance business less ceded reinsurance business.

Expected future payment \$5,135,449

Add: Reported but not paid claim 1,850,857

Retained claims reserve balance \$6,986,306

In accordance with Letter Jin-Guan-Bao-Shou-Zi No.10402133590 issued on 22 December 2015 issued by the FSC, Cathay Life recognizes reserve for claims by aggregating reserve for unreported claim and reported but not paid claim. Reserve for unreported claim is determined based on reported claim and adjusted to related expenses; reported but not paid claim is reserved on a case by case basis. Due to uncertainty, estimation, and judgment involved in recognition, there is a high degree of complexity in reserving for claim. Any changes of the estimation or judgment are treated as the changes of the accounting estimates and can be recognized as profit and loss in current year. Some claims are delayed in notifying Cathay Life. Also, the expected payment for unreported claims involves major subjective judgment and estimation on the past experiences. Thus, uncertainty exists that the estimated claims reserve for claim payments on the balance sheet date will not be equal to the final settled amount of claim payments. The claims reserve recorded on the book is estimated based upon the currently available information. However, the final amount probably will deviate from the original estimates because of the followup developments of the claim events.

The chart above has shown the development trend of claim payments. The event year is the actual year for the occurrence of the insurance claim events; The x-axis is the year of the development for the settlement cases; the dollar amount showing above the diagonal line represents the settlement cases in that specific event year with the corresponding accumulated dollar amounts has been paid in the end of the year; the dollar amount shown below the diagonal line represents the accumulated estimated dollar amounts need to be paid for each event year as time passes. It is possible that the circumstances and trends affecting dollar amount of recognition for the claims reserve in current year will be different from that in the future. Thus, the expected future payment amount for the settlement cases cannot be determined by this chart.

b. Cathay Lujiazui Life

(a) Direct business development trend

		Development year						
Accident year	1	2	3	4	5	6	7	future payment
2010Q4~2011Q3	235,910	436,579	462,660	462,660	478,328	478,328	478,328	-
2011Q4~2012Q3	251,268	490,713	530,349	534,385	534,385	534,385	534,385	-
2012Q4~2013Q3	371,507	597,222	634,664	644,451	644,451	644,451	644,451	-
2013Q4~2014Q3	218,040	408,088	436,739	644,451	644,451	644,451	644,451	-
2014Q4~2015Q3	258,732	443,988	436,739	447,318	447,318	447,318	447,318	10,579
2015Q4~2016Q3	266,185	443,988	467,258	487,539	487,539	487,539	487,539	43,551
2016Q4~2017Q3	266,185	468,766	493,335	533,214	533,214	533,214	533,214	267,029

Expected future payment \$321,159

Less: Expected reported but not paid claim (6,498)

Add: Assumed reserve for incurred but not reported claim
Reserve for unreported claim 314,661

Add: Reported but not paid claim 10,350

Claims reserve balance \$325,011

(b) Retained business development trend

	Development year							
Accident year	1	2	3	4	5	6	7	future payment
2010Q4~2011Q3	231,757	436,222	462,660	462,660	469,701	469,701	469,701	-
2011Q4~2012Q3	245,616	489,471	530,327	534,363	469,701	469,701	469,701	-
2012Q4~2013Q3	315,471	588,529	625,929	635,713	635,713	635,713	635,713	-
2013Q4~2014Q3	195,402	385,026	413,654	635,713	635,713	635,713	635,713	-
2014Q4~2015Q3	256,122	440,995	413,654	424,198	424,198	424,198	424,198	10,544
2015Q4~2016Q3	253,938	440,995	460,966	482,310	482,310	482,310	482,310	41,315
2016Q4~2017Q3	253,938	471,373	492,720	517,250	517,250	517,250	517,250	263,312

Note: Retained business equals direct business plus assumed reinsurance business less ceded reinsurance business.

Expected future payment \$315,171

Less: Expected reported but not paid claim (6,498)

Add: Reported but not paid claim 10,350

Retained claims reserve balance \$319,023

Cathay Lujiazui Life recognize claims reserve for reported claims (reported but not paid) and unreported claims (incurred but not reported). Due to uncertainty, estimation, and judgment involved in recognition, there is a high degree of complexity in reserving for claim. Any changes of the estimation or judgment are treated as the changes of the accounting estimates and can be recognized as profit and loss in current year. Some claims are delayed in notifying Cathay Life and Cathay Lujiazui Life. Also, the expected payment for unreported claims involves major subjective judgment and estimation on the past experiences. Thus, uncertainty exists that the estimated claims reserve for claim payments on the balance sheet date will not be equal to the final settled amount of claim payments. The claims reserve recorded on the book is estimated based upon the currently available information. However, the final amount probably will deviate from the original estimates because of the follow-up developments of the claim events.

The chart above shows the development trend of claim payments. The event year is the actual year for the occurrence of the insurance claim events; The x-axis is the year of the development for the settlement cases; the dollar amount shown above the diagonal line represents the settlement cases in that specific event year with the corresponding accumulated dollar amounts that have been paid in the end of the year; the dollar amount shown below the diagonal line represents the accumulated estimated dollar amounts needed to be paid for each event year as time passes. It is possible that the circumstances and trends affecting dollar amount of recognition for the claims reserve in current year will be different from that in the future. Thus, the expected future payment amount for the settlement cases cannot be determined by this chart.

c. Cathay life (Vietnam)

Direct business development trend (and retained business development trend)

	Development year						
Accident year	1	2	3	4	5		
2012Q4~2013Q3	804	881	881	881	881		
2013Q4~2014Q3	633	725	725	725	725		
2014Q4~2015Q3	1,174	1,288	1,288	1,288	1,288		
2015Q4~2016Q3	1,136	1,286	1,286	1,286	1,286		
2016Q4~2017Q3	933	1,059	1,059	1,059	1,059		

The chart above has shown the development trend of claim payments. The event year is the actual year for the occurrence of the insurance claim events; The x-axis is the year of the development for the settlement cases; the dollar amount shown above the diagonal line represents the settlement cases in that specific event year with the corresponding accumulated dollar amounts has been paid in the end of the year; the dollar amount shown below the diagonal line represents the accumulated estimated dollar amounts that need to be paid for each event year as time passes.

Cathay Life (Vietnam) recognizes claims reserve for reported claims (reported but not paid) and unreported claims (incurred but not reported). The estimation method of unreported claims is earned premium multiplied by the loss ratio based upon the past loss experiences instead of loss triangle method, which was approved by the Vietnam local authorities. Thus, the expected future payment amount for the settlement cases cannot be determined by this chart. Also, the expected payment for unreported claims involves major subjective judgment and estimation on the past experiences. Thus, uncertainty exists that the estimated claims reserve for claim payments on the balance sheet date will not be equal to the final settled amount of claim payments.

Credit risk, liquidity risk, and market risk for insurance contracts

(a) Credit risk

This risk represents Cathay Life's financial loss due to the default of reinsurers; therefore, may cause impairment of reinsurance assets.

Due to the nature of reinsurance market and the regulations on qualified reinsurers, the insurers in Taiwan sustain certain degree of concentration of credit risk in reinsurers. To reduce this risk, Cathay Life chooses the reinsurance counterparty, reviews its credit rating periodically, monitors and controls the risk of reinsurance transactions properly in accordance with Cathay Life's "Reinsurance Risk Management Plan" and "Evaluation Standards for Reinsurers."

The credit ratings of Cathay Life's reinsurers are satisfactory and above certain level, complying with Cathay Life's internal rules and relevant legal requirements in Taiwan. Furthermore, reinsurance assets are relatively immaterial to Cathay Life in terms of assets; therefore, no significant credit risks exist.

(b) Liquidity risk

The chart below is the analysis (undiscounted) of insurance contracts and net cash flows of liabilities of financial instruments with discretionary participation features. The figures shown in this chart are the total insurance payments and expenses of valid insurance contracts at specific times in the future on the balance sheet date. The actual future payment amounts will not be the same as expected due to the differences between the actual and expected experiences.

Unit: NT \$ 100 million

Insurance contracts and financial instruments with

discretionary participation features

	Within 1 year	1 to 5 years	Over 5 years
2017.9.30	\$(1,479)	\$(20)	\$169,920
2016.12.31	(2,213)	(1,365)	170,341
2016.9.30	(1,853)	(1,192)	165,192

Note: Separate account products are not included.

(c) Market risk

When Cathay Life measures insurance liabilities, the discounted rate required by the regulator is applied. The regulator reviews the discount rate assumption which has been used for reserves periodically. However, the discount rate assumption does not move at the same time in the same direction with the market price and interest rate, and is only applied to new businesses. Thus, those possible variables in market risk to Cathay Life's valid insurance contacts have slight impact on profit and loss or equity. When the regulator changes the discount rate assumption possibly and reasonably, this change will have the impact of different range on profit and loss or equity depending upon the level of change it has been made and the overall company product portfolio. Furthermore, the reasonably possible change on the market risk will probably have impact on the future cash flows of insurance contracts and financial instruments with discretionary participation features, which are estimated based on information available at the balance sheet date and are used for assessing the adequacy of recognized insurance liabilities via adequacy test. Based upon the reasonably possible changes of current market risk, it has little impact on the adequacy of current recognized insurance liabilities.

B. Century insurance subsidiaries

The objectives, policies, procedures and methods of risk management:

(A) The framework, organization, and responsibility of risk management:

a. Board of directors

- (a) To recognize various risks associated with insurance business, assure effectiveness of risk management and take ultimate responsibility for risk management as a whole.
- (b) To establish appropriate mechanism and culture for risk management, ratify appropriate risk management policies and optimize resource allocation.
- (c) To consider the aggregate effect of various risks from the perspective of Cathay Century as a whole, take into account the regulatory capital requirements from the competent authority and other related capital allocation regulations regarding finance and business.

b. Risk Management Committee

- (a) To formulate risk management policies, frameworks, and organizations; to build quantitative and qualitative management standards, regularly report to board of directors, reflect timely the execution of risk management and propose necessary steps for improvement.
- (b) To execute risk management decisions from board of directors and review development, establishment and effectiveness of risk management mechanism for Cathay Century as a whole on a regular basis.
- (c) To assist and supervise various departments in risk management activities.
- (d) To adjust risk category, allotment, and attribution in response to changes in the environment.
- (e) To coordinate the interaction and communication of risk management function across departments.

c. Chief Risk Officer

The appointment and removal of the chief risk officer need to be resolved by the board of directors. The chief risk officer should work independently and cannot concurrently serve on business unit and financial unit. He or she has the rights to acquire any information that could have impact on Cathay Century's risk outline.

- (a) To manage Cathay Century's overall risk management.
- (b) To participate in the discussion of important company policies and to deliver appropriate recommendations from risk management viewpoint.

d. Risk management department

Risk management department is established independent of sales function to take charge of tasks such as the supervision and evaluation of various major risks.

Responsibility of risk management division:

- (a) To assist in drafting risk management policies and the execution when ratified by the board of directors.
- (b) To assist in setting up risk limits according to the risk appetite.
- (c) To compile risk information from various departments, coordinate and communicate with them to execute policies and limits.
- (d) To propose risk management related reports on a regular basis.
- (e) To supervise risk limit and its use in each business unit on a regular basis.
- (f) To assist in stress tests and conduct back-testing when necessary.
- (g) To conduct other risk management related tasks.

e. Business unit

- (a) The responsibilities of business's risk management are as follows:
 - (i) To supervise the daily risk management and report of the responsible unit and take necessary responsive actions.
 - (ii) To oversee the sharing of risk management information to risk management on a regular basis.
- (b) The business unit's responsibilities for risk management are as follows:
 - (i) To identify risk and report risk exposure.
 - (ii) To evaluate (quantitative or qualitative) the degree of influence when risks occur and pass the risk information in a timely and correct manner.
 - (iii) To review each risk item and its limit on a regular basis to insure the effective execution of risk limit within business unit.
 - (iv) To oversee risk exposure and report when over-limit occur, including measures taken against it.
 - (v) To assist in development of risk model to insure the evaluation of risk, use of model, and its assumption are conducted on a reasonable basis and is consistent with actual practice.
 - (vi) To assure effective execution of internal control within business unit to comply with relevant regulations and risk management policies of Cathay Century.
 - (vii)To assist in collecting information regarding operation risk.

f. Internal audit room

Audit the execution of risk management of each unit in Cathay Century according to the existing relevant regulations.

(B) Scope and nature of risk reporting and evaluation system of property insurance

a. Risks reporting

- (a) Each business unit within Cathay Century and its subsidiaries should pass risk information to risk management unit for overseeing purpose, and propose overlimit report and responding measures when risk exposure is over limit.
- (b) Risk management unit compiles risk information from each department, examine and track the use of major risk limit, submit a monthly risk management report to the general manager, and make quarterly report to the risk management committee and board of director to oversee risks on a regular basis.

b. Scope and nature of risk evaluation system

The risk management unit of Cathay Century and its subsidiaries, and the Company collaborate in building market risk management system. The structure will consider functionality, source of information, completeness of uploaded information, and the safety of the environment in which the system operates. Function-wise, risk management system focuses on the need of middle office to quantify risk, and it would only be authorized to risk management personnel.

(C) Processes to undertake, evaluate, supervise and control insurance risk of property insurance business. Policy in underwriting to assure proper risk categorization and fee standard.

In Cathay Century and its subsidiaries, risk management department takes responsibilities in monitoring risks, integrate insurance risk of Cathay Century as a whole, and set up risk indicators, risk limit, and managing mechanism. Each related department is the execution unit of insurance risk control. They report execution process to risk management department every month based on regulation, internal rules, and professional knowledge and experience of their respective field. Risk management department then propose insurance risk management report to the board of directors each quarter.

(D) Evaluate risk from the perspective of enterprise as a whole and the scope in managing insurance risk

Scope of insurance risk management of Cathay Century and its subsidiaries includes product design and pricing, underwriting, reinsurance, risks related to catastrophe, claim, and provision. Proper management mechanisms are set up and execute thoroughly.

(E) Methods with which property insurance business limit insurance risk exposure and improper risk concentration

Before a business is introduced, the underwriting personnel will evaluate the quality of the business based on the underwriting guideline of each insurance to decide whether to undertake the business. Risk is properly avoided and controlled to reduce exposure.

In addition, as Cathay Century and its subsidiaries undertakes reinsurance business, risk management mechanism is set up in accordance with "Regulations Governing Insurance Enterprises Engaging in Operating Reinsurance and Other Risk Spreading Mechanisms" and the ability to undertake risk is taken into account for the establishment of re-insurance risk management plan which execution is based upon. Accumulated risk with the portfolio of direct written premiums and other inward-insurance business is conducted before an individual case of outward/inward reinsurance is executed. When the cumulative insurance amount exceeds contract limit or self-retain limit, risk is diversified through facultative reinsurance.

According to Cathay Century's and its subsidiaries risk management mechanism for reinsurance business, the maximum for the retained risk per risk unit is calculated as 10% of the summary amount of stockholder's equities and special reserves (excluding compulsory automobile insurance). The following table summarizes the underlying retention for each risk unit by types of insurance:

Item	2017	2016
Fire insurance	NT\$1,105,000	NT\$898,000
Marine insurance	NT\$1,105,000	NT\$898,000
Engineering insurance	NT\$1,105,000	NT\$898,000
Other property insurance	NT\$1,105,000	NT\$898,000
Automobile insurance	NT\$1,105,000	NT\$898,000
Health and injury insurance	NT\$1,105,000	NT\$898,000

(F) Methods of asset/liability management

Provisions are evaluated on a regular basis based on Cathay Century's business characteristics to insure fund allocation and the liquidity of asset investment is sufficient to meet possible future claims. Cash flow management with comprehensive consideration of the amount of fund required and its timeline of every department is conducted through fund procurement department, which is independent of trading unit.

Operation standards under crisis are set up in accordance with the "Directions for Handling Financial Institute Crisis" issued by Financial Supervision Commission. When a tremendous sum of fund is lost or liquidity is severely compromised, the operation crisis team will be set up immediately to evaluate the impact on fund liquidity of Cathay Century cautiously and assess the amount, timeline, and benefit of making up the funding gap so as to assure rights of clients and Cathay Century.

(G) Management, supervision, control process when additional liability or commitment to equity contribution is required for the property insurance business

Cathay Century and its subsidiaries has established a management mechanism for capital adequacy, which includes capital adequacy indicators for regular review, and every six month a capital adequacy management report will be compiled to implement capital adequacy management.

If capital adequacy ratio exceeds control standard (risk limit) or in the case of unusual events, related departments will meet together to study counter-measures and report to the Company to review the impact on the group's capital adequacy ratio.

Receivables and payables of insurance contracts

(A) Receivables of insurance contracts

	Premiums receivable (Note)				
Item	2017.9.30	2016.12.31	2016.9.30		
Fire insurance	\$737,087	\$545,610	\$645,700		
Marine insurance	198,024	211,652	202,366		
Land and air insurance	119,822	208,831	82,640		
Liability insurance	174,225	173,051	184,691		
Bonding insurance	38,468	24,476	40,512		
Other property insurance	193,699	217,992	247,431		
Accident insurance	112,725	131,391	126,387		
Health insurance	7,912	10,393	11,457		
Compulsory automobile	26,246	21,643	23,573		
liability insurance					
Total	\$1,608,208	1,545,039	1,564,757		
Less: Allowance for bad debts	(64,251)	(75,197)	(82,105)		
Net	\$1,543,957	\$1,469,842	\$1,482,652		

Cathay Century and its subsidiaries ageing analysis of receivable:

	2017.9.30	2016.12.31	2016.9.30
≦90 days	\$1,005,749	\$1,292,660	\$974,818
>90 days	602,459	252,379	589,939
Total	\$1,608,208	\$1,545,039	\$1,564,757

Note: As of 30 September 2017, 31 December 2016 and 30 September 2016, the receivables included overdue receivables amounting to \$600,688 thousand, \$251,988 thousand and \$588,385 thousand, respectively; and the allowance for bad debts amounting to \$54,273 thousand, \$62,291 thousand and \$71,846 thousand, respectively.

(B) Claims recoverable from reinsurers for policyholder with reported and paid off claims

_	Claims reported and paid off					
Item	2017.9.30	2016.12.31	2016.9.30			
Fire insurance	\$47,652	\$108,058	\$423,901			
Marine insurance	25,389	12,168	19,153			
Land and air insurance	54,370	42,067	45,820			
Liability insurance	37,074	34,899	17,750			
Bonding insurance	180	2,143	13			
Other property insurance	15,211	14,724	28,171			
Accident insurance	14,620	16,645	16,543			
Health insurance	-	-	-			
Compulsory automobile	182,304	143,733	187,927			
liability insurance						
Total	376,800	374,437	739,278			
Less: Allowance for bad debts	(3,768)		-			
Net	\$373,032	\$374,437	\$739,278			

(C) Payables of insurance contract

	2017.9.30					
	Commission					
Item	payables	Other payables	Total			
Fire insurance	\$31,518	\$11,577	\$43,095			
Marine insurance	5,405	10,831	16,236			
Land and air insurance	23,795	81,792	105,587			
Liability insurance	12,782	17,741	30,523			
Bonding insurance	4,946	476	5,422			
Other property insurance	3,606	8,493	12,099			
Accident insurance	12,216	31,790	44,006			
Health insurance	3,414	3,138	6,552			
Compulsory automobile						
liability insurance	31,571		31,571			
Total	\$129,253	\$165,838	\$295,091			

	2016.12.31			
	Commission			
Item	payables	Other payables	Total	
Fire insurance	\$26,427	\$12,410	\$38,837	
Marine insurance	5,947	10,090	16,037	
Land and air insurance	28,784	84,010	112,794	
Liability insurance	11,180	17,491	28,671	
Bonding insurance	3,500	384	3,884	
Other property insurance	4,697	10,279	14,976	
Accident insurance	12,549	27,366	39,915	
Health insurance	3,314	1,619	4,933	
Compulsory automobile				
liability insurance	26,944	-	26,944	
Total	\$123,342	\$163,649	\$286,991	

		2016.9.30				
	Commission					
Item	payables	Other payables	Total			
Fire insurance	\$26,047	\$15,198	\$41,245			
Marine insurance	6,198	9,957	16,155			
Land and air insurance	23,224	176,242	199,466			
Liability insurance	11,984	17,094	29,078			
Bonding insurance	5,616	452	6,068			
Other property insurance	3,672	11,084	14,756			
Accident insurance	12,809	86,205	99,014			
Health insurance	3,833	5,490	9,323			
Compulsory automobile						
liability insurance	35,837	35,837	71,674			
Total	\$129,220	\$357,559	\$486,779			

(D) Due from (to) reinsurers and ceding companies- reinsurance

	2017.9.30			
	Due from reinsurers	Due to reinsurers		
	and ceding	and ceding		
Item	companies (Note)	companies		
Non-Life Insurance Association of the R.O.C.	\$134,555	\$338,677		
AON	19,680	96,551		
Central Re	2,050	60,045		
Guy Carpenter	37,557	12,148		
Marsh	197,522	51,885		
Sompo	32,771	33,202		
Others	201,084	599,723		
Total	625,219	1,192,231		
Less: Allowance for bad debts	(28,001)	-		
Net	\$597,218	\$1,192,231		

	2016.12.31		
	Due from reinsurers	Due to reinsurers	
	and ceding	and ceding	
Item	companies (Note)	companies	
Non-Life Insurance Association of the R.O.C	\$132,069	\$345,501	
AON	48,647	148,371	
Marsh	45,277	179,328	
Willis	261,070	71,683	
Guy Carpenter	76,895	15,070	
Others	164,360	629,154	
Total	728,318	1,389,107	
Less: Allowance for bad debts	(25,058)	-	
Net	\$703,260	\$1,389,107	

	2016.9.30		
	Due from reinsurers	Due to reinsurers	
	and ceding	and ceding	
Item	companies (Note)	companies	
Non-Life Insurance Association of the R.O.C	\$140,735	\$337,323	
Marsh	20,828	255,282	
Willis	2,193	114,082	
Swiss Re	1,123	78,296	
Sompo	35,666	26,743	
Others	307,965	447,556	
Total	508,510	1,259,282	
Less: Allowance for bad debts	(18,438)		
Net	\$490,072	\$1,259,282	

Notes: As of 30 September 2017, 31 December 2016 and 30 September 2016, the due from reinsurers and ceding companies included overdue receivables amounting to \$21,941 thousand, \$19,305 thousand and \$18,438 thousand, respectively; and the allowance for bad debts amounting to \$21,941 thousand, \$19,305 thousand and \$18,438 thousand, respectively.

Information of management achievements

(A) Acquisition cost for insurance contracts

	2017.7.1~2017.9.30					
		Reinsurance				
	Commission		commission			
Item	expense	Surcharge	expense	Other cost	Total	
Fire insurance	\$47,169	\$1,386	\$13,268	\$2,634	\$64,457	
Marine insurance	11,026	277	2,783	286	14,372	
Land and air insurance	228,614	2	682	89,996	319,294	
Liability insurance	35,993	21	268	2,867	39,149	
Bonding insurance	2,607	2	18	-	2,627	
Other property insurance	13,967	1,121	9,560	650	25,298	
Accident insurance	98,192	10	157	27,080	125,439	
Health insurance	14,919	77	310	3,029	18,335	
Compulsory automobile						
liability insurance		105,285		-	105,285	
Total	\$452,487	\$108,181	\$27,046	\$126,542	\$714,256	

	2016.7.1~2016.9.30				
			Reinsurance		
	Commission		commission		
Item	expense	Surcharge	expense	Other cost	Total
Fire insurance	\$40,251	\$2,615	\$6,767	\$6,369	\$56,002
Marine insurance	9,981	173	130	761	11,045
Land and air insurance	103,774	-	4	184,645	288,423
Liability insurance	36,592	1,267	67	156	38,082
Bonding insurance	2,469	13	4	(25)	2,461
Other property insurance	10,957	20,723	1,212	4,040	36,932
Accident insurance	39,617	-	-	89,352	128,969
Health insurance	9,340	-	-	5,853	15,193
Compulsory automobile					
liability insurance		105,797			105,797
Total	\$252,981	\$130,588	\$8,184	\$291,151	\$682,904

	2017.1.1~2017.9.30					
		Reinsurance				
	Commission		commission			
Item	expense	Surcharge	expense	Other cost	Total	
Fire insurance	\$130,651	\$4,013	\$32,213	\$6,812	\$173,689	
Marine insurance	36,071	708	7,186	832	44,797	
Land and air insurance	692,249	2	728	242,783	935,762	
Liability insurance	104,551	40	439	5,803	110,833	
Bonding insurance	11,897	2	26	-	11,925	
Other property insurance	45,698	1,894	16,930	1,834	66,356	
Accident insurance	278,121	16	313	69,838	348,288	
Health insurance	39,364	304	1,218	7,605	48,491	
Compulsory automobile						
liability insurance		304,123		-	304,123	
Total	\$1,338,602	\$311,102	\$59,053	\$335,507	\$2,044,264	

		20	16.1.1~2016.9.	30				
	Reinsurance							
	Commission commission							
Item	expense	Surcharge	expense	Other cost	Total			
Fire insurance	\$95,603	\$24,943	\$13,893	\$27,235	\$161,674			
Marine insurance	32,070	1,762	426	2,160	36,418			
Land and air insurance	298,807	-	81	565,909	864,797			
Liability insurance	98,728	17,048	111	624	116,511			
Bonding insurance	10,779	170	48	401	11,398			
Other property insurance	34,967	278,712	4,606	12,798	331,083			
Accident insurance	106,327	-	1	260,887	367,215			
Health insurance	24,593	-	-	16,229	40,822			
Compulsory automobile								
liability insurance	1	321,079		_	321,080			
Total	\$701,875	\$643,714	\$19,166	\$886,243	\$2,250,998			
		·		·				

(B) Disclosure for insurance cost benefit analysis

a. Cost benefit analysis for direct underwriting

		2017.7.1~2017.9.30

		Net change for	Acquisition			
	Direct	unearned	cost for			
	premium	premiums	insurance	Insurance	Net change for	
Item	income	reserve	contract	claims paid	claims reserve	Net gain (loss)
Fire insurance	\$655,424	\$122,325	\$(51,189)	\$(475,267)	\$475,453	\$726,746
Marine insurance	112,113	26,071	(11,589)	(71,217)	(4,778)	50,600
Land and air insurance	2,031,539	99,390	(318,612)	(1,503,784)	144,596	453,129
Liability insurance	319,267	(22,956)	(38,881)	(176,470)	(53,466)	27,494
Bonding insurance	31,850	8,266	(2,609)	139	(84,081)	(46,435)
Other property insurance	135,794	27,216	(15,738)	(52,385)	(16,411)	78,476
Accident insurance	787,105	2,287	(125,282)	(315,447)	9,578	358,241
Health insurance	82,418	(4,516)	(18,025)	(27,552)	2,530	34,855
Compulsory automobile						
liability insurance	772,219	(5,813)	(105,285)	(461,700)	28,911	228,332
Total	\$4,927,729	\$252,270	\$(687,210)	\$(3,083,683)	\$502,332	\$1,911,438

2016.7.1~2016.9.30

		Net change for	Acquisition			
	Direct	unearned	cost for			
	premium	premiums	insurance	Insurance	Net change for	
Item	income	reserve	contract	claims paid	claims reserve	Net gain (loss)
Fire insurance	\$721,864	\$50,764	\$(49,235)	\$(959,531)	\$490,315	\$254,177
Marine insurance	125,075	22,888	(10,915)	(177,107)	185,993	145,934
Land and air insurance	1,925,991	121,213	(288,419)	(1,136,250)	(66,310)	556,225
Liability insurance	316,065	(36,485)	(38,015)	(110,106)	(104,332)	27,127
Bonding insurance	22,119	12,630	(2,457)	(4,321)	(56,885)	(28,914)
Other property insurance	216,903	120,918	(35,720)	(134,393)	62,038	229,746
Accident insurance	762,782	8,230	(128,969)	(284,736)	10,017	367,324
Health insurance	75,024	(2,359)	(15,193)	(25,722)	4,612	36,362
Compulsory automobile						
liability insurance	812,742	24,872	(105,797)	(763,740)	(19,295)	(51,218)
Total	\$4,978,565	\$322,671	\$(674,720)	\$(3,595,906)	\$506,153	\$1,536,763

_		2017.1.1~2017.9.30								
		Net change for	Acquisition							
	Direct	unearned	cost for							
	premium	premiums	insurance	Insurance	Net change for					
Item	income	reserve	contract	claims paid	claims reserve	Net gain (loss)				
Fire insurance	\$2,369,519	\$(52,663)	\$(141,476)	\$(1,455,656)	\$1,317,431	\$2,037,155				
Marine insurance	414,567	18,056	(37,611)	(172,658)	(33,666)	188,688				
Land and air insurance	6,189,498	72,441	(935,034)	(4,018,084)	213,736	1,522,557				
Liability insurance	893,733	(19,242)	(110,394)	(377,175)	(170,232)	216,690				
Bonding insurance	129,985	(24,968)	(11,899)	20,828	(90,038)	23,908				
Other property insurance	413,494	44,811	(49,426)	(226,549)	29,954	212,284				
Accident insurance	2,288,247	(13,472)	(347,975)	(876,040)	(94,953)	955,807				

(47,273)

(304,123)

\$(1,985,211)

(85,068)

(1,291,867)

\$(8,482,269)

(5,213)

51,344

\$1,218,363

76,188

698,531

\$5,931,808

(7,547)

5,281

\$22,697

Health insurance

Compulsory automobile

liability insurance

Total

221,289

2,237,896

\$15,158,228

			2016.1.1~	2016 9 30		
		Net change for	Acquisition	2010.7.20		
	Direct	unearned	cost for			
	premium	premiums	insurance	Insurance	Net change for	
Item	income	reserve	contract	claims paid	claims reserve	Net gain (loss)
Fire insurance	\$2,392,018	\$(56,493)	\$(147,781)	\$(1,670,853)	\$(2,313,946)	\$(1,797,055)
Marine insurance	448,258	(11,517)	(35,992)	(298,515)	32,656	134,890
Land and air insurance	5,926,284	38,043	(864,716)	(3,317,788)	(318,871)	1,462,952
Liability insurance	972,702	(60,860)	(116,400)	(344,551)	(55,014)	395,877
Bonding insurance	100,406	(2,127)	(11,350)	(34,491)	(31,036)	21,402
Other property insurance	1,456,179	158,652	(326,477)	(802,858)	140,933	626,429
Accident insurance	2,226,672	(31,194)	(367,214)	(815,376)	5,012	1,017,900
Health insurance	201,617	(3,359)	(40,822)	(80,651)	7,270	84,055
Compulsory automobile						
liability insurance	2,770,902	(58,304)	(321,080)	(1,878,565)	97,810	610,763
Total	\$16,495,038	\$(27,159)	\$(2,231,832)	\$(9,243,648)	\$(2,435,186)	\$2,557,213
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b. Recognized gain (loss) for reinsurance contract purchased

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		Net change for				Net (loss) gain
	Reinsurance	unearned	Reinsurance			for assumed
	premium	premiums	commission	Reinsurance	Net change for	reinsurance
Item	income	reserve	expense	claims paid	claims reserve	business
Fire insurance	\$68,433	\$(19,371)	\$(13,268)	\$(18,375)	\$(31,612)	\$(14,193)
Marine insurance	8,987	3,871	(2,783)	(2,448)	345	7,972
Land and air insurance	4,018	(2,948)	(682)	(679)	(6,575)	(6,866)
Liability insurance	737	(411)	(268)	(406)	57	(291)
Bonding insurance	445	26	(18)	(46)	(112)	295
Other property insurance	38,294	(22,296)	(9,560)	(5,429)	(15,185)	(14,176)
Accident insurance	2,954	(753)	(157)	(78)	(70)	1,896
Health insurance	3,099	(442)	(310)	(2,229)	(567)	(449)
Compulsory automobile						
liability insurance	207,365	(4,930)		(182,965)	433	19,903
Total	\$334,332	\$(47,254)	\$(27,046)	\$(212,655)	\$(53,286)	\$(5,909)

2016.7.1~2016.9.30

		Net change for				Net (loss) gain
	Reinsurance	unearned	Reinsurance			for assumed
	premium	premiums	commission	Reinsurance	Net change for	reinsurance
Item	income	reserve	expense	claims paid	claims reserve	business
Fire insurance	\$50,795	\$(15,403)	\$(6,767)	\$(17,614)	\$24,381	\$35,392
Marine insurance	3,357	1,435	(130)	(2,794)	6,093	7,961
Land and air insurance	4,407	2,631	(4)	(1,273)	37	5,798
Liability insurance	1,484	(559)	(67)	-	28	886
Bonding insurance	267	67	(4)	-	(18)	312
Other property insurance	8,052	1,834	(1,212)	(2,496)	(3,894)	2,284
Accident insurance	1,688	43	-	(6)	45	1,770
Health insurance	-	-	-	-	-	-
Compulsory automobile						
liability insurance	192,151	12,789		(210,690)	(28,939)	(34,689)
Total	\$262,201	\$2,837	\$(8,184)	\$(234,873)	\$(2,267)	\$19,714

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		Net change for				Net (loss) gain
	Reinsurance	unearned Reinsurance				for assumed
	premium	premiums	commission	Reinsurance	Net change for	reinsurance
Item	income	reserve	expense	claims paid	claims reserve	business
Fire insurance	\$187,706	\$(58,783)	\$(32,213)	\$(32,284)	\$(22,618)	\$41,808
Marine insurance	27,018	(3,674)	(7,186)	(501)	900	16,557
Land and air insurance	4,002	3,662	(728)	(1,420)	(7,109)	(1,593)
Liability insurance	1,083	(178)	(439)	(433)	44	77
Bonding insurance	1,163	42	(26)	(133)	(109)	937
Other property insurance	71,360	(36,612)	(16,930)	(11,896)	(15,568)	(9,646)
Accident insurance	6,744	(716)	(313)	(198)	(89)	5,428
Health insurance	12,180	(8,388)	(1,218)	(2,717)	(791)	(934)
Compulsory automobile						
liability insurance	578,511	573		(519,045)	(22,685)	37,354
Total	\$889,767	\$(104,074)	\$(59,053)	\$(568,627)	\$(68,025)	\$89,988

2016.1.1~2016.9.30

		Net change for				Net (loss) gain
	Reinsurance	unearned	Reinsurance			for assumed
	premium	premiums	commission	Reinsurance	Net change for	reinsurance
Item	income	reserve	expense	claims paid	claims reserve	business
Fire insurance	\$122,421	\$(18,157)	\$(13,893)	\$(61,436)	\$73,441	\$102,376
Marine insurance	8,827	1,046	(426)	(20,846)	19,299	7,900
Land and air insurance	16,324	2,659	(81)	(1,368)	1,267	18,801
Liability insurance	1,155	315	(111)	(5)	54	1,408
Bonding insurance	997	167	(48)	(150)	53	1,019
Other property insurance	25,729	2,161	(4,606)	(11,241)	3,262	15,305
Accident insurance	5,003	(106)	(1)	(108)	11	4,799
Health insurance	-	-	-	-	-	-
Compulsory automobile						
liability insurance	576,201	(28,615)	-	(489,848)	(103,527)	(45,789)
Total	\$756,657	\$(40,530)	\$(19,166)	\$(585,002)	\$(6,140)	\$105,819
		<u> </u>		•	<u> </u>	

c. Recognized gain (loss) for reinsurance contract purchased

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		Net change for		Claims		
		unearned	Reinsurance recovered		Net change for	Net loss (gain)
	Reinsurance	premiums	commission	from	claims reserve	for reinsurance
Item	expense	reserve ceded	earned	reinsurers	ceded	ceded
Fire insurance	\$387,999	\$76,449	\$(25,528)	\$(356,701)	\$420,066	\$502,285
Marine insurance	60,376	22,278	(8,675)	(49,919)	(5,704)	18,356
Land and air insurance	77,055	33,161	(24,259)	(54,374)	(23,878)	7,705
Liability insurance	114,061	(12,081)	(19,150)	(38,029)	(28,674)	16,127
Bonding insurance	25,043	4,687	(3,440)	5,496	(70,651)	(38,865)
Other property insurance	89,220	8,598	(12,864)	(22,112)	10,777	73,619
Accident insurance	53,969	9,735	(13,875)	(6,289)	9,023	52,563
Health insurance	-	-	-	-	27	27
Compulsory automobile						
liability insurance	328,072	(3,378)		(270,257)	15,429	69,866
Total	\$1,135,795	\$139,449	\$(107,791)	\$(792,185)	\$326,415	\$701,683

2016.7.1~2016.9.30

		Net change for		Claims		
		unearned	Reinsurance	recovered	Net change for	Net loss (gain)
	Reinsurance	premiums	commission	from	claims reserve	for reinsurance
Item	expense	reserve ceded	earned	reinsurers	ceded	ceded
Fire insurance	\$468,115	\$37,696	\$(33,494)	\$(574,662)	\$323,223	\$220,878
Marine insurance	80,183	25,731	(11,026)	(145,685)	154,610	103,813
Land and air insurance	79,593	48,924	(22,997)	(47,851)	3,708	61,377
Liability insurance	110,255	(48,237)	(24,345)	(24,089)	(77,679)	(64,095)
Bonding insurance	14,313	8,424	(2,992)	(4,173)	(35,575)	(20,003)
Other property insurance	85,200	1,080	(10,050)	(42,842)	57,444	90,832
Accident insurance	40,410	12,234	(10,541)	(20,886)	4,995	26,212
Health insurance	-	-	-	-	(90)	(90)
Compulsory automobile						
liability insurance	321,867	(4,342)		(354,580)	(31,453)	(68,508)
Total	\$1,199,936	\$81,510	\$(115,445)	\$(1,214,768)	\$399,183	\$350,416

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		Net change for		Claims		
		unearned	Reinsurance	recovered	Net change for	Net loss (gain)
	Reinsurance	premiums	commission	from	claims reserve	for reinsurance
Item	expense	reserve ceded	earned	reinsurers	ceded	ceded
Fire insurance	\$1,544,132	\$(68,088)	\$(78,329)	\$(1,121,707)	\$1,229,953	\$1,505,961
Marine insurance	274,688	9,608	(34,451)	(104,837)	(16,219)	128,789
Land and air insurance	234,951	88,638	(77,236)	(137,241)	(35,155)	73,957
Liability insurance	308,302	227	(63,215)	(81,194)	(54,927)	109,193
Bonding insurance	100,068	(25,942)	(15,438)	34,280	(78,095)	14,873
Other property insurance	220,893	4,991	(41,096)	(82,661)	43,769	145,896
Accident insurance	182,197	(19,890)	(45,486)	(59,845)	(106)	56,870
Health insurance	-	-	-	-	327	327
Compulsory automobile						
liability insurance	927,686	3,698		(747,985)	22,989	206,388
Total	\$3,792,917	\$(6,758)	\$(355,251)	\$(2,301,190)	\$1,112,536	\$2,242,254

2016.1.1~2016.9.30

		Net change for		Claims		
		unearned	Reinsurance	recovered	Net change for Net loss (gain)	
	Reinsurance	premiums	commission	from	claims reserve	for reinsurance
Item	expense	reserve ceded	earned	reinsurers	ceded	ceded
Fire insurance	\$1,722,939	\$(107,564)	\$(122,205)	\$(999,698)	\$(2,267,592)	\$(1,774,120)
Marine insurance	322,012	(6,316)	(39,668)	(232,559)	31,769	75,238
Land and air insurance	266,214	115,081	(72,932)	(133,013)	(17,472)	157,878
Liability insurance	368,452	(59,613)	(82,038)	(107,522)	(73,672)	45,607
Bonding insurance	68,413	(3,539)	(12,687)	(32,567)	(3,995)	15,625
Other property insurance	185,792	57,900	(33,637)	(118,734)	103,260	194,581
Accident insurance	195,691	(17,755)	(48,181)	(59,735)	11,523	81,543
Health insurance	(5)	4	-	-	(378)	(379)
Compulsory automobile						
liability insurance	942,004	(47,204)	<u>-</u>	(781,984)	(20,230)	92,586
Total	\$4,071,512	\$(69,006)	\$(411,348)	\$(2,465,812)	\$(2,236,787)	\$(1,111,441)

Sensitivity of insurance risk

(A) Cathay Century

The impact to profit and loss when the expected loss ratio increases 5%

			the expected loss ratio merea	
	Premium	Expected loss	Before	After
Insurance type	income	ratio	reinsurance	reinsurance
Fire insurance	\$2,273,841	20.18%	\$(113,692)	\$(56,090)
Marine insurance	408,436	44.47%	(20,422)	(6,907)
Land and air insurance	6,123,685	65.15%	(306,184)	(287,594)
Liability insurance	892,680	55.27%	(44,634)	(27,270)
Bonding insurance	129,985	91.31%	(6,499)	(588)
Other property insurance	408,224	43.65%	(20,411)	(15,039)
Accident insurance	2,272,695	41.35%	(113,635)	(103,293)
Health insurance	221,289	60.88%	(11,065)	(11,016)
Compulsory automobile				
liability insurance	2,237,896	N/A	N/A	N/A

The chart above shows that with every 5% increase of the expected loss rate of every insurance contract of Cathay Century, certain influence will be imposed upon revenue; however, the influence has been mitigated through the arrangement of reinsurance to obtain the effect of risk diversification.

(B) Cathay Insurance (Vietnam)

Changes in income when the expected loss ratio increases 5%

	Premium	Expected loss	Before	After	
	income	ratio	reinsurance	reinsurance	
Automobile insurance	\$65,813	61.20%	\$(3,291)	\$(3,291)	
flood insurance	6,131	28.00%	(306)	(63)	
Fire insurance	95,678	180.20%	(4,784)	(1,287)	
Engineering insurance	5,270	175.60%	(263)	-	
Accident insurance	15,552	30.60%	(778)	(778)	
Liability insurance	1,053	53.30%	(53)	(16)	

The chart above shows that with every 5% increase of the expected loss ratio of every insurance contract of Cathay Insurance (Vietnam), certain influence will be imposed upon revenue; however, the influence has been mitigated through the arrangement of reinsurance to obtain the effect of risk diversification.

Concentration Risk

(A) Cathay Century

- a. Situations that might cause concentration of insurance risk:
 - (a) Single insurance contract or few related contracts

For the nine-month period ended 30 September 2017, Cathay Century will undertake a business with infrequent but enormous losses only if all risks are evaluated by the underwriting department based on underwriting guidelines, or are discussed by an ad hoc meeting.

(b) Exposure to unanticipated change in trend

As of the nine -month period ended 30 September 2017, Cathay Century has not yet had exposures resulting from unanticipated changes in trend.

(c) Material lawsuit or legal risks that could lead to huge losses in a single contract or have a broad effect on several contracts.

"Regulations for Assisting Lawsuit Cases of Cathay Century Insurance" is set up to safeguard the rights of Cathay Century and the insureds and to implement process control of lawsuit cases of insurance claim. In addition, each compliance department of Cathay Century will appoint staff to be responsible for compliance matters, so that possible legal risk is minimized. As of the nine-month period ended 30 September 2017, no material lawsuit or legal risks has taken place.

(d) Correlation and mutual influence between different risks

In case of a catastrophe, in addition to huge sum of claim of the insured case, other risks such as market risk, credit risk, liquidity risk, can also be derived. To avoid the operation of Cathay Century being severely damaged by these derived risks, Cathay Century has established "Operation Standards Under Crisis" that set up a crisis task force team to respond to the event. The team will undertake urgent tasks such as resources coordination and fund procurement to protect the rights of the insureds and Cathay Century and maintaining financial order. As of the nine-month period ended 30 September 2017, no catastrophe has taken place.

(e) When a certain key variable has approached a significantly non-linear level that could dramatically influence its future cash flow

Since the third stage of liberalization of property insurance fee took effect, Cathay Century has conducted regular fee reviews on car insurance, fire insurance, and residential fire insurance in accordance with the regulation. Fees will be raised when actual loss rate exceeds expected loss rate by a certain percentage to avoid further losses. In addition, from time to time the related departments would observe the change in trend for loss rates of different product categories and adjust pricing and coverage in a timely manner to effectively lower insurance risk.

Cathay Century also monitors changes in VAR in its investment positions on a regular basis and performs cash flow analysis, supplemented by stress testing, to control and manage the impact from fluctuations of major risk factors.

In addition, Cathay Century implements stress tests for overall operation every year, assesses the impact of assets and the extreme scenario of insurance risk on the financial position of the Cathay Century, and learns about the major risk factors to adjust the response in advance.

(f) Concentration risks in geographic regions and operating segments

Cathay Century's catastrophe policies for earthquakes and floods concentrated in the areas of Taipei, Taoyuan, Hsinchu, Chiayi, Tainan, Kaohsiung and Pingtung.

b. The following table summarizes the concentration risk of Cathay Century before and after reinsurance by types of insurance:

	2017.7.1 ~ 2017.9.30						
	Direct Written	Reinsurance					
	premiums	premium	Premiums ceded	Net premiums			
Insurance type	income	income	to reinsurers	income	%		
Fire insurance	\$631,896	\$73,707	\$373,681	\$331,922	8.12%		
Marine insurance	109,852	9,991	59,756	60,087	1.47%		
Land and air insurance	2,004,568	3,949	77,054	1,931,463	47.23%		
Liability insurance	319,173	740	114,006	205,907	5.04%		
Bonding insurance	31,850	445	25,043	7,252	0.18%		
Other property insurance	134,727	38,448	88,712	84,463	2.07%		
Accident insurance	782,243	2,954	53,969	731,228	17.88%		
Health insurance	82,418	3,099	-	85,517	2.09%		
Compulsory automobile							
liability insurance	772,219	207,365	328,072	651,512	15.93%		
Total	\$4,868,946	\$340,698	\$1,120,293	\$4,089,351	100.00%		

		2017.1.1 ~ 2017.9.30						
	Direct Written	Reinsurance						
	premiums	premium	Premiums ceded	Net premiums				
Insurance type	income	income	to reinsurers	income	%			
Fire insurance	\$2,273,841	\$192,183	\$1,463,683	\$1,002,341	8.24%			
Marine insurance	408,436	28,022	271,312	165,146	1.36%			
Land and air insurance	6,123,685	3,899	234,902	5,892,682	48.46%			
Liability insurance	892,680	1,087	307,624	586,143	4.82%			
Bonding insurance	129,985	1,163	100,068	31,080	0.26%			
Other property insurance	408,224	71,513	216,798	262,939	2.16%			
Accident insurance	2,272,695	6,744	182,197	2,097,242	17.25%			
Health insurance	221,289	12,180	-	233,469	1.92%			
Compulsory automobile								
liability insurance	2,237,896	578,511	927,686	1,888,721	15.53%			
Total	\$14,968,731	\$895,302	\$3,704,270	\$12,159,763	100.00%			

c. Disclosure of the prior management performances in the risks, that had huge effect but relative low occurrence frequency helped financial statement users to evaluate the uncertainty of this risk related cash flow.

Catastrophes such as earthquake, typhoon, and flood, will bring tremendous insurance risk to property insurance business.

In order to control risks that have low frequency of occurrences yet with high impact, Cathay Century will assess the risks involving natural disasters and special subject matter insured (such as privately-owned power plant and bridge constructions), and hold loss prevention seminars regularly to help customers reduce the number of incidences.

(B) Cathay Insurance (Vietnam) Ltd.

- a. Situations that might cause concentration of insurance risk:
 - (a) Single insurance contract or few related contracts

For the nine-month period ended 30 September 2017, Cathay Insurance (Vietnam) will undertake a business with infrequent but enormous losses only if all risks are evaluated by the underwriting department based on underwriting guidelines, or are discussed by an ad hoc meeting.

(b) Exposure to unanticipated change in trend

For the nine-month period ended 30 September 2017, the loss rates of the rest insurance categories are still within reasonable range.

(c) Material lawsuit or legal risks that could lead to huge losses in a single contract or have a broad effect on several contracts.

"THE PROCEDURE FOR SUBROGATION" and "THE PROCEDURE FOR SUBROGATION" is set up to safeguard the rights of Cathay Insurance (Vietnam) and the insured and to implement process control of lawsuit cases of insurance claim. In addition, each compliance department of Cathay Insurance (Vietnam) will appoint staff to be responsible of compliance matters, so that possible legal risk is minimized. For the nine-month period ended 30 September 2017, no material lawsuit or legal risks has taken place.

(d) Correlation and mutual influence between different risks

In case of a catastrophe, beside huge sum of claim of the insured case, other risks such as market risk, credit risk, liquidity risk, can also be derived. To avoid the operation of Cathay Insurance (Vietnam) being severely endangered by these derived risks, Cathay Insurance (Vietnam) has established "Points for Handling Major Events of Cathay Insurance (Vietnam)" that set up crisis team in reaction to the event. The team will execute emergent tasks such as resource coordination and fund procurement to protect the rights of the insured and Cathay Insurance (Vietnam) and to guard financial order. For the nine-month period ended 30 September 2017, there is no catastrophe has taken place.

(e) Concentration risks in geographic regions and operating segments

Cathay Insurance (Vietnam)'s catastrophe insurance for earthquakes and floods are centralized in the areas of Ho Chi Minh City \ Tinh Dong Nai and Tinh Ha Tinh.

b. The following table summarizes the concentration risk of Cathay Insurance (Vietnam) before and after reinsurance by types of insurance:

	For	the three-month p	period ended 30 Se	eptember 2017	
	Direct premium Reinsurance Premiums ceded Net pre				
Insurance type	income	premium income	to reinsurers	income	%
Automobile insurance	\$26,971	\$69	\$1	\$27,039	73.25%
flood insurance	2,261	-	1,625	636	1.72%
Fire insurance	23,528	1,400	20,992	3,936	10.66%
Engineering insurance	1,066	-	661	405	1.10%
Accident insurance	4,862	-	-	4,862	13.17%
Liability insurance	95	-	58	37	0.10%
Total	\$58,783	\$1,469	\$23,337	\$36,915	100.00%

	For	For the nine-month period ended 30 September 2017						
	Direct premium Reinsurance Premiums ceded		Net premium					
Insurance type	income	premium income	to reinsurers	income	%			
Automobile insurance	\$65,813	\$103	\$49	\$65,867	69.10%			
flood insurance	6,131	-	4,380	1,751	1.84%			
Fire insurance	95,678	2,197	87,123	10,752	11.28%			
Engineering insurance	5,269	-	4,248	1,021	1.07%			
Accident insurance	15,552	-	-	15,552	16.32%			
Liability insurance	1,054	-	682	372	0.39%			
Total	\$189,497	\$2,300	\$96,482	\$95,315	100.00%			

c. Disclosure of the prior management performance of the risks that, have made huge impact but relative low occurrence frequency, would help financial statement users to evaluate the uncertainty of this risk related cash flow.

Catastrophes such as typhoon and flood, will bring tremendous insurance risk to property insurance business. To control infrequent risk that impacts significantly, Cathay Insurance (Vietnam) assess risk of natural disasters and specially covered item. Cathay Insurance (Vietnam) also holds loss prevention seminars regularly to help customers reduce the incidence rate of disasters.

Claim development table

(A) Cathay Century

		2011.10.1-	2012.10.1-	2013.10.1-	2014.10.1-	2015.10.1-	2016.10.1-	
Underwriting Year	-2011.9.30	2012.9.30	2013.9.30	2014.9.30	2015.9.30	2016.9.30	2017.9.30	Total
Estimate of cumulative claims incurred:								
At end of underwriting year	\$12,662,713	\$4,851,463	\$5,576,672	\$6,483,154	\$7,170,324	\$11,311,543	\$8,150,997	
One year later	14,579,295	5,603,829	5,804,078	6,675,204	7,200,409	11,463,934		
Two year later	14,886,948	5,722,516	5,725,506	7,098,571	7,202,587			
Three year later	15,209,664	5,735,543	5,879,936	7,173,282				
Four year later	15,382,130	5,767,081	5,858,971					
Five year later	15,320,671	5,721,088						
Six year later	15,172,566							
Estimate of cumulative claims incurred	15,172,566	5,721,088	5,858,971	7,173,282	7,202,587	11,463,934	8,150,997	\$60,743,425
Cumulative payment to date	15,127,852	5,705,941	5,771,779	6,848,695	6,825,973	9,508,922	4,648,238	54,437,400
Subtotal	44,714	15,147	87,192	324,587	376,614	1,955,012	3,502,759	6,306,025
Reconciliation							112,481	112,481
Recorded in balance sheet	\$44,714	\$15,147	\$87,192	\$324,587	\$376,614	\$1,955,012	\$3,615,240	\$6,418,506

Note: The upper part of this chart is to explain the amount of claim for property insurance of each underwriting year estimated through time. The lower part of this chart is to reconcile the estimates of cumulative claims to the amount recorded in balance sheet.

The chart excluded claim reserve of compulsory automobile liability insurance in the amount of \$1,357,782 thousand and assumed reserve for claims – non-compulsory insurance of \$720,465 thousand from the upper table.

(B) Cathay Century (Vietnam)

Historical data for Cathay Century (Vietnam)'s loss trends are not available. Cathay Century (Vietnam) has adopted the suggestion from the Vietnamese Ministry of Finance 2842/BTC/QLBH for loss reserving method with incurred but not reported claims, which is calculated at a rate of 5% of its annual retained premiums.

7. Related party transactions

(1) Related parties

Name	Relationship
Cathay Life	Subsidiary of the Company
Cathay United Bank	<i>"</i>
Cathay Century	<i>"</i>
Cathay Securities	"
Cathay Venture	″
Cathay Securities Investment Trust	"
Cathay Lujiazui Life Insurance Company Limited	<i>"</i>
Cathay Life (Vietnam)	"
Cathay Insurance (Bermuda)	<i>"</i>
Conning Asia Pacific Ltd.	"
Cathay Securities Investment Consulting Co., Ltd.	"
Lin Yuan (Shanghai) Real Estate Co., Ltd	"
Cathay Insurance (Vietnam) Co., Ltd.	"
Indovina Bank Limited (Vietnam)	<i>"</i>
Cathay Futures Co., Ltd.	"
Cathay Securities (Hong Kong) Limited	"
Cathay Century (China)	Associate
Taiwan Real-estate Management Corp.	<i>"</i>
Symphox Information Co., Ltd.	"
Tien-Tai Energy Corp.	H

Name	Relationship
Seaward Card Co., Ltd.	Other related party(Note)
Vietinbank	″
Cathay Dragon Fund etc.	<i>"</i>
Lin Yuan Property Management Co., Ltd.	<i>"</i>
Cathay Medical Care Corporate	<i>"</i>
Cathay Real Estate Development Co., Ltd.	<i>"</i>
San Ching Engineering Co., Ltd.	//
Cathay Healthcare Management Co., Ltd.	//
Cathay Hospitality Management Co., Ltd.	//
Liang-Ting Co., Ltd.	//
Ally Logistic Property	<i>"</i>
Charity Foundation of Cathay Life	<i>"</i>
Cathay Cultural Foundation	<i>"</i>
Cathay United Bank Culture and Charity Foundation.	<i>"</i>
Others	<i>"</i>

Note: Cathay United Bank sold Seaward Card Co., Ltd. to Symphox Information Co., Ltd, a related party, on 21 July 2017, therefore, the relationship between the Company and the Group changed from a subsidiary to a related party.

(2) Significant transactions with related parties:

A. Cash and cash equivalent

(A) Due from commercial banks

		Ending balance					
Name	•	2017.9.30	2016.12.31	2016.9.30			
Other related party							
Vietinbank		\$5,424,476	\$6,162,462	\$5,728,824			
	•						
		Interest income					
	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~			
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30			
Other related party							
Vietinbank	\$1,256	\$18,201	\$5,121	\$32,612			

(B) Due to commercial banks

	Ending balance					
Name	2017.9.30	2016.12.31	2016.9.30			
Other related party						
Vietinbank	\$5,411,864	\$5,849,798	\$5,719,543			

<u>-</u>	Interest expense				
	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~	
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30	
Other related party					
Vietinbank	\$1,396	\$4,585	\$4,169	\$5,115	
B. Financial assets at fair value	ue through profi	it or loss			
Name		2017.9.30	2016.12.31	2016.9.30	
Other related party					
Cathay Dragon Fund etc.	-	\$192,006	\$116,221	\$215,034	
C. Receivables					
Name		2017.9.30	2016.12.31	2016.9.30	
Other related party					
San Ching Engineering Co	o., Ltd.	\$5	\$6	\$3,650	
Cathay Dragon Fund etc.		126,721	111,523	113,267	
Total		\$126,726	\$111,529	\$116,917	
D. Reinsurance assets					
Name		2017.9.30	2016.12.31	2016.9.30	
Subsidiary					
Cathay Insurance (Bermuc	la)	\$13,316	\$13,245	\$8,391	
E. Loans					
			Ending balance		
Name		2017.9.30	2016.12.31	2016.9.30	
Associate					
Taiwan Real-estate Manag	gement Corp.	\$32,000	\$35,000	\$35,000	
Tien-Tai Energy Corp.		89,855	96,131	98,223	
Other related party					
Cathay Real Estate Develo	opment Co.,				
Ltd.		-	-	10,000	
Liang-Ting Co., Ltd.		-	28,225	28,561	
Others		2,252,586	2,428,685	2,362,938	
Total	_	\$2,374,441	\$2,588,041	\$2,534,722	

	Interest income					
	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~		
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30		
Associate						
Taiwan Real-estate Management Corp.	\$157	\$90	\$468	\$105		
Tien-Tai Energy Corp.	732	806	2,221	2,501		
Other related party						
Cathay Real Estate Development						
Co., Ltd.	34	2	36	14		
Liang-Ting Co., Ltd.	38	157	272	563		
Others	7,166	10,174	26,719	30,730		
Total	\$8,127	\$11,229	\$29,716	\$33,913		

F. Available-for-sale financial assets

Name	2017.9.30	2016.12.31	2016.9.30
Other related party			
Cathay Dragon Fund etc.	\$447,453	\$572,783	\$525,560
Cathay Healthcare Management Co., Ltd.	91,410	87,285	68,148
Total	\$538,863	\$660,068	\$593,708

G. Deposit

	Ending balance				
Name	2017.9.30	2016.12.31	2016.9.30		
Subsidiary					
Cathay Securities Investment Consulting					
Co., Ltd.	\$106,624	\$101,398	\$70,662		
Associate					
Symphox Information Co., Ltd.	110,208	94,865	85,837		
Other related party					
Cathay Real Estate Development Co., Ltd.	169,568	466,369	260,475		
Cathay Dragon Fund etc.	14,320	21,461	198,427		
Cathay Hospitality Management Co., Ltd.	12,521	3,018	2,495		
Others	12,236,801	12,897,581	13,743,454		
Total	\$12,650,042	\$13,584,692	\$14,361,350		

	Interest expense					
	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~		
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30		
Subsidiary						
Cathay Securities Investment						
Consulting Co., Ltd.	\$130	\$121	\$425	\$447		
Associate						
Symphox Information Co., Ltd.	148	148	431	686		
Other related party						
Cathay Real Estate Development Co.,						
Ltd.	9	13	34	48		
Cathay Dragon Fund etc.	1	-	1	1		
Cathay Hospitality Management Co.,						
Ltd.	4	1	20	22		
Others	19,278	24,406	69,774	81,785		
Total	\$19,570	\$24,689	\$70,685	\$82,989		

H. Property transactions

(A) Cathay Life and its subsidiaries' significant transactions of undertaking contracted projects with related parties are listed below:

	2017.1.1~2017.9.30	
Name	Item	Amount
Other related party		
Lin Yuan Property Management Co., Ltd.	Cathay Land Mark, etc.	\$9,127
San Ching Engineering Co., Ltd.	THSR Taoyuan Commercial Park, etc.	85,783
Cathay Real Estate Development Co., Ltd.	Minsheng Jingguo Building, etc.	1,016,330
Ally Logistic Property	Jui-Fang Logistic Park, etc.	787,033
	Total	\$1,898,273
	2016.1.1~2016.9.3	30
Name	Item	Amount
Other related party		
Lin Yuan Property Management Co., Ltd.	Dunnan Xinyi Building, etc.	\$29,035
San Ching Engineering Co., Ltd.	Cathay Land Mark, etc.	437,567
Cathay Real Estate Development Co., Ltd.	Minsheng Jingguo Building, etc.	322,203
Ally Logistic Property	Jui-Fang Logistic Park, etc.	1,129,862
	Total	\$1,918,667

The total amounts of the real estate projects contracted as of 30 September 2017, 31 December 2016 and 30 September 2016 between Cathay Life and its subsidiaries and Lin Yuan Property Management Co., Ltd. were \$0 thousand, \$17,252 thousand and \$17,252 thousand, respectively.

The total amounts of the real estate projects contracted as of 30 September 2017, 31 December 2016 and 30 September 2016 between Cathay Life and its subsidiaries and San Ching Engineering Co., Ltd. were \$1,853,190 thousand, \$1,853,332 thousand and \$1,853,332 thousand, respectively.

The total amounts of the real estate projects contracted as of 30 September 2017, 31 December 2016 and 30 September 2016 between Cathay Life and its subsidiaries and Cathay Real Estate Development Co., Ltd. were \$1,742,250 thousand, \$1,742,250 thousand and \$1,742,250 thousand, respectively.

The total amounts of the real estate projects contracted as of 30 September 2017, 31 December 2016 and 30 September 2016 between Cathay Life and its subsidiaries and Ally Logistic Property were \$3,383,783 thousand, \$3,383,783 thousand, respectively.

(B) Real estate rental income from Cathay Life and its subsidiaries:

	Rental income					
	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~		
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30		
Subsidiary						
Cathay Securities Investment						
Consulting Co., Ltd.	\$2,225	\$2,276	\$6,675	\$6,730		
Associate						
Symphox Information Co., Ltd.	7,380	9,219	27,370	26,483		
Cathay Century (China)	6,848	4,748	20,259	14,755		
Other related party						
Cathay Real Estate						
Development Co., Ltd.	4,142	4,485	14,443	12,931		
San Ching Engineering Co.,						
Ltd.	1,402	1,402	4,207	4,207		
Cathay Medical Care Corporate	11,671	11,442	104,201	101,486		
Cathay Healthcare Management						
Co., Ltd.	14,008	14,068	42,023	41,623		
Cathay Hospitality						
Management Co., Ltd.	56,521	51,933	168,683	152,963		
Ally Logistic Property	94,427	46,360	225,668	110,985		
Total	\$198,624	\$145,933	\$613,529	\$472,163		

_	Guarantee deposits received				
Name	2017.9.30	2016.12.31	2016.9.30		
Subsidiary					
Cathay Securities Investment					
Consulting Co., Ltd.	\$2,089	\$4,108	\$4,108		
Associate					
Symphox Information Co., Ltd.	10,324	9,617	8,870		
Cathay Century (China)	7,148	7,282	5,278		
Other related party					
Cathay Real Estate					
Development Co., Ltd.	3,686	3,998	3,998		
Cathay Medical Care Corporate	10,844	10,801	10,655		
Cathay Healthcare Management					
Co., Ltd.	13,157	13,157	12,775		
Cathay Hospitality					
Management Co., Ltd.	216,557	214,825	214,437		
Ally Logistic Property	55,669	55,649	55,649		
Total	\$319,474	\$319,437	\$315,770		

According to contracts, the lease terms are usually between 2 to 5 years and rental incomes are collected on a monthly basis.

(C) Real estate rental expense from Cathay Life and its subsidiaries:

	Rental expense					
	2017.7.1~ 2016.7.1~ 2017.1.1~ 2016.1.1~					
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30		
Other related party						
Cathay Real Estate Development						
Co., Ltd.	\$1,853	\$1,853	\$5,559	\$5,559		

According to contracts, lease terms are usually between 1 to 2 years and rental incomes are collected on a monthly basis.

(D) Real estate rental income from Cathay United Bank:

	Rental income			
	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Other related party				
Cathay United Bank Culture and				
Charity Foundation.	\$1,158	\$1,158	\$3,474	\$3,474

The rental period and the rent collection methods are made in accordance with the lease contract. The main collection method is on a monthly basis and the general term is 1 to 3 years.

(E) Real estate rental expense from Cathay United Bank:

	Rental expense				
	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~	
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30	
Other related party					
Cathay Real Estate Development					
Co., Ltd.	\$5,077	\$5,316	\$15,072	\$15,959	
		Guarantee d	leposits paid		
Name	2017.9.30	2016.	12.31	2016.9.30	
Other related party					
Cathay Real Estate Development					
Co., Ltd.	\$4,5	49	\$4,605	\$4,605	

According to contracts, the lease terms are usually between 2 to 5 years and rental incomes are collected on a monthly basis.

I. Guarantee deposits received

Name	2017.9.30	2016.12.31	2016.9.30
Other related party			
Lin Yuan Property Management			
Co., Ltd.	\$5,000	\$5,000	\$5,000
San Ching Engineering Co., Ltd.	661,181	297,261	297,433
Cathay Hospitality Management			
Co., Ltd.	120,257	120,257	120,257
Ally Logistic Property	374,074	382,618	382,618
Total	\$1,160,512	\$805,136	\$805,308
, , ,			

J. Futures traders' equity

Name	2017.9.30	2016.12.31	2016.9.30
Other related party			
Cathay Dragon Fund etc.	\$91,959	\$180,621	\$96,480

K. Payables

Name	2017.9.30	2016.12.31	2016.9.30
Subsidiary			
Cathay Insurance (Bermuda)	11,197	\$-	\$-
Associate			
Symphox Information Co., Ltd.	216,854	109,726	99,050
Other related party			
Seaward Card Co., Ltd.	\$23,003	\$23,361	\$23,730
Lin Yuan Property Management			
Co., Ltd.	19,734	1,290	47,965
Total	\$270,788	\$134,377	\$170,745

L. Investment balance of related parties' discretionary investment

Name	2017.9.30	2016.12.31	2016.9.30
Other related party			
Charity Foundation of Cathay Life	\$70,707	\$63,161	\$65,101
Cathay Cultural Foundation	51,189	47,680	51,755
Total	\$121,896	\$110,841	\$116,856

M. Net commission and handling fee

(A) Handling fee income

	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Subsidiary				
Cathay Securities Investment				
Consulting Co., Ltd.	\$4,114	\$4,793	\$13,189	\$13,483
Other related party				
Cathay Real Estate				
Development Co., Ltd.	1,032	758	3,407	2,419
Total	\$5,146	\$5,551	\$16,596	\$15,902

(B) Reinsurance service expense

	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Subsidiary				
Cathay Insurance (Bermuda)	\$1,827	\$1,777	\$6,750	\$7,242

N. Net premiums from insurance business

(A) Insurance income

	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Other related party				
Cathay Real Estate				
Development Co., Ltd.	\$2,177	\$2,164	\$4,498	\$5,221
Cathay Medical Care Corporate	13,754	13,655	35,653	34,944
San Ching Engineering Co.,				
Ltd.	6,386	4,476	7,048	4,476
Others	61,673	64,598	204,423	151,192
Total	\$83,990	\$84,893	\$251,622	\$195,833

(B) Reinsurance income

	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Subsidiary				
Cathay Insurance (Bermuda)	\$32,757	\$31,581	\$95,271	\$98,255

On 1 April 2000, Cathay Insurance (Bermuda) engaged in the reinsurance business providing reinsurance for RGA Global Reinsurance Company and Central Reinsurance Corporation's accidental insurance. For the nine-month periods ended 30 September 2017 and 2016, Cathay Life assumed 90% of the reinsurance business from Cathay Insurance (Bermuda).

(C) Reinsurance claims payment

	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Subsidiary				
Cathay Insurance (Bermuda)	\$38,145	\$20,735	\$62,732	\$104,953

O. Net other non-interest income

(A) Management fee income

	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Other related party				
Cathay Dragon Fund etc.	\$367,188	\$335,466	\$1,031,494	\$937,653

(B) Other income

	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Other related party				
Cathay Healthcare Management Co.,				
Ltd.	\$799	\$798	\$3,195	\$3,180
			-	-
P. Operating expenses				
	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Subsidiary				
Cathay Securities Investment				
Consulting Co., Ltd.	\$-	\$8,750	\$-	\$26,250
Associate				
Symphox Information Co., Ltd.	210,894	190,509	739,112	643,362
Other related party				
Seaward Card Co., Ltd.	85,795	69,487	238,711	222,735
Cathay Real Estate Development				
Co., Ltd.	2,341	3,043	8,025	8,980
Lin Yuan Property Management				
Co., Ltd.	199,316	187,741	597,593	568,867
Cathay Healthcare Management				
Co., Ltd.	15,322	7,143	30,455	15,921
Cathay Medical Care Corporate	1,489	546	2,830	7,266
Charity Foundation of Cathay Life			5,550	5,703
Total	\$515,157	\$467,219	\$1,622,276	\$1,499,084

Q. Key management personnel compensation

	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Short-term employee benefits	\$152,659	\$148,300	\$560,736	\$561,540
Post-employment pension	4,014	4,134	12,112	11,865
Other long-term employee benefits	-	-	45	96
Repatriation benefits				
Total	\$156,673	\$152,434	\$572,893	\$573,501

The key management personnel of the Group include chairman, directors, supervisors, and vice general managers.

(3) The Company

Significant intercompany transactions within the Group have been eliminated upon consolidation.

A. Cash in bank

		Ending balance				
Name	Item	2017.9.30	2016.12.31	2016.9.30		
Subsidiary						
Cathay United Bank	Cash in bank	\$341,350	\$198,101	\$176,649		

Interest income from Cathay United Bank for three-month and nine-month periods ended 30 September 2017 and 2016 were \$87 thousand, \$73 thousand, \$214 thousand, and \$370 thousand, respectively.

B. Receivables

Name	Item	2017.9.30	2016.12.31	2016.9.30
Subsidiaries				
Cathay Life	Receivables due to consolidated			
	income tax, interest and			
	dividends receivable	\$2,606,044	\$158,410	\$286,727
Cathay Century	Receivables due to consolidated			
	income tax, interest and			
	dividends receivable	148,709	307,399	248,153
Cathay United Bank	Receivables due to consolidated			
	income tax and dividends			
	receivable	-	263,299	-
	Receivables due to consolidated			
Cathay Securities	income tax	36,310	4,562	1,053
Cathay Securities	Receivables due to consolidated			
Investment Trust	income tax and dividends			
	receivable	38,575	61,790	46,740
Cathay Venture	Receivables due to consolidated			
	income tax	6,177		
	Total	\$2,835,815	\$795,460	\$582,673

C. Guarantee deposits paid

Name	2017.9.30	2016.12.31	2016.9.30
Subsidiary			
Cathay Life	\$12,588	\$10,086	\$8,046

D. Held-to-maturity financial asset

Na	me	2017.9.30)	2016	.12.31	2	016.9.30
Subsidiaries	_						
Cathay Life		\$40,000,0	000	\$40,	000,000	\$	515,000,000
Cathay Century		1,000,0	000	1,	000,000		1,000,000
Total		\$41,000,0	000	\$41,	000,000	\$	516,000,000
E. Payables							
Name	Item	2017.9.30)	2016	.12.31	2	016.9.30
Subsidiaries							_
Cathay Life	Payable due to						
	consolidated						
	income tax		\$-	\$4,	953,921		\$311,265
Cathay Venture	Payable due to						
	consolidated						
	income tax	1,9	931		5,121		2,912
Cathay United Bar	nk Payable due to						
	consolidated						
	income tax	418,6	589				316,075
Total		\$420,6	520	\$4,	959,042		\$630,252
F. Bonds payable							
Na	me	2017.9.30	7.9.30 2016.12.31		.12.31	2	016.9.30
Subsidiary							
Cathay Life			\$-		\$-		\$100,000
G. Interest income							
		2017.7.1~	201	6.7.1~	2017.1.	1~	2016.1.1~
Na	me	2017.9.30	201	6.9.30	2017.9.	30	2016.9.30
Subsidiary							
Cathay Life		\$341,030	\$9	96,273	\$1,011,9	70	\$286,727
Cathay Century		4,688	·	4,676	13,9	12	13,925
Total		\$345,718	\$10	00,949	\$1,025,8	82	\$300,652

H. Operating expenses

	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Subsidiary				
Cathay Life	\$15,907	\$9,792	\$43,594	\$31,047

(4) Subsidiaries' significant transactions with related parties that are more than \$100 million:

Significant intercompany transactions within the Group have been eliminated upon consolidation.

A. Cathay Life and its subsidiaries

(A) Cash in banks

Name	Item	2017.9.30	2016.12.31	2016.9.30
Subsidiaries				
Cathay United Bank	Time deposit	\$2,078,763	\$2,069,040	\$98,580
	Cash in bank	18,817,660	24,375,191	16,165,228
	Check deposit	305,062	443,860	501,585
	Security deposit	6	6	6
Indovina Bank	Cash in bank	4,470	33,928	24,986
	Time deposit	13,340	21,270	
Total	_	\$21,219,301	\$26,943,295	\$16,790,385

Interest income from Cathay United Bank for the three-month and nine-month periods ended 30 September 2017 and 2016, were \$8,049 thousand, \$4,254 thousand, \$19,920 thousand, and \$14,446 thousand, respectively.

Interest income from Indovina Bank for the three-month and nine-month periods ended 30 September 2017 and 2016 were \$984 thousand, \$63 thousand, \$1,236 thousand, and \$230 thousand, respectively.

As of 30 September 2017, 31 December 2016 and 30 September 2016, time deposit pledged were \$3,000 thousand, \$4,482 thousand and \$4,482 thousand, respectively.

(B) Investments in debt securities with no active market

Name	2017.9.30	2016.12.31	2016.9.30
The Company			
Cathay Financial Holding	\$-	\$-	\$100,000
(C) Other receivables			
Name	2017.9.30	2016.12.31	2016.9.30
The Company			
Cathay Financial Holding (Note)	\$-	\$4,953,921	\$311,265
Subsidiary			
Cathay Century	76,088	152,623	273,761

Note: Receivables are refundable tax under the consolidated income tax system.

\$76,088

\$5,106,544

\$585,026

(D) Secured loans

Total

	2017.1.1~2017.9.30				
	Maximum				
Name	amount	Rate	Ending balance		
Other related party					
Others	\$967,122	1.03%~3.44%	\$911,729		
	2	016.1.1~2016.9.3	30		
	Maximum				
Name	amount	Rate	Ending balance		
Other related party					
Others	\$1,054,532	1.11%~3.53%	\$988,800		

Interest income from others related parties for three-month and nine-month periods ended 30 September 2017 and 2016 were \$2,913 thousand, \$4,187 thousand, \$10,778 thousand and \$12,185 thousand, respectively.

(E) Available-for-sale financial assets

	Name	2017.9.30	2016.12.31	2016.9.30
	Subsidiary			
	Cathay Dragon Fund etc.	\$-	\$101,392	\$100,084
(F)	Investment balance of related parties	'discretionary in	nvestment	
	Name	2017.9.30	2016.12.31	2016.9.30
	Subsidiary			
	Cathay Securities Investment Trust	\$237,825,023	\$183,588,745	\$192,982,915
(G)	Guarantee deposits paid			
	Name	2017.9.30	2016.12.31	2016.9.30
	Subsidiary			
	Cathay Futures	\$1,508,463	\$1,200,485	\$2,046,686

The guarantee deposits are futures margins of Cathay Futures Co., Ltd. The imputed interest income of guarantee deposit paid from Cathay Futures Co., Ltd. for the three-month and nine-month periods ended 30 September 2017 and 2016 were \$278 thousand, \$446 thousand, \$734 thousand, and \$1,432 thousand respectively.

(H) Other payables

Name	2017.9.30	2016.12.31	2016.9.30
The Company			
Cathay Financial Holding (Note)	\$2,606,044	\$158,410	\$286,727
Subsidiary			
Cathay United Bank	365,870	549,934	384,193
Total	\$2,971,914	\$708,344	\$670,920

Note: including tax payable under the consolidated income tax system, dividend payable and interest payable accrued from bond and preferred stock liability.

(I) Preferred stock liability

Name	2017.9.30	2016.12.31	2016.9.30
The Company			
Cathay Financial Holding	\$5,000,000	\$5,000,000	\$15,000,000

(J) Bonds payable

Name	2017.9.30	2016.12.31	2016.9.30
The Company			
Cathay Financial Holding	\$35,000,000	\$35,000,000	\$-

(K) Property transactions

Property transactions between Cathay Life and related parties are in the nature of undertaking contracted projects, trade, and lease transactions. The terms of such transactions are based on market surveys, the contracted terms of both parties and public bidding.

Real estate contracted projects of Cathay Life and its subsidiaries:

	2017.1.1~2017.9	.30		
Name	Item	Amount		
Other related party				
San Ching Engineering Co., Ltd.	THSR Taoyuan			
	Commercial Park, etc.	\$85,783		
Cathay Real Estate Development Co., Ltd.	Minsheng Jingguo			
	Building, etc.	1,016,330		
Ally Logistic Property	Jui-Fang Logistic Park, etc			
	Total	\$1,889,146		
	2016.1.1~2016.9	.30		
Name	Item	Amount		
Other related party				
San Ching Engineering Co., Ltd.	. Cathay Land Mark, etc.			
Cathay Real Estate Development Co., Ltd.	Minsheng Jingguo			
	Building, etc.	322,203		
Ally Logistic Property	Jui-Fang Logistic Park, etc	1,129,862		
	Total	\$1,889,632		
	<u>-</u>			

The total amounts of the real estate projects contracted as of 30 September 2017, 31 December 2016 and 30 September 2016 between Cathay Life and San Ching Engineering Co., Ltd. were \$1,853,190 thousand, \$1,853,332 thousand and \$1,853,332 thousand, respectively.

The total amounts of the real estate projects contracted as of 30 September 2017, 31 December 2016 and 30 September 2016 between Cathay Life and its subsidiaries and Cathay Real Estate Development Co., Ltd. were \$1,742,250 thousand, \$1,742,250 thousand and \$1,742,250 thousand, respectively.

The total amounts of the real estate projects contracted as of 30 September 2017, 31 December 2016 and 30 September 2016 between Cathay Life and Ally Logistic Property were \$3,383,783 thousand, \$3,383,783 thousand and \$3,383,783 thousand, respectively.

(L) Rental income

		2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
Name	Item	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Subsidiary					
Cathay United Bank	Real-estate rental income	\$157,952	\$129,564	\$424,747	\$350,831
Other related party					
Cathay Medical Care					
Corporate	Real-estate rental income	11,671	11,442	104,201	101,486
Cathay Hospitality					
Management Co., Ltd.	. Real-estate rental income	56,521	51,933	168,683	152,963
Ally Logistic Property	Real-estate rental income	94,427	46,360	225,668	110,985
Total		\$320,571	\$239,299	\$923,299	\$716,265

According to contracts, the lease terms are usually between 2 to 5 years and rental incomes are collected on a monthly basis.

(M) Guarantee deposits paid

Name	2017.9.30	2016.12.31	2016.9.30
Subsidiary			
Cathay United Bank	\$157,730	\$157,492	\$157,440
Other related party			
San Ching Engineering Co., Ltd.	661,181	297,261	297,433
Cathay Hospitality Management			
Co., Ltd.	336,814	335,082	334,694
Ally Logistic Property	429,743	438,267	438,267
Total	\$1,585,468	\$1,228,102	\$1,227,834

(N) Miscellaneous income

	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Subsidiary				
Cathay Century	\$157,536	\$315,248	\$413,349	\$961,140
Cathay United Bank	40,791	37,772	129,943	113,193
Total	\$198,327	\$353,020	\$543,292	\$1,074,333

Miscellaneous income is mainly generated from Cathay Life's integrated marketing activities.

(O) Insurance expenses

	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Subsidiary				
Cathay Century	\$5,578	\$7,102	\$102,020	\$108,997

(P) Insurance income

	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Other related party				
Others	\$61,673	\$64,598	\$204,423	\$151,192

(Q) Handling fees income

	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Subsidiary				
Cathay Securities				
Investment Trust	\$46,642	\$38,608	\$132,243	\$99,666

(R) Reinsurance claim payments

	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Subsidiary				
Cathay Insurance (Bermuda)	\$38,145	\$20,735	\$62,732	\$104,953

(S) Operating expenses

	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Subsidiary				
Cathay United Bank	\$1,560,714	\$1,948,643	\$5,385,581	\$6,815,976
Associate				
Symphox Information Co.,				
Ltd.	72,201	80,955	228,736	285,560
Other related party				
Lin Yuan Property				
Management Co., Ltd.	196,616	185,417	590,222	561,766
Total	\$1,829,531	\$2,215,015	\$6,204,539	\$7,663,302

(T) Non-operating expenses

	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30
The Company				
Cathay Financial Holding	\$341,030	\$96,273	\$1,011,970	\$286,727

Non-operating expenses are interest expenses accrued from preferred stock liability and corporate bond.

(U) Other disclosures

As of 30 September 2017, 31 December 2016 and 30 September 2016, the nominal amounts (in thousands) of the financial instruments transactions between Cathay Life and Cathay United Bank are summarized below:

Item	2017.9.30		20	2016.12.31		2016.9.30	
CS contracts	USD	2,954,000	USD	3,269,000	USD	3,019,000	

B. Cathay United Bank and its subsidiaries

(A) Loans and deposits

Account/Name	2017.9.30	2016.12.31	2016.9.30
Loans			_
Other related party			
Others	\$1,309,309	\$1,384,358	\$1,337,450

			Endin	g balance	
Account/Name	2017.	9.30	201	6.12.31	2016.9.30
Deposits					
The Company					
Cathay Financial Holding	\$34	1,350	\$	198,101	\$176,649
Subsidiaries					
Cathay Life	21,12	5,058	26,	758,316	16,664,494
Cathay Century	1,43	0,972	1,	400,324	1,424,048
Cathay Securities	3,60	7,694	2,	320,198	2,333,422
Cathay Futures Co., Ltd.	1,18	1,808	1,	364,251	1,591,031
Cathay Venture	11	6,047		36,161	67,465
Cathay Securities Investment Tru	ıst 17	5,604		168,566	173,943
Cathay Life (Vietnam)	1	7,810		55,198	24,986
Cathay Century (Vietnam)	14	1,159		225,719	223,265
Conning Asia Pacific Ltd.	7	6,433		129,781	100,905
Cathay Securities Investment					
Consulting Co., Ltd.	10	6,624		101,398	70,662
Cathay Securities (Hong					
Kong),Ltd		67		74	72
Associate					
Symphox Information Co., Ltd.	11	0,208		94,865	85,837
Other related party					
Cathay Real Estate Development					
Co., Ltd.	16	9,568		466,369	260,475
Cathay Dragon Fund etc.	1	4,320		21,461	198,427
Others	12,23	6,801	12,	897,581	13,743,454
Total	\$40,85	1,523	\$46,	238,363	\$37,139,135
		 :			
_		In	terest	income	
	2017.7.1~	2016.	7.1~	2017.1.1~	2016.1.1~
Account/Name	2017.9.30	2016.9	9.30	2017.9.30	2016.9.30
Loans					
Associate					
Tien-Tai Energy Corp.	\$732	\$	806	\$2,221	\$2,501
Other related party					
Others	4,131	5,	,861	15,611	18,070
Total	\$4,863	\$6,	,667	\$17,832	\$20,571
=					

	Interest expense			
	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
Account /Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Deposits				
The Company				
Cathay Financial Holding	\$87	\$73	\$214	\$370
Subsidiary				
Cathay Life	7,974	4,077	19,754	14,076
Cathay Century	1,797	1,715		5,515
Cathay Securities	1,246	850	3,135	2,969
Cathay Futures Co., Ltd.	1,847	2,980	7,353	12,707
Cathay Venture	13	g	26	42
Cathay Securities Investment				
Trust	56	104	192	391
Cathay Securities Investment				
Consulting Co., Ltd	130	121	425	447
Cathay Life (Vietnam)	984	63	1,236	230
Cathay Century (Vietnam)	3,699	1,085	7,159	6,000
Conning Asia Pacific Ltd.	75	177	166	370
Associate				
Symphox Information Co.,				
Ltd.	148	148	431	686
Other related party				
Cathay Real Estate				
Development Co., Ltd.	9	13	34	48
Cathay Dragon Fund etc.	1	-	. 1	1
Others	19,278	24,406	69,774	81,785
Total	\$37,344	\$35,821	\$115,187	\$125,637
		Enc	ling balance	
Account/Name	2017	.9.30 2	016.12.31	2016.9.30
Call loans to banks				
Other related party				
Vietinbank	\$5,42	24,476	66,162,462	\$5,728,824
Due to commercial banks	, ,			. , ,
Other related party				
Vietinbank	5,41	11,864	5,849,798	5,719,543
		Intere	st income	
	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
Account/Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Call loans to banks				
Other related party				
Vietinbank	\$1,256	\$18,201	\$5,121	\$32,612
Vietinbank Due to commercial banks Other related party Vietinbank Account/Name Call loans to banks Other related party	5,41 2017.7.1~ 2017.9.30	Intere 2016.7.1~ 2016.9.30	st income 2017.1.1~ 2017.9.30	2016.1.1~ 2016.9.30

	Interest expense					
	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~		
Account/Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30		
Due to commercial banks						
Other related party						
Vietinbank	\$1,396	\$4,585	\$4,169	\$5,115		
Cathay United Bank and its subsidiaries' transaction terms with related parties are similar to those with third parties except that employees are given favorable interest rates within specified limit for savings and loans.						
(B) Cathay United Bank and its instruments refer to Note 16	5(4).		s and Derivat	ives Financial		
(C) Receivables due to commis	sion of insurance a	igency				
Name	2017.	9.30 20	16.12.31	2016.9.30		
Subsidiary						
Cathay Life	\$36	55,870	\$549,934	\$384,193		
(D) Payables						
Name	2017.	9.30 20	16.12.31	2016.9.30		
Associate						
Symphox Information Co.,	Ltd. \$16	1,186	\$78,383	\$60,203		
(E) Combined tax receivable						
Name	2017.	9.30 20	16.12.31	2016.9.30		
The Company						
Cathay Financial Holding	\$41	8,689	\$-	\$316,075		
(F) Combined tax payable						
Name	2017.	9.30 20	16.12.31	2016.9.30		
The Company						
Cathay Financial Holding		\$ -	\$263,299	\$-		

(G) Rental expense

	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Subsidiary				
Cathay Life	\$157,952	\$129,564	\$424,747	\$350,831

According to contracts, the lease terms are usually between 2 to 5 years and rentals are paid on a monthly basis.

(H) Guarantee deposits paid

Name	2017.9.30	2016.12.31	2016.9.30
Subsidiary			
Cathay Life	\$157,730	\$157,492	\$157,440
Cathay Futures Co., Ltd.	77,880	120,374	28,212
Total	\$235,610	\$277,866	\$185,652

(I) Handling fees income

	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Subsidiary				
Cathay Life	\$1,560,714	\$1,948,643	\$5,385,581	\$6,815,976
Cathay Century	41,069	35,438	115,943	87,657
Total	\$1,601,783	\$1,984,081	\$5,501,524	\$6,903,633

(J) Operating expenses

Name	2017.7.1~ 2017.9.30	2016.7.1~ 2016.9.30	2017.1.1~ 2017.9.30	2016.1.1~ 2016.9.30
Subsidiary				
Cathay Life	\$40,791	\$37,772	\$129,943	\$113,193
Associate				
Symphox Information				
Co., Ltd.	123,712	95,657	463,719	314,993
Other related party				
Seaward Card Co., Ltd.	63,240	43,074	166,345	148,786
Total	\$227,743	\$176,503	\$760,007	\$576,972

(K) Insurance expenses

Name	2017.7.1~ 2017.9.30	2016.7.1~ 2016.9.30	2017.1.1~ 2017.9.30	2016.1.1~ 2016.9.30
Subsidiary	2017.7.30	2010.7.30	2017.7.30	2010.7.30
Cathay Century	\$29,942	\$27,679	\$100,252	\$96,185

C. Cathay Century and its subsidiaries

(A) Cash in banks

Name	Item	2017.9.30	2016.12.31	2016.9.30
Subsidiaries				
Cathay United Bank	Time deposit	\$618,200	\$623,200	\$623,200
	Cash in bank	699,745	634,754	672,148
	Check deposit	113,027	142,370	128,700
Indovina Bank	Time deposit	140,267	219,997	212,474
	Cash in bank	892	5,722	10,791
	Total	\$1,572,131	\$1,626,043	\$1,647,313

Interest income from Cathay United Bank for the three-month and nine-month periods ended 30 September 2017 and 2016 were \$1,797 thousand, \$1,715 thousand, \$5,287 thousand and \$5,515 thousand, respectively.

Interest income from Indovina Bank for the three-month and nine-month periods ended 30 September 2017 and 2016 were \$3,699 thousand, \$1,085 thousand, \$7,159 thousand and \$6,000 thousand, respectively.

As of 30 September 2017, 31 December 2016 and 30 September 2016, the time deposit pledged were \$23,164 thousand, \$28,677 thousand and \$28,604 thousand, respectively.

(B) Available-for-sale financial assets

Name	Item	2017.9.30	2016.12.31	2016.9.30
Other related party				
Cathay Dragon Fund	Beneficiary			
etc.	certificates	\$243,590	\$306,641	\$254,698

(C) Investment balance of related parties' discretionary investment

Name	2017.9.30	2016.12.31	2016.9.30
Subsidiary			
Cathay Securities Investment Trust	\$876,587	\$1,069,225	\$1,095,329

(D) Other payables

	Name		2	017.9.30	2016.12.31	2016.9.30
	The Company					
	Cathay Financial Holding			\$148,709	\$307,399	\$248,153
	Subsidiary					
	Cathay Life			76,088	152,623	273,761
	Total			\$224,797	\$460,022	\$521,914
(E)	Preferred stock liability					
	Name		2	017.9.30	2016.12.31	2016.9.30
	The Company			017.9.30	2010.12.31	2010.9.30
	Cathay Financial Holding		¢	51,000,000	\$1,000,000	\$1,000,000
	Callay Financial Holding			1,000,000	\$1,000,000	\$1,000,000
(F)	Insurance income					
		2017.7.	1~	2016.7.1~	2017.1.1~	2016.1.1~
	Name	2017.9.	30	2016.9.30	2017.9.30	2016.9.30
	Subsidiary					
	Cathay Life	\$5,5	578	\$7,102	\$102,020	\$108,997
	Cathay United Bank	29,9	942	27,679	100,252	96,185
	Total	\$35,5	520	\$34,781	\$202,272	\$205,182
(G)	Operating expenses					
(U)	Operating expenses					
		2017.7.	1~	2016.7.1~	2017.1.1~	2016.1.1~
	Name	2017.9.	30	2016.9.30	2017.9.30	2016.9.30
	Subsidiary					
	Cathay Life	\$157,5	536	\$315,248	\$413,349	\$961,140

(H) Other disclosure

As of 30 September 2017, 31 December 2016 and 30 September 2016, the nominal amounts (in thousand) of the derivative financial instruments transactions with Cathay United Bank are summarized as below:

Item	20	17.9.30	20	16.12.31	2	016.9.30
CS contracts	USD	88,700	USD	76,700	USD	68,700
	EUR	5,850	EUR	5,850	EUR	5,850

D. Cathay Securities and its subsidiaries

(A) Cash in bank

Name	Item	2017.9.30	2016.12.31	2016.9.30
Subsidiary				
Cathay United Bank	Time deposits			
	(Note)	\$1,985,830	\$1,870,837	\$1,962,196
	Cash in bank	1,916,401	765,855	677,337
	Check deposits	3	26	1
	Total	\$3,902,234	\$2,636,718	\$2,639,534

Interest income from Cathay United Bank for the three-month and nine-month periods ended 30 September 2017 and 2016 were \$3,093 thousand, \$3,830 thousand, \$10,488 thousand and \$15,676 thousand, respectively.

As of 30 September 2017, 31 December 2016 and 30 September 2016, the time deposits pledged were \$900,000 thousand, respectively.

Note: In accordance with Article 14 of the "Regulations Governing Futures Commission Merchants", Article 10 of the "Regulations Governing Futures Advisory Enterprises", Article 7 of the "Regulations Governing Securities Investment Consulting Enterprises" and Article 17 of the "Regulations Governing Managed Futures Enterprises", Cathay Futures lodges the time deposits in Cathay United Bank as the operating bonds. As of 30 September 2017, 31 December 2016 and 30 September 2016, the operating bonds were \$385,000 thousand, \$355,000 thousand, \$355,000 thousand, respectively.

(B) Customer's margin accounts

	Ending balance				
Name	2017.9.30	2016.12.31	2016.9.30		
Subsidiary					
Cathay United Bank	\$887,334	\$1,047,805	\$1,284,990		
(C) Financial assets at fair value through	•				
Name	2017.9.30	2016.12.31	2016.9.30		
Other related party					
Cathay Dragon Fund etc.	\$192,006	\$116,221	\$165,671		

(D) Futures trader's equity

Name	2017.9.30	2016.12.31	2016.9.30
Subsidiary			
Cathay Life	\$1,508,463	\$1,200,485	\$2,046,686
Cathay United Bank	77,880	120,374	28,212
Other related party			
Cathay Dragon Fund etc.	91,959	180,621	96,480
Total	\$1,678,302	\$1,501,480	\$2,171,378

E. Cathay Securities Investment Trust

(A) Cash in bank

Name	Item	2017.9.30	2016.12.31	2016.9.30
Subsidiary				
Cathay United Bank	Time deposit (Note)	\$121,300	\$118,800	\$119,108
	Cash in bank	17,992	24,113	21,836
	Check deposits	36,312	25,653	32,999
	Total	\$175,604	\$168,566	\$173,943

Note: In accordance with "Standards Governing the Establishment of Futures Trust Enterprises" and "Regulations Governing the Conduct of Discretionary Investment Business by Securities Investment Trust Enterprises and Securities Investment Consulting Enterprises", Cathay Securities Investment Trust lodges the time deposits in Cathay United Bank as operating bonds. As of 30 September 2017, 31 December 2016 and 30 September 2016, the operating bonds were \$50,000 thousand, \$50,000 thousand and \$50,000 thousand, respectively.

In accordance with "Discretionary Investment Services Contract", as of 30 September 2017, 31 December 2016 and 30 September 2016, Cathay Securities Investment Trust reserved the performance bonds amounting to \$61,300 thousand, \$64,800 thousand and \$64,800 thousand, respectively.

Interest income from Cathay United Bank for the three-month and nine-month periods ended 30 September 2017 and 2016 were \$56 thousand, \$104 thousand, \$192 thousand and \$391 thousand respectively.

(B) Management fee income

N	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
Name Name	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Subsidiary				
Cathay Life	\$41,793	\$28,826	\$109,089	\$80,162
Other related party				
Cathay Dragon Fund etc.	367,188	335,466	1,031,494	937,653
Total	\$408,981	\$364,292	\$1,140,583	\$1,017,815

(C) Receivables

Name	2017.9.30	2016.12.31	2016.9.30
Other related party			
Cathay Dragon Fund etc.	\$126,721	\$111,523	\$113,267

(D) Investment balance of related parties' discretionary investment

Name	2017.9.30	2016.12.31	2016.9.30
Subsidiary			
Cathay Life	\$237,825,023	\$183,588,745	\$192,982,915
Cathay Century	876,587	1,069,225	1,095,329
Total	\$238,701,610	\$184,657,970	\$194,078,244

8. Pledged assets

As of 30 September 2017, 31 December 2016 and 30 September 2016 the Group's pledged assets are summarized below:

		Carrying amount			
Item	Guarantee purpose	2017.9.30	2016.12.31	2016.9.30	
Time deposits and	Capital guarantee, serving				
guarantee deposits	as deposits paid,				
paid	settlement accounts,				
	collateral for overdraft,				
	government bonds, court				
	guarantees, business				
	reserves and guarantees	\$14,004,598	\$14,083,308	\$14,130,249	
Financial assets at	Securities lending				
fair value through					
profit or loss		1,284,098	46,748	20,576	
Available-for-sale	Business reserves and				
financial assets	guarantees	57,656	79,962	85,360	
Held-to-maturity	Business reserves and				
financial assets	guarantees	581,868	2,361,157	2,340,117	
Investments in debt	Business reserves and				
securities with no	guarantees				
active market		63,800,000	63,800,000	63,800,000	
Total		\$79,728,220	\$80,371,175	\$80,376,302	

9. Commitment and contingent liabilities

(1) Cathay United Bank

Lee and Li Attorneys-at-Law and SanDisk Corporation filed lawsuits in the Taiwan Taipei District Court and alleged that Cathay United Bank breached its contractual and fiduciary duties in connection with the embezzlement conducted by Eddie Liu, a former employee of Lee and Li Attorneys-at-Law on October 2003. Both plaintiffs claimed indemnities amounting to \$991,002 thousand and \$3,090,000 thousand. The claim made by Lee and Li started litigation procedures in July 2007. Cathay United Bank won the first instance and the second instance, and the action is still pending in the Supreme Court. However, Cathay United Bank is in mediation procedure with SanDisk Corporation. Thus, the case is still pending. Cathay United Bank has been advised by its legal counsel that it is possible, but not probable, that the action will be resolved in Cathay United Bank's favor and accordingly no provision for such claims has been made in these financial statements.

(2) As of 30 September 2017, 31 December 2016 and 30 September 2016 Cathay United Bank and its subsidiaries had the following commitments and contingent liabilities, which were not reflected in the financial statements:

Item	2017.9.30	2016.12.31	2016.9.30
Trust and security held for safekeeping	\$674,974,410	\$604,042,204	\$601,587,590
Travelers checks for sale	400,316	403,853	412,087
Bills for collection	41,772,446	44,989,844	43,410,157
Book-entry for government bonds and			
depository for short-term marketable			
securities under management	374,433,214	367,976,014	373,389,808
Entrusted financial management business	8,977,361	4,965,210	6,113,566
Guarantees on duties and contracts	7,247,707	7,141,798	6,852,694
Unused commercial letters of credit	4,859,065	4,586,568	4,734,174
Irrevocable loan commitments	164,533,709	183,084,665	138,495,670
Unused credit card lines commitments	550,286,370	520,857,417	511,957,350
Underwriting securities	5,230,000	-	6,800,000
Financial guarantee contracts	2,652,036	2,929,405	2,119,546

(3) Leases

As of 30 September 2017, 31 December 2016 and 30 September 2016. According to the effective operating leases agreement (the longest lease term is 5 years), rentals for the next five years are as follows:

	2017.9.30	2016.12.31	2016.9.30
Within 1 year	\$1,986,847	\$2,000,363	\$1,758,382
1 to 5 years	3,442,887	3,910,592	3,038,538
Over 5 year	102,925	155,319	220,831
Total	\$5,532,659	\$6,066,274	\$5,017,751

(4) Investment commitment for private equity fund

As of 30 September 2017, the maximum remaining capital commitment for the contracted private equity fund of Cathay Life was USD1,854,872 thousand, EUR214,170 thousand, and GBP1,557 thousand.

10. Significant disaster losses:

None

11. Subsequent events:

None

12. Other significant matters

(1) Categories of financial instruments

The Group

	2017.9.30	2016.12.31	2016.9.30	
Financial assets				
Financial assets at fair value through profit or loss:	\$363,338,182	\$244,529,264	\$304,989,787	
Available-for-sale financial assets -net	1,590,466,228	1,591,359,657	1,549,141,336	
Derivative financial assets for hedging	268,938	232,269	456,538	
Held-to-maturity financial assets -net	91,264,880	81,826,739	76,052,232	
Other financial assets - investments with no active				
market	2,700,431,295	2,526,608,201	2,330,030,322	
Loans and receivables:				
Cash and cash equivalents (petty cash and cash				
on hand excluded)	335,066,187	176,377,196	276,258,438	
Due from the Central Bank and call loans to banks	83,013,476	71,940,935	100,272,971	
Securities purchased under agreements to resell	82,057,127	49,524,682	60,337,058	
Receivables -net	151,642,224	154,212,060	153,307,095	
Loans -net	2,082,515,792	2,045,532,795	1,915,892,998	
Other financial assets	558,878,324	509,773,012	510,712,525	
Guarantee deposits paid	37,436,843	47,894,944	38,286,706	
Subtotal	3,330,609,973	3,055,255,624	3,055,067,791	
Total	\$8,076,379,496	\$7,499,811,754	\$7,315,738,006	

_	2017.9.30	2016.12.31	2016.9.30	
Financial liabilities				
Financial liabilities at fair value through profit or loss:	\$91,877,061	\$115,014,826	\$85,122,266	
Financial liabilities at amortized cost:				
Due to the Central Bank and call loans from banks	92,450,905	77,493,795	62,672,251	
Securities sold under agreements to repurchase	101,911,686	59,139,059	47,948,785	
Commercial paper payable -net	51,417,901	41,578,838	36,119,130	
Payables	97,233,634	55,295,781	53,244,316	
Deposits	2,059,148,915	1,999,943,172	1,986,917,547	
Bonds payable	98,350,000	51,900,000	71,800,000	
Other borrowings	456,639	87,229	40,440	
Other financial liabilities	614,416,562	561,224,829	558,240,384	
Guarantee deposits received	7,372,910	6,888,074	8,974,497	
Subtotal	3,122,759,152	2,853,550,777	2,825,957,350	
Total	\$3,214,636,213	\$2,968,565,603	\$2,911,079,616	

(2) Fair value of financial instruments

A. The methods and assumptions applied in determining the fair value of financial instruments

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 following methods and assumptions were used by the Group to measure or disclose the fair values of financial assets and financial liabilities:

- (A) The carrying amount of cash and cash equivalents, accounts receivables, short-term debts and accounts payable approximate their fair value due to their short maturities.
- (B) For financial assets and liabilities traded in an active market with standard terms and conditions, their fair value is determined based on market quotation price (including listed equity securities, beneficiary certificates, bonds and futures etc.) at the reporting date.
- (C) Fair value of equity instruments without market quotations (including private placement of listed equity securities, unquoted public company and private company equity securities) are estimated using the market method valuation techniques based on parameters such as prices based on market transactions of equity instruments of identical or comparable entities and other relevant information (for example, inputs such as discount for lack of marketability, P/E ratio of similar entities and Price-Book ratio of similar entities).

- (D) Fair value of debt instruments without market quotations is determined based on the counterparty prices or valuation method. The valuation method uses DCF method as a basis, and the assumptions such as the interest rate and discount rate are primarily based on relevant information of similar instrument (such as yield curves published by the GreTai Securities Market, average prices for Fixed Rate Commercial Paper published by Reuters and credit risk information.)
- (E) The fair value of derivatives which are not options and without market quotations, is determined based on the counterparty prices or discounted cash flow analysis using interest rate yield curve for the contract period. Fair value of option-based derivative financial instruments is obtained using the counterparty prices or appropriate option pricing model (for example, Black-Scholes model) or other valuation method (for example, Monte Carlo Simulation).
- (F) The Group evaluates the credit risk of the derivative contract traded over-the-counter through the following calculation. Under the assumption that the Group will not default, the Group determines its credit value adjustment by multiplying three factors, probability of default, loss given default, and exposure at default, of the counterparty. On the other hand, under the assumption that the counterparty will not default, the Group calculates its debit value adjustment by multiplying three factors, probability of default, loss given default, and exposure at default, of the Group. The Group decides the estimated probability of default by referring to the probability of default announced by external credit rating agencies. The Group sets estimated loss given default at 60% by considering the experiences of Jon Gregory, a scholar, and foreign financial institutions. The estimated exposure at default for current period is evaluated by considering the fair value of the derivative instruments traded at Taipei Exchange.

B. Financial instruments not measured at fair value:

Except as detailed in the following table, the management considers the carrying amounts of financial assets and financial liabilities recognized in the consolidated financial statements approximate their fair values or that the fair values cannot be reasonably measured:

		Book value	
	2017.9.30	2016.12.31	2016.9.30
Financial assets			
Held-to-maturity financial assets - net			
(Note)	\$100,639,823	\$90,337,053	\$84,561,405
Investments with no active market	2,700,431,295	2,526,608,201	2,330,030,322
Other financial assets - structured time			
deposits	4,500,000	7,661,395	7,500,000
Total	\$2,805,571,118	\$2,624,606,649	\$2,422,091,727

_	Fair value				
_	2017.9.30	2016.12.31	2016.9.30		
Financial assets					
Held-to-maturity financial assets - net					
(Note)	\$105,815,683	\$94,617,535	\$93,335,212		
Investments with no active market	2,766,585,273	2,505,365,077	2,415,040,645		
Other financial assets - structured time					
deposits	4,532,582	7,720,518	7,522,718		
Total	\$2,876,933,538	\$2,607,703,130	\$2,515,898,575		

Note: Guarantee deposits paid in bonds are included.

(3) Hedge accounting disclosures

A. Cash flow hedges

The following table summarizes the terms of Cathay Life and its subsidiaries' interest rate swaps for bonds used as hedging instruments as of 30 September 2017, 31 December 2016 and 30 September 2016:

		2017	.9.30	
Hedged item	Hedging instrument	Fair Value	Expected period of cash flow	Expected period of profit and loss recognized in the statement of comprehensive income
Floating rate bonds	IRS	\$268,938	2017.7.25~2024.5.26	2017.7.25~2024.5.26
		2016.	12.31	
				Expected period of profit
				and loss recognized in the
	Hedging		Expected period of	statement of
Hedged item	instrument	Fair Value	cash flow	comprehensive income
Floating rate bonds	IRS	\$232,269	2017.1.25~2024.5.26	2017.1.25~2024.5.26
		2016	.9.30	
				Expected period of profit
				and loss recognized in the
	Hedging		Expected period of	statement of
Hedged item	instrument	Fair Value	cash flow	comprehensive income
Floating rate bonds	IRS	\$456,538	2016.10.24~2024.5.26	2016.10.24~2024.5.26

The terms of interest rate swap agreements are established based on the terms of the bonds hedged.

Interest rate swap agreements are considered to be highly effective cash flow hedges. Amount of effective hedging instrument in cash flow hedges is as follows:

	2017.7.1~	2016.7.1~	2017.1.1~	2016.1.1~
	2017.9.30	2016.9.30	2017.9.30	2016.9.30
Amount recognized in other				
comprehensive income	\$(13,889)	\$(63,749)	\$36,615	\$7,582
Amount reclassified from				
equity to profit or loss	(278)	225	54	1,630

(4) Offsetting of financial assets and financial liabilities

The Group owns 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 financial assets and financial liabilities of Cathay Life and its subsidiaries is disclosed as follows:

		2	017.9.30			
Financial ass	sets bound by off	setting or enforce	able master netti	ing arrangemen	t or similar agree	ment
		Gross amount of		Relevant amo	unt that has not	
	Gross amount	offset financial	Net financial	been offset or	n balance sheet	
	of recognized	liabilities	assets	Financial		
	financial	recognized on	recognized on	instruments	Cash collateral	
Item	assets	balance sheet	balance sheet	(Note)	received	Net amount
Derivative financial						
instrument	\$9,905,734	\$-	\$9,905,734	\$(6,080,948)	\$(58,852)	\$3,765,934
2017.9.30						
Financial liabilities bound by offsetting or enforceable master netting arrangement or similar agreement				eement		
		Gross amount of		Relevant amo	unt that has not	
	Gross amount	offset financial	Net financial	been offset or	n balance sheet	
	of recognized	assets	liabilities	Financial		
	financial	recognized on	recognized on	instruments	Cash collateral	
Item	liabilities	balance sheet	balance sheet	(Note)	pledged	Net amount
	Habilities	- Barance sneet			18	
Derivative financial	naomues	balance sheet			r	

20	16	12.3	1
20.	10.	12.3	1

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

Information relating to offsetting financial assets and financial liabilities of Cathay United Bank and its subsidiaries is disclosed as follows:

2017.9.30							
Financial a	Financial assets bound by offsetting or enforceable master netting arrangement or similar agreement						
		Gross amount of	,	Relevant amo	unt that has not		
	Gross amount	offset financial	Net financial	been offset or	n balance sheet		
	of recognized	liabilities	assets	Financial			
	financial	recognized on	recognized on	instruments	Cash collateral		
Item	assets	balance sheet	balance sheet	(Note)	received	Net amount	
Derivative financial							
instrument	\$34,855,900	\$-	\$34,855,900	\$(34,855,900)	\$-	\$-	
		2	2017.9.30				
Financial lial	oilities bound by	offsetting or enfor	ceable master ne	etting arrangeme	ent or similar agre	eement	
		Gross amount of	•	Relevant amo	unt that has not		
	Gross amount	offset financial	Net financial	been offset or	n balance sheet		
	of recognized	assets	liabilities	Financial			
	financial	recognized on	recognized on	instruments	Cash collateral		
Item	liabilities	balance sheet	balance sheet	(Note)	pledged	Net amount	
Derivative financial							
instrument	\$35,035,582	\$-	\$35,035,582	\$(34,855,900)	\$(179,682)	\$-	
		20	016.12.31				
Financial a	ssets bound by of	fsetting or enforce	eable master nett	ting arrangemen	t or similar agree	ment	
	•	Gross amount of		Relevant amo	unt that has not		
	Gross amount	offset financial	Net financial	been offset or	n balance sheet		
	of recognized	liabilities	assets	Financial			
	financial	recognized on	recognized on	instruments	Cash collateral		
Item	assets	balance sheet	balance sheet	(Note)	received	Net amount	
Derivative financial							
instrument	\$52,646,314	\$-	\$52,646,314	\$(48,567,099)	\$(2,907,944)	\$1,171,271	
		20	016.12.31				
Financial lial	pilities bound by	offsetting or enfor	ceable master ne	etting arrangeme	ent or similar agre	eement	
	•	Gross amount of		Relevant amo	unt that has not		
	Gross amount	offset financial	Net financial	been offset or	n balance sheet		
	of recognized	assets	liabilities	Financial			
	financial	recognized on	recognized on	instruments	Cash collateral		
Item	liabilities	balance sheet	balance sheet	(Note)	pledged	Net amount	
Derivative financial							

2016.9.30

2010.7.50							
Financial a	ssets bound by o	offsetting or enfor	ceable master net	ting arrangemen	ıt or similar agree	ment	
		Gross amount of		Relevant amo	unt that has not		
	Gross amount	offset financial	Net financial	been offset or	n balance sheet		
	of recognized	liabilities	assets	Financial			
	financial	recognized on	recognized on	instruments	Cash collateral		
Item	assets	balance sheet	balance sheet	(Note)	received	Net amount	
Derivative financial							
instrument	\$43,988,500	\$-	\$43,988,500	\$(40,568,441)	\$(3,420,059)	\$-	
2016.9.30							
Financial lia	bilities bound by	offsetting or enfo	orceable master n	etting arrangeme	ent or similar agre	eement	
		Gross amount of		Relevant amo	unt that has not		
	Gross amount	offset financial	Net financial	been offset or	n balance sheet		
	of recognized	assets	liabilities	Financial			
	financial	recognized on	recognized on	instruments	Cash collateral		
Item	liabilities	balance sheet	balance sheet	(Note)	pledged	Net amount	
Derivative financial			·				
instrument	\$40,568,441	\$-	\$40,568,441	\$(40,568,441)	\$-	\$-	

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

Cathay Securities enters into secured repurchase agreements ("repo") with counterparties, for which Cathay Securities provides securities as collaterals. Only in the event of default, insolvency or bankruptcy are these transactions allowed to set off. They do not meet the offsetting criterion in international accounting standards. Hence, the related repo liabilities are reported in the balance sheet.

Information relating to offsetting financial assets and financial liabilities of Cathay Securities and its subsidiaries is disclosed as follows:

2017.9.30

Financial liabilities bound by offsetting or enforceable master netting arrangement or similar agreement							
	Gross amount of			Relevant amo			
	Gross amount	offset financial	Net financial	been offset or	n balance sheet		
	of recognized	assets	liabilities	Financial			
	financial	recognized on	recognized on	instruments	Cash collateral		
Item	liabilities	balance sheet	balance sheet	(Note)	received	Net amount	
Repurchase bonds	\$3,074,913	\$-	\$3,074,913	\$(3,074,913)	\$-	\$-	

2016.12.31

2010.12.31							
Financial liabilities bound by offsetting or enforceable master netting arrangement or similar agreement							
		Gross amount of	Relevant amo	Relevant amount that has not			
	Gross amount	offset financial	Net financial	been offset or	balance sheet		
	of recognized	assets	liabilities	Financial			
	financial	recognized on	recognized on	instruments	Cash collateral		
Item	liabilities	balance sheet	balance sheet	(Note)	received	Net amount	
Repurchase bonds	\$2,339,864	\$-	\$2,339,864	\$(2,339,864)	\$-	\$-	
2016.9.30							
Financial liabilities bound by offsetting or enforceable master netting arrangement or similar agreement							
Gross amount of Relevant amount that has not							
	Gross amount	offset financial	Net financial	been offset or	balance sheet		
	of recognized	assets	liabilities	Financial			
	financial	recognized on	recognized on	instruments	Cash collateral		
Item	liabilities	balance sheet	balance sheet	(Note)	received	Net amount	
Repurchase bonds	\$1,525,695	\$-	\$1,525,695	\$(1,525,695)	\$-	\$-	

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

(5) Financial instruments related information

A. The definition of the hierarchy of the financial instruments is measured at fair value:

1st Level: Quoted (unadjusted) market prices in active markets for identical assets or liabilities that the entity can access at the measurement date.

2nd Level: Other techniques for which all inputs which have a significant effect on the recorded fair value are observable, either directly or indirectly.

3rd 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 reassessing categorization at the end of each reporting period.

B. Fair value measurement hierarchy of the Group's assets and liabilities

The Group does not have assets that are measured at fair value on a non-recurring basis. Fair value measurement hierarchy of the Group's assets and liabilities measured at fair value on a recurring basis is as follows:

	2017.9.30			2016.12.31				
Financial instruments measured at fair value item	Total	1st Level	2 nd Level	3 rd Level	Total	1st Level	2 nd Level	3 rd Level
Non-derivative financial instruments								
Assets								
Financial assets at fair value through profit or loss								
Designated financial assets at fair value through								
profit or loss at initial recognition	\$248,190	\$90,915	\$157,275	\$-	\$80,102	\$-	\$80,102	\$-
Held for trading								
Stocks	12,474,191	12,474,191	-	-	10,792,048	10,787,152	4,896	-
Bonds	120,511,314	98,367,424	22,143,890	-	60,043,601	23,624,124	36,419,477	-
Others	185,074,173	16,894,916	168,179,257	-	121,164,594	25,762,591	95,402,003	-
Available-for-sale financial assets								
Stocks	665,655,232	647,339,889	5,012,542	13,302,801	627,044,110	609,357,808	4,619,448	13,066,854
Bonds (Note 1)	592,946,995	100,222,839	492,724,156	-	655,990,021	123,042,469	532,947,552	-
Others	332,954,519	268,584,279	16,487,055	47,883,185	310,274,358	254,869,229	14,949,452	40,455,677
Investment properties (Note 2)	306,353,748	-	-	306,353,748	301,744,407	-	-	301,744,407
Liabilities								
Financial liabilities at fair value through profit or loss								
Designated financial liabilities at fair value								
through profit or loss at initial recognition	44,927,462	-	44,927,462	-	\$39,491,908	\$-	\$39,491,908	\$-
Held for trading								
Bonds	298,204	298,204	-	-	-	-	-	-
Others	1,436,238	1,436,238	-	-	1,745,169	1,745,169	-	-
Derivative financial instruments								
Assets								
Financial assets at fair value through profit or loss	45,030,314	779,832	31,555,681	12,694,801	52,448,919	346,319	34,479,900	17,622,700
Derivatives financial assets for hedging	268,938	-	268,938	-	232,269	-	232,269	-
Liabilities								
Financial liabilities at fair value through profit or loss	45,215,157	791,869	31,658,991	12,764,297	73,777,749	299,136	55,779,345	17,699,268

		2016	5.9.30	
Financial instruments measured at fair value item	Total	1st Level	2 nd Level	3rd Level
Non-derivative financial instruments				
Assets				
Financial assets at fair value through profit or loss				
Held for trading				
Stocks	\$8,867,288	\$8,867,288	\$-	\$-
Bonds	49,885,623	7,898,583	41,987,040	-
Others	182,071,448	16,942,437	165,129,011	-
Available-for-sale financial assets				
Stocks	589,001,284	571,513,842	4,124,516	13,362,926
Bonds (Note 1)	651,813,734	102,936,768	548,876,966	-
Others	310,322,665	258,316,335	14,860,426	37,145,904
Investment properties (Note 2)	364,803,496	-	-	364,803,496
Liabilities				
Financial liabilities at fair value through profit or loss				
Designated financial liabilities at fair value				
through profit or loss at initial recognition	41,371,943	-	41,371,943	-
Held for trading				
Others	2,513,619	2,513,619	-	-
Derivative financial instruments				
Assets				
Financial assets at fair value through profit or loss	64,165,428	582,492	48,332,716	15,250,220
Derivatives financial assets for hedging	456,538	-	456,538	-
Liabilities				
Financial liabilities at fair value through profit or loss	41,236,704	354,892	25,532,969	15,348,843

Note 1: Guarantee deposits paid in bonds are included.

Note 2: Amount of investment property excludes the parts which were measured at cost.

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

For the nine-month period ended 30 September 2017, Cathay Life and Subsidiaries transferred stocks held for trading which were measured at fair value on a recurring basis, from Level 2 to Level 1. A total of \$19,229 thousand was transferred as its market price was obtainable. For the nine-month period ended 30 September 2016, Cathay Life and Subsidiaries transferred stocks held for trading which were measured at fair value on a recurring basis, from Level 2 to Level 1. A total of \$143,013 thousand was transferred as its market price was obtainable.

For the nine-month period ended 30 September 2017, Cathay United Bank transferred government bonds designated as at fair value through profit or loss, an asset measured at fair value on a recurring basis, from 1st level to 2nd level. A total of \$8,431,930 thousand was transferred as its market price was not obtainable.

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

For the nine-month period ended 30 September 2017, Cathay Century transferred stocks which were measured at fair value on a recurring basis, from 2nd level to 1st level. A total of \$430,586 thousand was transferred as its market price was obtainable. For the ninemonth period ended 30 September 2016, there were no assets transfers between Level 1 and Level 2 fair value measurements.

Reconciliation for fair value measurements in 3rd level for movements

Reconciliation for fair value measurements in 3rd level of the fair value hierarchy for movements during the period is as follows:

_		Assets		Liabilities
	Financial assets			Financial
	at fair value			liabilities at fair
	through profit	Available-for-sale	Investment	value through
	or loss	financial assets	property	profit or loss
2017.1.1	\$17,622,700	\$53,522,531	\$301,744,407	\$17,699,268
Total gains (losses) recognized				
Amount recognized in profit or loss				
Valuation profit or loss from financial assets				
and liabilities at fair value through profit				
or loss	(4,984,265)	-	-	(4,986,679)
Realized gains from available-for-sale financial				
assets	-	2,255,002	-	-
Valuation losses from investment property	-	-	(341,643)	-
Amount recognized in other comprehensive				
income				
Unrealized valuation losses from available-				
for-sale financial assets	-	(335,287)	-	-
Exchange differences resulting from				
translating the financial statements of				
foreign operations	-	-	796,944	(4,658)
Acquisition or issues	612,881	13,273,158	-	612,881
Transfers from property and equipment	-	-	363,123	-
Transfers from investment property under				
construction and prepayment for properties	-	-	1,601,362	-
Transfers from investment property measured				
at cost	-	-	2,191,115	-
Disposal or settlements	(556,515)	(6,807,509)	(1,560)	(556,515)
Transfers to 3 rd level	-	281,685	-	-
Transfers from 3 rd level	-	(1,003,594)	_	
2017.9.30	\$12,694,801	\$61,185,986	\$306,353,748	\$12,764,297

Financial assets at fair value Available-for-sale Investment Value through profit Available-for-sale Investment Value through Or loss Financial assets Investment Value through Or loss Financial assets Property Profit or loss Or loss S22,533,717 S45,059,646 S370,583,060 S22,517,930 Or loss S22,517,930 S45,059,646 S370,583,060 S22,517,930 Or loss Valuation profit or loss from financial assets Amount recognized in profit or loss from financial assets Amount recognized in profit or loss Or loss
through profit or loss from financial assets and liabilities at fair value through profit or loss (5,464,818) through profit Available-for-sale Investment profit or loss (5,464,818) through profit Available-for-sale Investment profit or loss (1,2,533,717) (1,2,12,16) through profit Available-for-sale financial assets (1,2,12,12,12,12,12,12,12,12,12,12,12,12,
or loss financial assets property profit or loss 2016.1.1 \$22,533,717 \$45,059,646 \$370,583,060 \$22,517,930 Total gains (losses) recognized Amount recognized in profit or loss Valuation profit or loss from financial assets and liabilities at fair value through profit or loss (5,464,818) (5,347,216) Realized gains from available-for-sale financial
2016.1.1 \$22,533,717 \$45,059,646 \$370,583,060 \$22,517,930 Total gains (losses) recognized Amount recognized in profit or loss Valuation profit or loss from financial assets and liabilities at fair value through profit or loss (5,464,818) (5,347,216) Realized gains from available-for-sale financial
Total gains (losses) recognized Amount recognized in profit or loss Valuation profit or loss from financial assets and liabilities at fair value through profit or loss (5,464,818) (5,347,216) Realized gains from available-for-sale financial
Amount recognized in profit or loss Valuation profit or loss from financial assets and liabilities at fair value through profit or loss (5,464,818) (5,347,216) Realized gains from available-for-sale financial
Valuation profit or loss from financial assets and liabilities at fair value through profit or loss (5,464,818) (5,347,216) Realized gains from available-for-sale financial
and liabilities at fair value through profit or loss (5,464,818) (5,347,216) Realized gains from available-for-sale financial
or loss (5,464,818) (5,347,216) Realized gains from available-for-sale financial
Realized gains from available-for-sale financial
-
assets - 1,257,974
Valuation gains from investment property - 2,038,274 -
Amount recognized in other comprehensive
income
Unrealized valuation losses from available-
for-sale financial assets - (1,662,574)
Exchange differences resulting from
translating the financial statements of
foreign operations (283) - (7,889,993) (3,475)
Acquisition or issues 461,889 11,494,083 - 461,889
Transfers to property and equipment (21,695) -
Transfers from investment property under
construction and prepayment for properties 93,850 -
Disposal or settlements (2,280,285) (4,958,208) - (2,280,285)
Transfers to 3 rd level - 29,792
Transfers from 3 rd level - (711,883)
2016.9.30 \$15,250,220 \$50,508,830 \$364,803,496 \$15,348,843

Total gains (losses) recognized in profit or loss in the table above contained unrealized gains and losses related to assets on hand as of 30 September 2017 and 2016 in the amount of \$5,325,908 thousand and \$3,426,544 thousand, respectively.

Total gains (losses) recognized in profit or loss in the table above contained unrealized gains and losses related to liabilities on hand as of 30 September 2017 and 2016 in the amount of \$4,986,679 thousand and \$5,347,216 thousand, respectively.

Information on 3rd level significant unobservable inputs to valuation

Description of significant unobservable inputs to valuation of recurring fair value measurements categorized within 3rd level of the fair value hierarchy is as follows:

Cathay Life and its subsidiaries

			2017.9.30	
			Interval	
	Valuation	Significant	(weighted	Relationship between
	techniques	unobservable inputs	average)	inputs and fair value
Financial assets				
Available- for-sale				
Stocks	Market approach	discount for lack of marketability	11%~30%	The higher the discount for lack of marketability, the lower the fair value of the stocks
	Income approach	discount for lack of marketability	15%~20%	The higher the discount for lack of marketability, the lower the fair value of the stocks
		growth rate of adjusted net profit after tax	-48%~57%	The higher the growth rate of adjusted net profit after tax, the higher the fair value of the stocks
		dividend payout ratio	80%~140%	The higher the dividend payout ratio, the higher the fair value of the stocks
Investment				
property	Refer to Note.6(9)			
			2016.12.31	
			2016.12.31 Interval	
	Valuation	Significant		Relationship between
	Valuation techniques	Significant unobservable inputs	Interval	Relationship between inputs and fair value
Financial assets Available- for-sale		_	Interval (weighted	_
	techniques	_	Interval (weighted	_
Available- for-sale	techniques Market approach	unobservable inputs discount for lack of	Interval (weighted average)	The higher the discount for lack of marketability, the lower the fair value of
Available- for-sale	techniques Market approach	unobservable inputs discount for lack of marketability discount for lack of marketability	Interval (weighted average) 11%~30% 15%~20%	The higher the discount for lack of marketability, the lower the fair value of the stocks The higher the discount for lack of marketability, the lower the fair value of
Available- for-sale	techniques Market approach	discount for lack of marketability discount for lack of marketability growth rate of adjusted net profit after tax	Interval (weighted average) 11%~30% 15%~20% -50%~235%	The higher the discount for lack of marketability, the lower the fair value of the stocks The higher the discount for lack of marketability, the lower the fair value of the stocks The higher the growth rate of adjusted net profit after tax, the higher the fair
Available- for-sale	techniques Market approach	discount for lack of marketability discount for lack of marketability growth rate of adjusted net profit after tax	Interval (weighted average) 11%~30% 15%~20% -50%~235%	The higher the discount for lack of marketability, the lower the fair value of the stocks The higher the discount for lack of marketability, the lower the fair value of the stocks The higher the growth rate of adjusted net profit after tax, the higher the fair value of the stocks The higher the dividend payout ratio, the

			2016.9.30	
			Interval	
	Valuation	Significant	(weighted	Relationship between
	techniques	unobservable inputs	average)	inputs and fair value
Financial assets				
Available- for-sale				
Stocks	Market approach	discount for lack of	10% ~ 30%	The higher the discount for lack of
		marketability		marketability, the lower the fair value of
				the stocks
	Income approach	discount for lack of	15% ~ 17%	The higher the discount for lack of
		marketability		marketability, the lower the fair value of
				the stocks
		growth rate of adjusted	-74%~131%	The higher the growth rate of adjusted
		net profit after tax		net profit after tax, the higher the fair
				value of the stocks
		dividend payout ratio	80%~90%	The higher the dividend payout ratio, the
				higher the fair value of the stocks
Investment				
property	Refer to Note.6(9)			

Cathay United Bank and its subsidiaries

			2017.9.30	
			Interval	
	Valuation	Significant	(weighted	Relationship between
	techniques	unobservable inputs	average)	inputs and fair value
Financial assets				
Available-for-sale				
Stocks	Market	discount for lack of	15% ~ 20%	The higher the discount for lack of
	approach	marketability		marketability, the lower the fair value of
				the stocks
	Residual income	Cost of equity rate	6% ~ 7%	The higher the cost of equity rate, the
	approach			lower the fair value of the stocks
	Value of net assets	Value of net assets	Not	The higher the value of net assets, the
	approach		applicable	higher the fair value of the stocks
Investment property	Income approach	Capitalization rate	1.60% ~	The higher the Direct capitalization rate,
	and sales		2.95%	the lower the fair value
	comparison			
	approach			
	Land development	Composite interest	0.84% ~	The higher the composite interest rate for
	analysis approach	rate for capital	17.11%	capital interest, the lower the fair value
	and cost approach	interest		

			2016.12.31	
			Interval	
	Valuation	Significant	(weighted	Relationship between
	techniques	unobservable inputs	average)	inputs and fair value
Financial assets				
Available-for-sale				
Stocks	Market	discount for lack of	15% ~ 20%	The higher the discount for lack of
	approach	marketability		marketability, the lower the fair value of the stocks
	Residual income	Cost of equity rate	6% ~ 7%	The higher the cost of equity rate, the
	approach			lower the fair value of the stocks
	Value of net assets	Value of net assets	Not	The higher the value of net assets, the
	approach		applicable	higher the fair value of the stocks
Investment property	Income approach	Capitalization rate	1.60% ~	The higher the Direct capitalization rate,
	and sales		2.75%	the lower the fair value
	comparison			
	approach			
	Land development	Composite interest	0.84% ~	The higher the composite interest rate for
	analysis approach	rate for capital	16.98%	capital interest, the lower the fair value
	and cost approach	interest		
			2016.9.30	
			Interval	
	Valuation	Significant	(weighted	Relationship between
	techniques	unobservable inputs	average)	inputs and fair value
Financial assets				
Available-for-sale				
Stocks	Market	discount for lack of	15% ~ 20%	The higher the discount for lack of
	approach	marketability		marketability, the lower the fair value of
				the stocks
	Residual income	Cost of equity rate	6% ~ 7%	The higher the cost of equity rate, the
	approach			lower the fair value of the stocks
	Value of net assets	Value of net assets	Not	The higher the value of net assets, the
	approach		applicable	higher the fair value of the stocks
Investment property	Income approach	Capitalization rate	1.31% ~	The higher the Direct capitalization rate,
	and sales		3.09%	the lower the fair value
	comparison			
	approach			
	approach Land development	Composite interest	1.65% ~	The higher the composite interest rate for
	approach	Composite interest rate for capital interest	1.65% ~ 18.08%	The higher the composite interest rate for capital interest, the lower the fair value

Cathay Century and its subsidiaries

_			2017.9.3	30	
	Valuation	Significant	Quantitative	Relationship between	Sensitivity of the
_	techniques	unobservable inputs	information	inputs and fair value	input to fair value
Financial assets					
Available-for-sale					
Stocks	Market	discount for lack	30%	The higher the	5% increase (decrease)
	comparison	of marketability		discount for lack of	in the discount for lack
	approach			marketability, the	of marketability would
				lower the fair value of	result in increase
				the stocks	(decrease) in Cathay
					Century's profit by
					\$30,600 or loss by
					\$31,800 thousand
			2016.12.	31	
-	Valuation	Significant		Relationship between	Sensitivity of the
	techniques	unobservable inputs	information	inputs and fair value	input to fair value
Financial assets	1				
Available-for-sale					
Stocks	Market	discount for lack	30%	The higher the	5% increase (decrease)
	comparison	of marketability		discount for lack of	in the discount for lack
	approach			marketability, the	of marketability would
				lower the fair value of	result in increase
				the stocks	(decrease) in Cathay
					Century's profit or loss
					by \$37,200 thousand
			20150	20	
_	X7.1	g: :c: ,	2016.9.3		G ::::: 6.4
	Valuation	Significant	_	Relationship between	Sensitivity of the
_	techniques	unobservable inputs	information	inputs and fair value	input to fair value
Financial assets					
Available-for-sale	Mada	1 C 1 1	200/	Th. 12.1 4.	5 0/
Stocks	Market	discount for lack	30%	The higher the	5% increase (decrease)
	comparison	of marketability		discount for lack of	in the discount for lack
	approach			marketability, the	of marketability would
				lower the fair value of	
				the stocks	(decrease) in Cathay
					Century's profit or loss
					by \$39,000 thousand

Cathay Securities and its subsidiaries

			2017.9.30		
		Significant		Relationship	Sensitivity analysis of
	Valuation	unobservable		between inputs	relationship between inputs
	techniques	inputs	Quantitative information	and fair value	and fair value
Investment	Discounted Cash	Discount rate	According to the investment property	The higher the	Discount rate
property	Flow Analysis		assessment rules issued by FSC, the	discount rate, the	1.545%~2.545%
			discount rate 2.045% is measured by risk	lower the fair	\downarrow
			premium method, using Chunghwa Post	value. The lower	Floating rate of fair value
			Co. two-year small time deposits floating	the discount rate,	5.36%~-3.89%
			rate 1.095% plus 0.75%, taking the risk	the higher the fair	
			and risk premium into considerations.	value.	
			2016.12.31		
		Significant		Relationship	Sensitivity analysis of
	Valuation	Significant unobservable		Relationship between inputs	Sensitivity analysis of relationship between inputs
	Valuation techniques	•	Quantitative information	•	, ,
Investment		unobservable	Quantitative information According to the investment property	between inputs	relationship between inputs
Investment property	techniques	unobservable inputs		between inputs and fair value	relationship between inputs and fair value
	techniques Discounted Cash	unobservable inputs	According to the investment property	between inputs and fair value The higher the discount rate, the	relationship between inputs and fair value Discount rate
	techniques Discounted Cash	unobservable inputs	According to the investment property assessment rules issued by FSC, the	between inputs and fair value The higher the discount rate, the lower the fair	relationship between inputs and fair value Discount rate 1.545%~2.545% ↓
	techniques Discounted Cash	unobservable inputs	According to the investment property assessment rules issued by FSC, the discount rate 2.045% is measured by risk premium method, using Chunghwa Post Co. two-year small time deposits floating	between inputs and fair value The higher the discount rate, the lower the fair value. The lower the discount rate,	relationship between inputs and fair value Discount rate 1.545%~2.545% ↓
	techniques Discounted Cash	unobservable inputs	According to the investment property assessment rules issued by FSC, the discount rate 2.045% is measured by risk premium method, using Chunghwa Post	between inputs and fair value The higher the discount rate, the lower the fair value. The lower the discount rate,	relationship between inputs and fair value Discount rate 1.545%~2.545% ↓ Floating rate of fair value

<u>Valuation process used for fair value measurements categorized within 3rd 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 Company and subsidiaries' accounting policies at each reporting date.

C. Fair value measurement hierarchy of the Group's assets and liabilities not measured at fair value but for which the fair value is disclosed

	2017.9.30				
	Total	1st level	2 nd level	3 rd level	
Financial assets not measured at fair				_	
value for which only the fair value is					
disclosed					
Debt instrument investments for					
which no active market exists	\$2,766,585,273	\$330,719	\$2,765,170,484	\$1,084,070	
Held-to-maturity financial asset	S				
(Note)	105,815,683	26,046,457	75,172,779	4,596,447	
Other financial assets	4,532,582	-	4,532,582	-	

	2016.12.31				
	Total	1st level	2 nd level	3 rd level	
Financial assets not measured at fair					
value for which only the fair value is					
disclosed					
Debt instrument investments for					
which no active market exists	\$2,505,365,077	\$820,441	\$2,499,700,470	\$4,844,166	
Held-to-maturity financial assets	S				
(Note)	94,617,535	35,918,374	58,324,074	375,087	
Other financial assets	7,720,518	-	7,720,518	-	
		2016	5.9.30		
	Total	1st level	2 nd level	3 rd level	
Financial assets not measured at fair					
value for which only the fair value is					
disclosed					
Debt instrument investments for					
which no active market exists	\$2,415,040,645	\$393,874	\$2,411,781,484	\$2,865,287	
Held-to-maturity financial assets	S				
(Note)	93,335,212	37,418,939	55,508,519	407,754	
Other financial assets	7,522,718	-	7,522,718	-	

Note: Guarantee deposits paid in bonds are included.

(6) Transfers of Financial Assets

A. Financial Assets transferred that have not been fully removed

Transferred financial assets that are part of Cathay United Bank and Cathay Securities' 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 Cathay United Bank and Cathay Securities are obligated to buy back the transferred financial assets according to fixed prices in future periods. With respect to such transactions, Cathay United Bank and Cathay Securities will not be able to use, sell or pledge said transferred financial assets during the effective period however Cathay United Bank and Cathay Securities are still exposed to interest rate risk and credit risk, hence the assets are not removed.

The following table analyses Cathay United Bank's financial assets and financial liabilities that have not been fully removed:

			2017.9.30		
	Transferred	Related Financial	Transferred	Related Financial	
	Financial Assets	Liabilities	Financial Assets	Liabilities Fair	
Categories of financial assets	Carrying Value	Carrying value	Fair Value	value	Net fair value
Financial assets at fair value					
through profit or loss					
repurchase agreements	\$38,232,637	\$38,411,134	\$40,047,691	\$38,411,134	\$1,636,557
Available for sale financial					
assets repurchase agreements	25,689,199	25,616,299	25,601,898	25,616,299	(14,401)
Held to maturity financial					
assets repurchase agreements	24,118,410	23,986,727	24,118,707	23,986,727	131,980
Debt instrument investments					
for which no active market					
exists repurchase agreements	12,307,786	10,822,614	12,307,814	10,822,614	1,485,200
			2016.12.31		
	Transferred	Related Financial	Transferred	Related Financial	
	Financial Assets	Liabilities	Financial Assets	Liabilities Fair	
Categories of financial assets	Carrying Value	Carrying value	Fair 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
			2016.9.30		_
	Transferred	Related Financial	Transferred	Related Financial	
	Financial Assets	Liabilities	Financial Assets	Liabilities Fair	
Categories of financial assets	Carrying Value	Carrying value	Fair Value	value	Net fair value
Financial assets at fair value					
through profit or loss					
through profit or loss repurchase agreements	\$661,322	\$716,142	\$592,416	\$716,142	\$(123,726)
	\$661,322	\$716,142	\$592,416	\$716,142	\$(123,726)
repurchase agreements	\$661,322 7,667,225	\$716,142 14,421,701	\$592,416 13,704,086	\$716,142 14,421,701	\$(123,726) (717,615)
repurchase agreements Available for sale financial					

Transferred financial assets that are part of Cathay Securities' daily operations that do not meet the criteria for full removal are mostly made up of corporate bonds with repurchase agreements or equity securities lent out as part of securities lending agreement. The cash flows of these transactions have been transferred, and reflects the liability where Cathay Securities are obligated to buy back the transferred financial assets according to fixed prices in future periods. With respect to such transactions, Cathay Securities will not be able to use, sell or pledge said transferred financial assets during the effective period however Cathay Securities are still exposed to interest rate risk and credit risk, hence the assets are not removed.

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

	2017.9.30					
	Transferred	Related Financial	Transferred	Related Financial		
	Financial Assets	Liabilities	Financial Assets	Liabilities Fair		
Categories of financial assets	Carrying Value	Carrying value	Fair Value	value	Net fair value	
Financial assets at fair value						
through profit or loss						
Repurchase bonds	\$3,095,851	\$3,074,913	\$3,095,851	\$3,074,913	\$20,938	
			2016.12.31			
	Transferred	Related Financial	Transferred	Related Financial		
	Financial Assets	Liabilities	Financial Assets	Liabilities Fair		
Categories of financial assets	Carrying Value	Carrying value	Fair Value	value	Net fair value	
Financial assets at fair value						
through profit or loss						
Repurchase bonds	\$2,375,207	\$2,339,864	\$2,375,207	\$2,339,864	\$35,343	
			2016.9.30			
	Transferred	Related Financial	Transferred	Related Financial		
	Financial Assets	Liabilities	Financial Assets	Liabilities Fair		
Categories of financial assets	Carrying Value	Carrying value	Fair Value	value	Net fair value	
Financial assets at fair value						
through profit or loss						
Repurchase bonds	\$1,544,542	\$1,525,695	\$1,544,542	\$1,525,695	\$18,847	

(7) Management on financial risks

Cathay Life and its subsidiaries

A. Credit risk analysis

(A) Sources of credit risk

Credit risks from financial transactions include issuer credit risk, counterparty risk and underlying assets credit risk:

- a. Issuer credit risk represents a risk that Cathay Life may suffer financial losses for holding debt instruments or bank savings because the issuers (guarantors) or banks are not able to repay due to default, bankruptcy, liquidation or any other similar circumstances.
- b. Counterparty credit risk refers to the risk that the counterparty will not meet its obligations to perform or pay as and when due and, as a result, Cathay Life will bear financial losses.
- c. Underlying asset credit risk means the risk that Cathay Life may suffer losses arising from deterioration of the credit quality and/or credit rating, increase of credit risk premium or breach of any contract terms of any underlying assets to certain financial instruments.

(B) Concentration risk

Regional distribution of credit risk exposure for financial assets of Cathay Life:

2017.9.30

					Emerging markets	
Financial assets	Taiwan	Asia	Europe	North America	and others	Total
Cash and cash equivalents	\$222,412,842	\$72,266	\$95,471	\$56,535,450	\$12,957,405	\$292,073,434
Financial assets at fair value through						
profit or loss	4,076,678	901,984	3,583,417	3,087,383	-	11,649,462
Available-for-sale financial assets	180,689,628	24,129,847	38,904,360	123,994,554	133,370,521	501,088,910
Derivative financial assets for hedging	105,671	-	1,342	161,925	-	268,938
Debt instrument investments for which						
no active market exists	99,785,310	141,529,286	466,139,991	1,036,192,033	582,341,588	2,325,988,208
Held-to-maturity financial assets	35,392,792	1	ı	6,539,187	-	41,931,979
Other financial assets	1,000,000	1	3,500,000	ı	-	4,500,000
Total	\$543,462,921	\$166,633,383	\$512,224,581	\$1,226,510,532	\$728,669,514	\$3,177,500,931
Proportion	17.1%	5.3%	16.1%	38.6%	22.9%	100.0%

2016.12.31

Financial assets	Taiwan	Asia	Europe	North America	Emerging markets and others	Total
Cash and cash equivalents	\$87,108,982	\$154,207	\$214,434	\$50,897,880	\$2,250,356	\$140,625,859
Financial assets at fair value through						
profit or loss	5,912,042	159,986	436,867	900,477	-	7,409,372
Available-for-sale financial assets	208,994,073	21,188,062	47,296,352	146,039,840	132,691,256	556,209,583
Derivative financial assets for hedging	70,905	ı	6,036	155,328	-	232,269
Debt instrument investments for which						
no active market exists	79,879,337	131,219,394	422,728,136	939,595,037	543,161,710	2,116,583,614
Held-to-maturity financial assets	26,551,251	1	-	-	-	26,551,251
Other financial assets	4,161,395	-	3,500,000	-	-	7,661,395
Total	\$412,677,985	\$152,721,649	\$474,181,825	\$1,137,588,562	\$678,103,322	\$2,855,273,343
Proportion	14.5%	5.3%	16.6%	39.8%	23.8%	100.0%

2016.9.30

					Emerging	
					markets	
Financial assets	Taiwan	Asia	Europe	North America	and others	Total
Cash and cash equivalents	\$136,011,283	\$75,187	\$110,015	\$73,014,064	\$28,330,374	\$237,540,923
Financial assets at fair value through						
profit or loss	13,012,313	488,951	10,345,483	5,583,624	611,980	30,042,351
Available-for-sale financial assets	221,645,520	20,381,390	54,192,124	120,495,659	134,021,907	550,736,600
Derivative financial assets for hedging	163,970	1	9,417	283,152	-	456,539
Debt instrument investments for which						
no active market exists	91,718,704	118,138,309	385,863,687	826,230,438	482,870,389	1,904,821,527
Held-to-maturity financial assets	25,058,878	-	-	-	-	25,058,878
Other financial assets	4,000,000	-	3,500,000	-	-	7,500,000
Total	\$491,610,668	\$139,083,837	\$454,020,726	\$1,025,606,937	\$645,834,650	\$2,756,156,818
Proportion	17.9%	5.0%	16.5%	37.2%	23.4%	100.0%

(C) Credit Quality

Classification of credit quality for financial assets of Cathay Life:

2017.9.30

	Normal assets					
		Non-investment	Past due but not		Provision for	
Financial assets	Investment grade	grade or unrated	impaired	Impaired	impairment	Total
Cash and cash equivalents	\$292,073,434	\$-	\$-	\$-	\$-	\$292,073,434
Financial assets at fair value through						
profit or loss	10,040,604	1,608,858	-	-	-	11,649,462
Available-for-sale financial assets	428,538,214	72,550,696	-	-	-	501,088,910
Derivative financial assets for hedging	268,938	1	-	1	-	268,938
Debt instrument investments for which						
no active market exists	2,266,081,868	59,906,340	-	393,965	(393,965)	2,325,988,208
Held-to-maturity financial assets	41,931,979	1	-	-	-	41,931,979
Other financial assets	4,500,000	1	-	-	-	4,500,000
Total	\$3,043,435,037	\$134,065,894	\$-	\$393,965	\$(393,965)	\$3,177,500,931
Proportion	95.8%	4.2%	-	-	-	100.0%

2016.12.31

	Norma	l assets								
		Non-investment	Past due but not		Provision for					
Financial assets	Investment grade	grade or unrated	impaired	Impaired	impairment	Total				
Cash and cash equivalents	\$140,625,859	\$-	\$-	\$-	\$-	\$140,625,859				
Financial assets at fair value through										
profit or loss	5,596,015	1,813,357	-	-	-	7,409,372				
Available-for-sale financial assets	489,718,539	66,491,044	-			556,209,583				
Derivative financial assets for hedging	232,269	-	-	-	-	232,269				
Debt instrument investments for which										
no active market exists	2,047,651,043	68,932,571	-	419,627	(419,627)	2,116,583,614				
Held-to-maturity financial assets	26,551,251	-	-	-	-	26,551,251				
Other financial assets	7,661,395	-	-	-	-	7,661,395				
Total	\$2,718,036,371	\$137,236,972	\$-	\$419,627	\$(419,627)	\$2,855,273,343				
Proportion	95.2%	4.8%	-	-	-	100.0%				

2016.9.30

	Norma	Normal assets				
		Non-investment	Past due but not		Provision for	
Financial assets	Investment grade	grade or unrated	impaired	Impaired	impairment	Total
Cash and cash equivalents	\$237,540,923	\$-	\$-	\$-	\$-	\$237,540,923
Financial assets at fair value through						
profit or loss	28,433,405	1,608,946	-	-	-	30,042,351
Available-for-sale financial assets	484,371,070	66,365,530	-	-	-	550,736,600
Derivative financial assets for hedging	456,539	-	-	1	-	456,539
Debt instrument investments for which						
no active market exists	1,851,153,259	53,668,268	-	407,758	(407,758)	1,904,821,527
Held-to-maturity financial assets	25,058,878	-	-	1	-	25,058,878
Other financial assets	7,500,000	-	-	1	-	7,500,000
Total	\$2,634,514,074	\$121,642,744	\$-	\$407,758	\$(407,758)	\$2,756,156,818
Proportion	95.6%	4.4%	-	-	-	100.0%

Note: Investment grade assets refer to those with credit rating of at least BBB- granted by a credit rating agency; non-investment grade assets are those with credit rating lower than BBB- granted by a credit rating agency.

(D) Regional distribution of credit risk exposure for secured loans and overdue receivables:

2017.9.30

	Northern and				
Location	eastern areas	Central area	Southern area	Overseas	Total
Secured loans	\$316,023,705	\$50,119,641	\$77,209,705	\$2,154,754	\$445,507,805
Overdue					
receivables	203,140	23,126	59,504	-	285,770
Total	\$316,226,845	\$50,142,767	\$77,269,209	\$2,154,754	\$445,793,575
Proportion	71%	11%	17%	1%	100%

2016.12.31

	Northern and				
Location	eastern areas	Central area	Southern area	Overseas	Total
Secured loans	\$317,414,591	\$49,707,033	\$77,800,104	\$-	\$444,921,728
Overdue receivables	202,100	22,926	75,299	1	300,325
Total	\$317,616,691	\$49,729,959	\$77,875,403	\$-	\$445,222,053
Proportion	71%	11%	18%	-	100%

2016.9.30

	Northern and				
Location	eastern areas	Central area	Southern area	Overseas	Total
Secured loans	\$315,965,834	\$50,288,982	\$82,009,454	\$-	\$448,264,270
Overdue					
receivables	272,019	112,320	96,959	-	481,298
Total	\$316,237,853	\$50,401,302	\$82,106,413	\$-	\$448,745,568
Proportion	71%	11%	18%	-	100%

(E) Secured loans and overdue receivables

2017.9.30

Secured loans and	Neither past due nor impaired		Past due but		Total	Provision for		
Overdue receivables	Excellent	Good	Normal	not impaired	Impaired	(EIR Principal)	impairment	Net
Consumer finance	\$297,248,724	\$77,489,667	\$35,259,849	\$222,764	\$3,251,807	\$413,472,811	\$5,906,477	\$407,566,334
Corporate finance	26,869,338	4,919,804	448,002	-	83,620	32,320,764	260,787	32,059,977
Total	\$324,118,062	\$82,409,471	\$35,707,851	\$222,764	\$3,335,427	\$445,793,575	\$6,167,264	\$439,626,311

2016.12.31

Secured loans and	Neither past due nor impaired		Past due but		Total	Provision for		
Overdue receivables	Excellent	Good	Normal	not impaired	Impaired	(EIR Principal)	impairment	Net
Consumer finance	\$243,209,527	\$117,269,110	\$52,440,764	\$198,646	\$3,336,620	\$416,454,667	\$5,873,070	\$410,581,597
Corporate finance	23,812,636	4,239,528	616,002	-	99,220	28,767,386	243,337	28,524,049
Total	\$267,022,163	\$121,508,638	\$53,056,766	\$198,646	\$3,435,840	\$445,222,053	\$6,116,407	\$439,105,646

2016.9.30

Secured loans and	Neither past due nor impaired			Past due but		Total	Provision for	
Overdue receivables	Excellent	Good	Normal	not impaired	Impaired	(EIR Principal)	impairment	Net
Consumer finance	\$245,168,108	\$118,213,485	\$52,863,073	\$291,691	\$3,468,978	\$420,005,335	\$5,567,190	\$414,438,145
Corporate finance	23,500,172	4,296,742	616,001	97,266	230,052	28,740,233	321,804	28,418,429
Total	\$268,668,280	\$122,510,227	\$53,479,074	\$388,957	\$3,699,030	\$448,745,568	\$5,888,994	\$442,856,574

(F) Ageing analysis of past due but not impaired secured loans and overdue receivables:

Based on the historical default rate, Cathay Life believes that provision for loans past due within a month is not necessary unless indicator of impairment exists.

Past due but not impaired

	Due in 1~2 months	Due in 2~3 months	Total
30 September 2017	\$198,304	\$24,460	\$222,764
31 December 2016	164,117	34,529	198,646
30 September 2016	314,285	74,672	388,957

B. Liquidity risk analysis

(A) Sources of liquidity risk

Liquidity risks of the financial instruments are classified as "funding liquidity risk" and "market liquidity risk". "Funding liquidity risk" represents the default risk that Cathay Life is unable to turn assets into cash or obtain sufficient funds. "Market liquidity risk" represents the risk of significant changes in fair value that Cathay Life faces when it sells or offsets its assets during market disorder.

(B) Liquidity risk management

Cathay Life assesses the characteristics of business, monitors short-term cash flows, and constructs the completed mechanism of liquidity risk management. Furthermore, Cathay Life manages market liquidity risk cautiously by considering market trading volumes and adequacy of holding positions with symmetric.

Cathay Life uses cash flow model and stress testing to assess cash flow risk based on actual management needs or special situation. Also, for abnormal and urgent financing needs, Cathay Life makes an emergency management operating procedure to deal with significant liquidity risks.

(C) Maturity analysis of financial liabilities:

The analysis of cash outflows to Cathay Life and its subsidiaries is listed below and based on the residual term to maturity on balance sheet date. The disclosed amounts are in conformity of contract cash flows and the results of the differences from the disclosed amounts on balance sheet.

a. Maturity analysis of derivative financial liability:

	Less than	Due in	Due in	Due in		
2017.9.30	six months	6~12 months	1~2 years	2~5 years	Over 5 years	Total
Short-term debts	\$53,693,777	\$1,459,440	\$98,429	\$70,543	\$3,872,810	\$59,194,999
Payables	252,179	705,670	2,415,000	7,245,000	82,074,821	92,692,670
Preferred stock liability	-	-	5,103,447	-	-	5,103,447

	Less than	Due in	Due in	Due in		
2016.12.31	six months	6~12 months	1~2 years	2~5 years	Over 5 years	Total
Short-term debts	\$46,444	\$-	\$-	\$-	\$-	\$46,444
Payables	24,023,143	161,436	97,186	70,924	1	24,352,689
Bonds payables	=	1,260,000	1,260,000	3,780,000	41,234,411	47,534,411
Preferred stock liability	-	-	5,173,005	-	-	5,173,005

	Less than	Due in	Due in	Due in		
2016.9.30	six months	6~12 months	1~2 years	2~5 years	Over 5 years	Total
Short-term debts	\$117,558	\$-	\$-	\$-	\$-	\$117,558
Payables	22,388,924	1,101,373	78,966	53,108	1	23,622,371
Preferred stock liability	10,008,716	23,377	93,000	5,080,005	-	15,205,098

b. Maturity analysis of derivative financial liability:

	Less than	Due in	Due in	Due in		
2017.9.30	six months	6~12 months	1~2 years	2~5 years	Over 5 years	Total
IRS	\$31,682	\$19,651	\$29,642	\$(774)	\$-	\$80,201
Forward	1,816,926	725,393	1	1	1	2,542,319
CS	9,167,706	3,153,270	-	-	1	12,320,976

	Less than	Due in	Due in	Due in		
2016.12.31	six months	6~12 months	1~2 years	2~5 years	Over 5 years	Total
IRS	\$30,094	\$25,847	\$47,231	\$3,278	\$-	\$106,450
Forward	3,439,114	1,524,029	92,750	1	-	5,055,893
CS	25,588,589	294,288	ı	-	-	25,882,877
Option	6,304	-	-	-	-	6,304

	Less than	Due in	Due in	Due in		
2016.9.30	six months	6~12 months	1~2 years	2~5 years	Over 5 years	Total
IRS	\$30,437	\$29,582	\$73,176	\$21,386	\$-	\$154,581
Forward	600,497	-	1	-	1	600,497
CS	1,261,975	-	1	-	1	1,261,975
Option	22,506	-	-	-	-	22,506

C. Market risk analysis

(A) Sources of market risk

Market risk is the risk of losses or decrease in value of portfolio in positions arising from movements in exchange rate, product price, interest rate, credit spread, and stock price.

(B) Cathay Life and its subsidiaries assesses, monitors, and manages market risks completely and effectively by applying Value at Risk ("VaR") and stress testing consistently.

a. Value at Risk

Value-at-Risk ("VaR") is the maximum loss on the portfolio with a given probability defined as the confidence level, over a given period of time. Cathay Life and its subsidiaries uses one-week 95% and 99% VaR to measure market risk.

b. Stress testing

Cathay Life and its subsidiaries measure and evaluate potential risks of the occurrence of extreme and abnormal events regularly in addition to Value at Risk models.

Cathay Life and its subsidiaries performs position stress testing regularly by using "Simple Sensitivity" and "Scenario Analysis" methods. The test is capable of representing the position loss resulted from the movement of a specific risk factor under different kinds of historical scenarios:

(a) Simple Sensitivity

Simple Sensitivity is to measure the dollar amount change for the portfolio value from the movement of specific risk factors.

(b) Scenario Analysis

Scenario Analysis is to measure the dollar amount changes for the total value of investment positions if possible future events occur. The types of scenario include:

(i) Historical scenario

In consideration of the fluctuation of risk factors when a specific historical event happened, Cathay Life simulates what the dollar amount of losses for the current investment portfolio would be in the same period of time.

(ii) Hypothetical scenario

Cathay Life makes hypothesis with rational expectations from the extreme market movements to assess the dollar amount of losses for the investment position by taking into consideration the movement of relevant risk factors.

Risk management department performs the stress testing with historical and hypothetical scenarios regularly. Cathay Life's risk analysis, early warning, and business management are in accordance with the stress testing report.

Table of Stress Testing 2017.1.1~2017.9.30

Risk Factors	Changes (+/-)	Gain (loss)
Equity risk (Price)	Price decreases by 10%	\$(62,858,233)
Interest rate risk (Yield	The main yield curve shifts	(40,908,908)
curve)	up by 100 bps	(40,700,700)
Exchange risk (Foreign	Appreciation of NTD to all	(7,392,593)
exchange rate)	foreign currencies by 1%	(1,372,373)

Table of Stress Testing 2016.1.1~2016.9.30

2010:1:1 2010:7:20					
Risk Factors	Changes (+/-)	Gain (loss)			
Equity risk (Price)	Price decreases by 10%	\$(55,625,780)			
Interest rate risk (Yield	The main yield curve shifts	(41,011,181)			
curve)	up by 100 bps				
Exchange risk (Foreign	Appreciation of NTD to all	(6,713,274)			
exchange rate)	foreign currencies by 1%				

Note1: Impacts of credit spread changes are not included

Note2: Effects of hedging are included

Note3: Information of subsidiaries is excluded considering the insignificant impact from subsidiaries.

c. Sensitivity Analysis

Summarization of Sensitivity Analysis

2017.1.1~2017.9.30

			Change in	Change in
Risk Factors	Variables (+/-)		Income	Equity
Foreign currency risk	USD/NTD appreciates 1%		\$2,684,672	\$4,781,847
	CNY(CNH)/USD	appreciates 1%	801,353	461,004
	HKD/USD	appreciates 1%	8,377	393,385
	EUR/USD	appreciates 1%	(60,462)	111,700
	GBP/USD	appreciates 1%	(3,061)	12,025
Interest rate risk	Yield curve (USD)	parallelly shifts up 1 bp	(3,169)	(195,081)
	Yield curve (AUD)	parallelly shifts up 1 bp	-	(3,205)
	Yield curve (EUR)	parallelly shifts up 1 bp	(762)	(3,028)
	Yield curve (NTD)	parallelly shifts up 1 bp	1,612	(180,103)
Equity price risk	Equity price increases	1%	75,105	6,200,334

Summarization of Sensitivity Analysis

2016.1.1~2016.9.30

			Change in	Change in
Risk Factors	Variables (+/-)		Income	Equity
Foreign currency risk	USD/NTD appreciates 1%		\$2,246,621	\$4,533,767
	CNY(CNH)/USD	appreciates 1%	1,059,594	243,029
	HKD/USD	appreciates 1%	14,952	566,456
	EUR/USD	appreciates 1%	14,204	138,487
	GBP/USD	appreciates 1%	9,667	17,588
Interest rate risk	Yield curve (USD)	parallelly shifts up 1 bp	(824)	(157,634)
	Yield curve (AUD)	parallelly shifts up 1 bp	-	(56)
	Yield curve (EUR)	parallelly shifts up 1 bp	-	(15,744)
	Yield curve (NTD)	parallelly shifts up 1 bp	294	(205,959)
Equity price risk	Equity price increases	1%	9,854	5,559,466

- Note 1: Impacts of credit charges are not included.
- Note 2: Effects of hedging are included.
- Note 3: Impacts of change in income are not included in the calculation of change in equity.
- Note 4: Profit and loss on the changes in foreign currency risk sensitivity does not consider the impact from reserving or reversing foreign exchange volatility reserve.
- Note 5: Information of subsidiaries is excluded considering the insignificant impact from subsidiaries.

Cathay United Bank and its subsidiaries

A. Risk control and hedging strategy

Cathay United Bank's risk control and hedging strategy followed the requirement of customer service-oriented banking industry and regulatory environment. In order to comply with the above requirements, Cathay United Bank adopted different risk management methods to identify its risks and Cathay United 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.

Cathay United 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 Cathay United Bank's credit risk, market risk and operating 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 Cathay United Bank's business unit brought up for discussion.
- (E) Other issues.

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

B. 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.

Cathay United 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 Cathay United 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 Cathay United 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.

(A) Market risk management process

a. Identification and measurement

The operating department and risk management department of Cathay United 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. Cathay United 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 be report to the executive management for approval and report to the board of directors regularly.

(B) 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, Cathay United 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

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

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) Cathay United 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.

(C) 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

Cathay United Bank prudently chooses 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, Cathay United 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) Cathay United Bank measures the investment portfolio's interest risk exposure monthly.

(D) Interest risk management of banking book

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

a. Strategy

Interest risk management enhances Cathay United 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, Cathay United Bank identifies the repricing risk of interest rate, yield curve risk, basis risk and options risk characteristics. In additional, Cathay United Bank also measures the potential impact of interest rate changes on the profit and economic value of Cathay United Bank. Cathay United 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 rate risk of Cathay United 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, Cathay United 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.

(E) Foreign exchange risk management

a. Definition of foreign exchange risk

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

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

In order to control foreign exchange risk, Cathay United Bank sets the limits of transaction and stop-loss limits for the dealing room and traders. Meanwhile, Cathay United 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, Cathay United 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.

(F) Risk management of equity securities price

a. Definition of risk of equity securities price

The market risk of equity securities held by Cathay United 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 Cathay United 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

Cathay United Bank sets investment limit on industries, using the β value to measure the investment portfolio affected by the systemic risk monthly. The stoploss 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. Measured methodology

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

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

Cathay United 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. Cathay United Bank applies historical simulation with a statistic confidence of 99% to extrapolate the VaR of one-year fluctuations. The following table indicates that VaR is the estimated based on the 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.

2017.9.30							
Factors of market risk Average balance Maximum balance Minimum b							
Interest rate	\$1,498,085	\$2,000,760	\$1,105,164				
Foreign exchange	320,696	554,769	135,664				
Equity Securities price	208,592	303,251	118,192				

2016.12.31							
Factors of market risk	Average balance	Maximum balance	Minimum balance				
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				

2016.9.30							
Factors of market risk	Average balance	Maximum balance	Minimum balance				
Interest rate	\$1,105,975	\$2,000,760	\$707,624				
Foreign exchange	468,025	619,473	309,051				
Equity Securities price	278,202	534,899	145,468				

Cathay United 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 Cathay United Bank's exposure to risks and to generate revenues through trading activities. Cathay United Bank trades derivative instruments on behalf of customers and for its own positions. Cathay United Bank provides derivative contracts to address customers' demands for customized derivatives and also takes proprietary positions for its own accounts.

(G) Stress testing

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

	Stress Test							
Market/ Product	Scenarios	2017.09.30	2016.12.31	2016.09.30				
Cto als Maulsat	Major Stock Exchanges +15%	\$1,755,340	\$1,781,090	\$1,618,960				
Stock Market	Major Stock Exchanges -15%	(1,755,340)	(1,781,090)	(1,479,300)				
Interest Rate/	Major Interest Rate + 100bp	(9,968,450)	(6,797,830)	(8,621,780)				
Bond Market	Major Interest Rate - 100bp	10,246,800	6,773,150	8,984,660				
Foreign Exchange	Major Currencies + 3%	6,819,728	5,703,175	5,748,475				
Market	Major Currencies - 3%	(6,818,322)	(5,703,175)	(5,748,385)				
	Major Stock Exchanges -15%							
Composite	Major Interest Rate + 100bp	(4,904,062)	(2,875,745)	(4,352,605)				
	Major Currencies +3%							

(H) 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. Cathay United Bank's interest ratesensitive 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. Cathay United Bank's equity portfolios include stocks and equity index options.

2017 0 30

Market risk factor sensitivity of Cathay United Bank

		2017.	9.30
		Sensitivity of	Sensitivity
		profit or loss	of equity
Foreign exchange rate factor sensitivity			
(FX Delta)	USD+1%	\$1,378,369	\$424
	HKD+1%	3,035	275
	JPY+1%	5,977	-
	AUD+1%	130,505	-
	CNY+1%	408,729	6,135
Interest rate factor sensitivity (PVBP)	Yield curves (USD) parallel shift+1bp	(35,617)	(9,720)
	Yield curves (HKD) parallel shift+1bp	(7)	-
	Yield curves (JPY) parallel shift+1bp	(214)	-
	Yield curves (AUD) parallel shift+1bp	(1,064)	(1,195)
	Yield curves (CNY) parallel shift+1bp	(6,634)	(17,042)
Equity securities price factor sensitivity	Equity securities price factor+1bp		
(Equity Delta)		-	117,022
		2016.	12.31
		2016. Sensitivity of	12.31 Sensitivity
Foreign exchange rate factor sensitivity		Sensitivity of	Sensitivity
Foreign exchange rate factor sensitivity (FX Delta)	USD+1%	Sensitivity of	Sensitivity
	USD+1% HKD+1%	Sensitivity of profit or loss	Sensitivity of equity
		Sensitivity of profit or loss \$620,573	Sensitivity of equity \$523
	HKD+1%	Sensitivity of profit or loss \$620,573 3,576	Sensitivity of equity \$523
	HKD+1% JPY+1%	Sensitivity of profit or loss \$620,573 3,576 8,865	Sensitivity of equity \$523
(FX Delta)	HKD+1% JPY+1% AUD+1%	Sensitivity of profit or loss \$620,573 3,576 8,865 86,912	Sensitivity of equity \$523 1,142
(FX Delta)	HKD+1% JPY+1% AUD+1% CNY+1%	\$620,573 3,576 8,865 86,912 256,047	\$523 1,142 - 25,929
(FX Delta)	HKD+1% JPY+1% AUD+1% CNY+1% Yield curves (USD) parallel shift+1bp	Sensitivity of profit or loss \$620,573 3,576 8,865 86,912 256,047 (2,558)	Sensitivity of equity \$523 1,142 - 25,929 (36,101)
(FX Delta)	HKD+1% JPY+1% AUD+1% CNY+1% Yield curves (USD) parallel shift+1bp Yield curves (HKD) parallel shift+1bp	\$620,573 3,576 8,865 86,912 256,047 (2,558) (1)	\$523 1,142 - 25,929 (36,101) (24)
(FX Delta)	HKD+1% JPY+1% AUD+1% CNY+1% Yield curves (USD) parallel shift+1bp Yield curves (HKD) parallel shift+1bp Yield curves (JPY) parallel shift+1bp	\$620,573 3,576 8,865 86,912 256,047 (2,558) (1)	Sensitivity of equity \$523 1,142 - 25,929 (36,101) (24) (262)
(FX Delta)	HKD+1% JPY+1% AUD+1% CNY+1% Yield curves (USD) parallel shift+1bp Yield curves (HKD) parallel shift+1bp Yield curves (AUD) parallel shift+1bp Yield curves (AUD) parallel shift+1bp	Sensitivity of profit or loss \$620,573 3,576 8,865 86,912 256,047 (2,558) (1) (11)	\$523 1,142 - 25,929 (36,101) (24) (262) (2,959)
(FX Delta) Interest rate factor sensitivity (PVBP)	HKD+1% JPY+1% AUD+1% CNY+1% Yield curves (USD) parallel shift+1bp Yield curves (HKD) parallel shift+1bp Yield curves (AUD) parallel shift+1bp Yield curves (AUD) parallel shift+1bp	Sensitivity of profit or loss \$620,573 3,576 8,865 86,912 256,047 (2,558) (1) (11)	\$523 1,142 - 25,929 (36,101) (24) (262) (2,959)

		2016.	9.30
		Sensitivity of	Sensitivity
		profit or loss	of equity
Foreign exchange rate factor sensitivity	,		
(FX Delta)	USD+1%	\$1,224,155	\$258
	HKD+1%	3,466	655
	JPY+1%	5,679	-
	AUD+1%	116,431	-
	CNY+1%	343,802	25,349
Interest rate factor sensitivity (PVBP	Yield curves (USD) parallel shift+1bp	(3,842)	(32,159)
	Yield curves (HKD) parallel shift+1bp	(1)	(31)
	Yield curves (JPY) parallel shift+1bp	(1)	(311)
	Yield curves (AUD) parallel shift+1bp	-	(733)
	Yield curves (CNY) parallel shift+1bp	(859)	(17,614)
Equity securities price factor sensitivity	Equity securities price factor+1bp		
(Equity Delta)		-	105,777

C. Credit risk

Credit risk represents the risk of loss that Cathay United Bank and its subsidiaries would incur if a counterparty fails to perform its contractual obligations.

To centralize risk management functions currently handled by different departments, Cathay United 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. Cathay United 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. Cathay United Bank performs periodic and systematic detailed reviews of its lending portfolios to identify credit risks and to assess the overall collectability of those portfolios.

Cathay United Bank and its subsidiaries maintain 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 Cathay United Bank and its subsidiaries retain 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 Cathay United 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 Cathay United 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, Cathay United Bank established the regulations governing the procedure to deal with non-performing loans, non-accrual loans and bad debts.

(B) Grade of credit quality

Cathay United 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 the risk management.

In order to measure the credit risk of the clients, Cathay United Bank employs the statistic methods and the professional judgment from the experts. Cathay United 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 conformed to the reality and revised every parameter to optimize the results.

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

The credit quality of Cathay United 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, Cathay United Bank executes the relevant verification and test in 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

Cathay United 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

Cathay United 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, Cathay United Bank sets the scope available as collaterals and the procedures of appraising, managing, and disposing of 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, Cathay United Bank may reduce the limit, cut down the payback period, or deem all debts mature. Also, Cathay United Bank will use the deposits that the borrowers lodged in Cathay United 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.

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

To avoid the excessive risk concentration, Cathay United Bank limits the credit amounts of single counterparties and groups; Cathay United 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, Cathay United 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

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

(D) Cathay United 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. Cathay United Bank

Off halamas short itams	Maximum exposure to credit risk					
Off balance sheet items	2017.09.30	2016.12.31	2016.09.30			
Irrevocable loan commitments	\$163,638,252	\$182,538,242	\$137,828,232			
Credit card commitments	613,949,899	584,566,895	568,249,907			
Unused commercial letters of credit	3,519,231	3,741,879	3,906,843			
Guarantees on duties and contracts	7,247,707	7,141,798	6,852,694			
Total	\$788,355,089	\$777,988,814	\$716,837,676			

b. Indovina Bank

0661-1	Maximum exposure to credit risk				
Off balance sheet items	2017.09.30	2016.12.31	2016.09.30		
Unused commercial letters of credit	\$1,339,834	\$841,466	\$826,539		
Finance guarantee contracts	2,606,744	2,865,926	2,062,410		
Total	\$3,946,578	\$3,707,392	\$2,888,949		

c. CUBC Bank

0661-1111	Maximum exposure to credit risk					
Off balance sheet items	2017.09.30	2016.12.31	2016.09.30			
Irrevocable loan commitments	\$895,457	\$546,423	\$667,438			
Credit card lines commitments	358,640	328,186	347,527			
Unused commercial letters of credit	-	3,223	792			
Finance guarantee contracts	45,292	63,479	57,136			
Total	\$1,299,389	\$941,311	\$1,072,893			

To reduce the risk from any businesses, Cathay United Bank conducts an overall assessment and takes appropriate risk reduction measures, such as obtaining collaterals and guarantors. For obtaining of collaterals, Cathay United 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 Cathay United Bank and its subsidiaries able to control and minimize the credit risk exposures in off-balance-sheet items as Cathay United Bank and its subsidiaries use more strict rating procedures when extending credits and conduct reviews regularly.

(E) Credit concentration risk of Cathay United Bank and its subsidiaries

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 Cathay United Bank and its subsidiaries derives from the assets, liabilities and off-balance-sheet items, and arises 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. Cathay United Bank and its subsidiaries do not significantly concentrate on a single client or counterparty, and the transaction amount with a single client or counterparty accounted for Cathay United Bank's total bills discounts and loans and overdue receivables is not significant. Discounts and loans, guarantees, bills purchased, and acceptances receivable of Cathay United Bank and its subsidiaries according to industry and country are listed below:

	2017.09.3	80	2016.12.3	31	2016.09.30		
Item	amount	%	amount	%	amount	%	
Industry type							
Manufacturing	\$89,729,631	5.94	\$80,057,522	5.46	\$83,666,973	6.27	
Financial institutions							
and insurance	63,005,854	4.17	52,975,202	3.61	46,010,258	3.45	
Leasing and real							
estate	118,316,563	7.83	115,994,786	7.90	107,049,135	8.02	
Individuals	801,070,350	53.00	726,970,977	49.52	671,660,909	50.35	
Others	439,285,029	29.06	491,942,342	33.51	425,806,567	31.91	
Total	\$1,511,407,427	100.00	\$1,467,940,829	100.00	\$1,334,193,842	100.00	
	2017.09.3	80	2016.12.31		2016.09.30		
Item	amount	%	amount	%	amount	%	
Geographic Region							
Domestic	\$1,277,199,665	84.50	\$1,262,746,943	86.02	\$1,193,186,033	89.43	
Asia	131,129,260	8.68	116,804,425	7.96	69,633,843	5.22	
America	28,666,148	1.90	24,369,284	1.66	20,521,217	1.54	
Others	74,412,354	4.92	64,020,177	4.36	50,852,749	3.81	
Total	\$1,511,407,427	100.00	\$1,467,940,829	100.00	\$1,334,193,842	100.00	

(F) Credit quality analysis of the financial assets

Some of the financial assets held by Cathay United Bank and its subsidiaries, 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 Cathay United Bank

								Impairment	allowances	
	N	leither past du	e nor impaire	d				(I	O)	
								With	Without	
								objective	objective	
					Past due but			evidence of	evidence of	Net balance
					not impaired	Impaired	Total	impairment	impairment	(A)+(B)+(C)-
2016.9.30	Excellent	Good	Average	Subtotal(A)	(B)	(C)	(A)+(B)+(C)	individual	individual	(D)
Receivables										
Credit card										
business	\$48,158,500	\$9,735,482	\$3,242,637	\$61,136,619	\$157,718	\$165,548	\$61,459,885	\$133,775	\$1,243,959	\$60,082,151
Others	22,575,256	2,808,632	52,605	25,436,493	7,024	47,472	25,490,989	16,175	1,336,579	24,138,235
Loans	987,499,404	422,940,424	37,854,323	1,448,294,151	1,037,396	17,386,573	1,466,718,120	3,677,322	18,306,525	1,444,734,273

								Impairment	allowances	
	N	leither past du	e nor impaire	d				(I	D)	
								With	Without	
								objective	objective	
					Past due but			evidence of	evidence of	Net balance
					not impaired	Impaired	Total	impairment	impairment	(A)+(B)+(C)-
2016.9.30	Excellent	Good	Average	Subtotal(A)	(B)	(C)	(A)+(B)+(C)	individual	individual	(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
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

								Impairment	allowances	
	Neither past due nor impaired					(I	D)			
								With	Without	
								objective	objective	
					Past due but			evidence of	evidence of	Net balance
					not impaired	Impaired	Total	impairment	impairment	(A)+(B)+(C)-
2016.9.30	Excellent	Good	Average	Subtotal(A)	(B)	(C)	(A)+(B)+(C)	individual	individual	(D)
Receivables										
Credit card										
business	\$42,124,218	\$9,377,826	\$3,299,575	\$54,801,619	\$159,272	\$159,137	\$55,120,028	\$128,704	\$1,022,219	\$53,969,105
Others	12,118,695	6,573,131	160,575	18,852,401	20,852	73,893	18,947,146	41,467	2,909,602	15,996,077
Loans	850,606,240	393,021,359	33,783,111	1,277,410,710	848,441	14,516,685	1,292,775,836	3,089,633	15,859,992	1,273,826,211

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

2017.9.30 Excellent Good Average Total Consumer banking Residential mortgage loans \$288,876,665 \$62,340,946 \$9,354,736 \$360,572,347 Unsecured personal loans 31,713,729 17,506,818 5,179,439 54,399,986 Other 344,557,929 68,018,306 7,972,328 420,548,563 Corporate banking Secured 39,862,397 175,830,543 12,123,730 227,816,670 Unsecured 282,488,684 99,243,811 3,224,090 384,956,585 Total \$987,499,404 \$422,940,424 \$37,854,323 \$1,448,294,151 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	,				
Residential mortgage loans \$288,876,665 \$62,340,946 \$9,354,736 \$360,572,347 Unsecured personal loans 31,713,729 17,506,818 5,179,439 54,399,986 Other 344,557,929 68,018,306 7,972,328 420,548,563 Corporate banking 39,862,397 175,830,543 12,123,730 227,816,670 Unsecured 282,488,684 99,243,811 3,224,090 384,956,585 Total \$987,499,404 \$422,940,424 \$37,854,323 \$1,448,294,151 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	2017.9.30	Excellent	Good	Average	Total
Unsecured personal loans 31,713,729 17,506,818 5,179,439 54,399,986 Other 344,557,929 68,018,306 7,972,328 420,548,563 Corporate banking Secured 39,862,397 175,830,543 12,123,730 227,816,670 Unsecured 282,488,684 99,243,811 3,224,090 384,956,585 Total \$987,499,404 \$422,940,424 \$37,854,323 \$1,448,294,151 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	Consumer banking				
Other 344,557,929 68,018,306 7,972,328 420,548,563 Corporate banking Secured 39,862,397 175,830,543 12,123,730 227,816,670 Unsecured 282,488,684 99,243,811 3,224,090 384,956,585 Total \$987,499,404 \$422,940,424 \$37,854,323 \$1,448,294,151 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 2016.9.30 Excellent Good Average Total Consumer	Residential mortgage loans	\$288,876,665	\$62,340,946	\$9,354,736	\$360,572,347
Corporate banking Secured 39,862,397 175,830,543 12,123,730 227,816,670 Unsecured 282,488,684 99,243,811 3,224,090 384,956,585 Total \$987,499,404 \$422,940,424 \$37,854,323 \$1,448,294,151 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 332,10,000 169,692,228 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 2016.9.30 Excellent Good Average Total Consumer banking \$243,200,015 \$62,426,029 \$10,575,570 \$316,201,61	Unsecured personal loans	31,713,729	17,506,818	5,179,439	54,399,986
Secured Unsecured 39,862,397 Unsecured 175,830,543 Unsecured 12,123,730 Unsecured 227,816,670 Unsecured Total \$987,499,404 \$422,940,424 \$37,854,323 \$1,448,294,151 2016.12.31 Excellent Good Average Total Consumer banking Residential mortgage loans Unsecured personal loans Other \$260,337,798 \$70,434,151 \$11,978,542 \$342,750,491 Unsecured personal loans 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 2016.9.30 Excellent Good Average Total Consumer banking Residential mortgage loans \$243,200,015 \$62,426,029 \$10,575,570 \$316,201,614 Unsecured personal loans 24,001,827 15,466,013 4,587,078 44,054,918 Other 277,518,926 58,114,030 8,561,0	Other	344,557,929	68,018,306	7,972,328	420,548,563
Unsecured 282,488,684 99,243,811 3,224,090 384,956,585 Total \$987,499,404 \$422,940,424 \$37,854,323 \$1,448,294,151 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 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 2016.9.30 Excellent Good Average Total Consumer banking Residential mortgage loans \$243,200,015 \$62,426,029 \$10,575,570 \$316,201,614 Unsecured personal loans 24,001,827 15,466,013 4,587,078 44,054,918 Other 277,518,926 58,114,030 8,561,017 344,193,973 <	Corporate banking				
Total \$987,499,404 \$422,940,424 \$37,854,323 \$1,448,294,151 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 2016.9.30 Excellent Good Average Total Consumer banking Residential mortgage loans \$243,200,015 \$62,426,029 \$10,575,570 \$316,201,614 Unsecured personal loans 24,001,827 15,466,013 4,587,078 44,054,918 Other 277,518,926 58,114,030 8,561,017 344,193,973 <	Secured	39,862,397	175,830,543	12,123,730	227,816,670
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 2016.9.30 Excellent Good Average Total Consumer banking Residential mortgage loans \$243,200,015 \$62,426,029 \$10,575,570 \$316,201,614 Unsecured personal loans 24,001,827 15,466,013 4,587,078 44,054,918 Other 277,518,926 58,114,030 8,561,017 344,193,973 Corporate banking Secured 42,149,208 144,815,109 5,919,637	Unsecured	282,488,684	99,243,811	3,224,090	384,956,585
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 2016.9.30 Excellent Good Average Total Consumer banking Residential mortgage loans \$243,200,015 \$62,426,029 \$10,575,570 \$316,201,614 Unsecured personal loans 24,001,827 15,466,013 4,587,078 44,054,918 Other 277,518,926 58,114,030 8,561,017 344,193,973 Corporate banking Secured 42,149,208 144,815,109 5,919,637 192,883,954 Unsecured 263,736,264 112,200,178 4,13	Total	\$987,499,404	\$422,940,424	\$37,854,323	\$1,448,294,151
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 2016.9.30 Excellent Good Average Total Consumer banking Residential mortgage loans \$243,200,015 \$62,426,029 \$10,575,570 \$316,201,614 Unsecured personal loans 24,001,827 15,466,013 4,587,078 44,054,918 Other 277,518,926 58,114,030 8,561,017 344,193,973 Corporate banking Secured 42,149,208 144,815,109 5,919,637 192,883,954 Unsecured 263,736,264 112,200,178 4,13				_	
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 2016.9.30 Excellent Good Average Total Consumer banking Residential mortgage loans \$243,200,015 \$62,426,029 \$10,575,570 \$316,201,614 Unsecured personal loans 24,001,827 15,466,013 4,587,078 44,054,918 Other 277,518,926 58,114,030 8,561,017 344,193,973 Corporate banking Secured 42,149,208 144,815,109 5,919,637 192,883,954 Unsecured 263,736,264 112,200,178 4,	2016.12.31	Excellent	Good	Average	Total
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 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 2016.9.30 Excellent Good Average Total Consumer banking Residential mortgage loans \$243,200,015 \$62,426,029 \$10,575,570 \$316,201,614 Unsecured personal loans 24,001,827 15,466,013 4,587,078 44,054,918 Other 277,518,926 58,114,030 8,561,017 344,193,973 Corporate banking Secured 42,149,208 144,815,109 5,919,637 192,883,954 Unsecured 263,736,264 112,200,178 4,139,809 380,076,251	Consumer banking				
Other 293,208,211 64,003,096 9,591,057 366,802,364 Corporate banking 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 2016.9.30 Excellent Good Average Total Consumer banking Residential mortgage loans \$243,200,015 \$62,426,029 \$10,575,570 \$316,201,614 Unsecured personal loans 24,001,827 15,466,013 4,587,078 44,054,918 Other 277,518,926 58,114,030 8,561,017 344,193,973 Corporate banking Secured 42,149,208 144,815,109 5,919,637 192,883,954 Unsecured 263,736,264 112,200,178 4,139,809 380,076,251	Residential mortgage loans	\$260,337,798	\$70,434,151	\$11,978,542	\$342,750,491
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 2016.9.30 Excellent Good Average Total Consumer banking Residential mortgage loans \$243,200,015 \$62,426,029 \$10,575,570 \$316,201,614 Unsecured personal loans 24,001,827 15,466,013 4,587,078 44,054,918 Other 277,518,926 58,114,030 8,561,017 344,193,973 Corporate banking Secured 42,149,208 144,815,109 5,919,637 192,883,954 Unsecured 263,736,264 112,200,178 4,139,809 380,076,251	Unsecured personal loans	25,676,322	15,839,926	4,634,166	46,150,414
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 2016.9.30 Excellent Good Average Total Consumer banking Residential mortgage loans \$243,200,015 \$62,426,029 \$10,575,570 \$316,201,614 Unsecured personal loans 24,001,827 15,466,013 4,587,078 44,054,918 Other 277,518,926 58,114,030 8,561,017 344,193,973 Corporate banking Secured 42,149,208 144,815,109 5,919,637 192,883,954 Unsecured 263,736,264 112,200,178 4,139,809 380,076,251	Other	293,208,211	64,003,096	9,591,057	366,802,364
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 2016.9.30 Excellent Good Average Total Consumer banking Residential mortgage loans \$243,200,015 \$62,426,029 \$10,575,570 \$316,201,614 Unsecured personal loans 24,001,827 15,466,013 4,587,078 44,054,918 Other 277,518,926 58,114,030 8,561,017 344,193,973 Corporate banking Secured 42,149,208 144,815,109 5,919,637 192,883,954 Unsecured 263,736,264 112,200,178 4,139,809 380,076,251	Corporate banking				
Total \$929,993,249 \$435,476,181 \$40,751,762 \$1,406,221,192 2016.9.30 Excellent Good Average Total Consumer banking Residential mortgage loans \$243,200,015 \$62,426,029 \$10,575,570 \$316,201,614 Unsecured personal loans 24,001,827 15,466,013 4,587,078 44,054,918 Other 277,518,926 58,114,030 8,561,017 344,193,973 Corporate banking Secured 42,149,208 144,815,109 5,919,637 192,883,954 Unsecured 263,736,264 112,200,178 4,139,809 380,076,251	Secured	33,210,000	169,692,228	6,202,863	209,105,091
2016.9.30 Excellent Good Average Total Consumer banking Residential mortgage loans \$243,200,015 \$62,426,029 \$10,575,570 \$316,201,614 Unsecured personal loans 24,001,827 15,466,013 4,587,078 44,054,918 Other 277,518,926 58,114,030 8,561,017 344,193,973 Corporate banking Secured 42,149,208 144,815,109 5,919,637 192,883,954 Unsecured 263,736,264 112,200,178 4,139,809 380,076,251	Unsecured	317,560,918	115,506,780	8,345,134	441,412,832
Consumer banking Residential mortgage loans \$243,200,015 \$62,426,029 \$10,575,570 \$316,201,614 Unsecured personal loans 24,001,827 15,466,013 4,587,078 44,054,918 Other 277,518,926 58,114,030 8,561,017 344,193,973 Corporate banking Secured 42,149,208 144,815,109 5,919,637 192,883,954 Unsecured 263,736,264 112,200,178 4,139,809 380,076,251	Total	\$929,993,249	\$435,476,181	\$40,751,762	\$1,406,221,192
Consumer banking Residential mortgage loans \$243,200,015 \$62,426,029 \$10,575,570 \$316,201,614 Unsecured personal loans 24,001,827 15,466,013 4,587,078 44,054,918 Other 277,518,926 58,114,030 8,561,017 344,193,973 Corporate banking Secured 42,149,208 144,815,109 5,919,637 192,883,954 Unsecured 263,736,264 112,200,178 4,139,809 380,076,251					
Residential mortgage loans \$243,200,015 \$62,426,029 \$10,575,570 \$316,201,614 Unsecured personal loans 24,001,827 15,466,013 4,587,078 44,054,918 Other 277,518,926 58,114,030 8,561,017 344,193,973 Corporate banking Secured 42,149,208 144,815,109 5,919,637 192,883,954 Unsecured 263,736,264 112,200,178 4,139,809 380,076,251	2016.9.30	Excellent	Good	Average	Total
Unsecured personal loans 24,001,827 15,466,013 4,587,078 44,054,918 Other 277,518,926 58,114,030 8,561,017 344,193,973 Corporate banking Secured 42,149,208 144,815,109 5,919,637 192,883,954 Unsecured 263,736,264 112,200,178 4,139,809 380,076,251	Consumer banking				
Other 277,518,926 58,114,030 8,561,017 344,193,973 Corporate banking Secured 42,149,208 144,815,109 5,919,637 192,883,954 Unsecured 263,736,264 112,200,178 4,139,809 380,076,251	Residential mortgage loans	\$243,200,015	\$62,426,029	\$10,575,570	\$316,201,614
Corporate banking 42,149,208 144,815,109 5,919,637 192,883,954 Unsecured 263,736,264 112,200,178 4,139,809 380,076,251	Unsecured personal loans	24,001,827	15,466,013	4,587,078	44,054,918
Secured 42,149,208 144,815,109 5,919,637 192,883,954 Unsecured 263,736,264 112,200,178 4,139,809 380,076,251	Other	277,518,926	58,114,030	8,561,017	344,193,973
Unsecured 263,736,264 112,200,178 4,139,809 380,076,251	Corporate banking				
	Secured	42,149,208	144,815,109	5,919,637	192,883,954
Total \$850,606,240 \$393,021,359 \$33,783,111 \$1,277,410,710	Unsecured	263,736,264	112,200,178	4,139,809	380,076,251
	Total	\$850,606,240	\$393,021,359	\$33,783,111	\$1,277,410,710

c. Credit quality analysis on securities investment of Cathay United Bank

	Neithe	r past due nor in	npaired					
2017.9.30		Non-investment		Past due but			Accumulated	
2017.9.30	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	\$121,199,751	\$1,602,505	\$122,802,256	\$-	\$-	\$122,802,256	\$-	\$122,802,256
Stocks	1,503,200	12,789,019	14,292,219	-	146,379	14,438,598	146,379	14,292,219
Others	15,273	259,325	274,598	-	-	274,598	-	274,598
Held-to-maturity financial assets	-	-	-	-	-	-	-	-
Bonds	25,629,398	2,241,555	27,870,953	-	-	27,870,953	-	27,870,953
Others	5,904,657	-	5,904,657	-	-	5,904,657	-	5,904,657
Investments in debt securities								
with no active market	-	-	-	-	-	-	-	-
Bonds	68,099,563	-	68,099,563	-	224,817	68,324,380	224,817	68,099,563
Others	292,815,000	-	292,815,000	-	-	292,815,000	-	292,815,000

	Neithe	r past due nor in	npaired					
2016 12 21		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	-	-	316,050,000	-	316,050,000

	Neithe	r past due nor in	npaired					
2016.9.30		Non-investment		Past due but			Accumulated	
2016.9.30	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	\$131,037,438	\$70,297	\$131,107,735	\$-	\$-	\$131,107,735	\$-	\$131,107,735
Stocks	3,807,012	8,346,963	12,153,975	-	140,985	12,294,960	140,985	12,153,975
Others	695,952	1,767,563	2,463,515	-	-	2,463,515	-	2,463,515
Held-to-maturity financial assets								
Bonds	36,733,651	1,268,678	38,002,329	-	-	38,002,329	-	38,002,329
Other	3,388,104	-	3,388,104	-	-	3,388,104	-	3,388,104
Investments in debt securities								
with no active market								
Bonds	64,761,778	128,288	64,890,066	-	1,439,440	66,329,506	1,439,440	64,890,066
Others	349,855,000	-	349,855,000	-	-	349,855,000	-	349,855,000

d. Aging analysis on past due but not impaired financial assets of Cathay United 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 the 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.

2017.9.30	Less than 60 days	61 - 90 days	Total
Receivables			
Credit card business	\$95,626	\$62,092	\$157,718
Others	3,789	3,235	7,024
Discounts and loans			
Consumer banking			
Residential mortgage loans	262,474	146,817	409,291
Unsecured personal loans	82,355	53,043	135,398
Others	223,754	93,311	317,065
Corporate banking			
Secured	99,414	63,538	162,952
Unsecured	689	12,001	12,690

2016.12.31	Less than 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
2016.9.30	Less than 60 days	61 - 90 days	Total
Receivables			
Credit card business	\$96,886	\$62,386	\$159,272
Others	19,039	1,813	20,852
Discounts and loans			
Consumer banking			
Residential mortgage loans	345,647	59,736	405,383
Unsecured personal loans	80,124	54,414	134,538
Others	229,533	59,367	288,900
Corporate banking			
Secured	19,620	-	19,620
Unsecured			

(G) Impairment analysis of financial assets of Cathay United Bank

- a. Cathay United Bank and its subsidiaries have recognized accumulated impairment loss for available-for-sale financial assets in the amount of \$146,379 thousand, \$140,985 thousand and \$140,985 thousand as of 30 September 2017, 31 December 2016 and 30 September 2016, respectively, due to the existence of objective impairment evidence.
- b. Cathay United Bank and its subsidiaries have recognized accumulated impairment loss for investments in debt securities with no active market in the amount of \$224,817, \$1,382,970 and \$1,343,854 as of 30 September 2017, 31 December 2016 and 30 September 2016, respectively, due to credit deterioration of securitization products and financial debentures.

Cathay United Bank and its subsidiaries have recognized accumulated impairment loss for investment in debt securities with no active market in the amount of \$0 thousand, \$95,586 thousand and \$95,586 thousand as of 30 September 2017, 31 December 2016 and 30 September 2016, respectively, due to the default on the convertible bonds.

- c. Cathay United Bank's impairment assessment of discounts, loans and receivables, please refer to Note.6(4) and Note.6(5).
- (H) Impairment analysis of non-financial assets of Cathay United Bank and its subsidiaries
 - a. Foreclosed properties management policy

The foreclosed properties in CUBC Bank exhibited objective impairment evidence. CUBC Bank have not recognized impairment loss for the nine-month periods ended 30 September 2017 and 2016. The accumulated impairment loss amounted to \$54,549 thousand, \$58,102 thousand and \$0 as of 30 September 2017, 31 December 2016 and 30 September 2016, respectively.

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

D. 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 Cathay United Bank and its subsidiaries believes it can generate within that period. As part of our liquidity risk management, Cathay United Bank and its subsidiaries focuses on a number of components, including tapping available sources of liquidity, preserving necessary funds at reasonable cost and continuous contingency planning.

- (A) Analysis of financial assets and non-derivative financial liabilities by remaining contractual maturities
 - a. Financial assets were held to manage liquidity risk

Cathay United Bank and its subsidiaries hold 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 Cathay United 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.

2017.9.30	0-30 days	31-180 days	181 days - 1 year	Over 1 year	Total
Due to the Central Bank and call					
loans from banks	\$47,382,165	\$25,757,443	\$10,232,440	\$2,716,558	\$86,088,606
Non-derivative financial liabilities at					
fair value through profit or loss	691,731	-	255,017	41,366,325	42,313,073
Securities sold under agreements to					
repurchase	91,009,719	2,028,943	-	5,902,202	98,940,864
Payables	17,128,923	9,806,455	1,805,477	775,989	29,516,844
Deposits and remittances	293,972,103	891,444,815	750,263,556	112,524,781	2,048,205,255
Financial debentures payable	7,800	2,892	8,085,740	55,600,000	63,696,432
Other capital outflow at maturity	20,392,828	35,582,395	5,300,375	886,650	62,162,248

2016.12.31	0-30 days	31-180 days	181 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

2016.9.30	0-30 days	31-180 days	181 days - 1 year	Over 1 year	Total
Due to the Central Bank and call					
loans from banks	\$32,613,530	\$11,470,050	\$6,249,378	\$88,986	\$50,421,944
Non-derivative financial liabilities at					
fair value through profit or loss	405,980	-	263,945	36,698,220	37,368,145
Securities sold under agreements to					
repurchase	40,999,329	2,007,857	-	3,311,434	46,318,620
Payables	12,767,765	5,272,928	892,392	463,341	19,396,426
Deposits and remittances	267,756,782	828,545,414	757,237,248	122,230,331	1,975,769,775
Financial debentures payable	7,800	7,732	3,862,513	48,250,000	52,128,045
Other capital outflow at maturity	14,740,156	38,371,359	5,119,467	2,201,610	60,432,592

(B) Maturity analysis of derivative financial liabilities

a. Net settled derivative financial instruments

Net settled derivatives engaged by Cathay United Bank include:

- (a) Foreign exchange derivative instruments: foreign exchange options, nondelivery forwards;
- (b) Interest rate derivative instruments: swap options, 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:

2017.9.30	0-30 days	31-180 days	181 days - 1 year	Over 1 year	Total
Derivative financial liabilities at					
fair value through profit or loss					
- Foreign exchange derivative					
instruments	\$(125,398)	\$17,582	\$242,635	\$21,301	\$156,120
- Interest rate derivative					
instruments	1,431,173	274,064	212,704	16,855,633	18,773,574
Total	\$1,305,775	\$291,646	\$455,339	\$16,876,934	\$18,929,694

2016.12.31	0-30 days	31-180 days	181 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

2016.9.30	0-30 days	31-180 days	181 days - 1 year	Over 1 year	Total
Derivative financial liabilities at					
fair value through profit or loss					
- Foreign exchange derivative					
instruments	\$119,448	\$547,521	\$1,963,060	\$444	\$2,630,473
- Interest rate derivative					
instruments	413,066	203,174	349,238	20,842,351	21,807,829
Total	\$532,514	\$750,695	\$2,312,298	\$20,842,795	\$24,438,302

b. Maturity analysis of gross settled derivative financial instruments

Gross settled derivatives engaged by Cathay United Bank include:

- (a) Foreign exchange derivative instruments: currency futures and swaps
- (b) Interest rate derivative instruments: cross currency swaps
- (c) 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 Cathay United Bank's gross settled derivative instruments as at balance sheet dates. The disclosed amounts are based on the contractual 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:

2017.9.30	0-30 days	31-180 days	181 days - 1 year	Over 1 year	Total
Derivative financial liabilities at fair					
value through profit or loss					
- Foreign exchange derivative instruments					
- Cash outflow	\$(1,562,008)	\$(4,087,503)	\$(457,325)	\$(29,691)	\$(6,136,527)
- Cash inflow	-	-	31,937	3,941	35,878
- Interest rate derivative instruments					
- Cash outflow	(1,152,365)	(285,033)	(159,171)	(120,759)	(1,717,328)
- Cash inflow	-	-	-	-	-
Cash outflow subtotal	(2,714,373)	(4,372,536)	(616,496)	(150,450)	(7,853,855)
Cash inflow subtotal	-	-	31,937	3,941	35,878
Net cash flow	\$(2,714,373)	\$(4,372,536)	\$(584,559)	\$(146,509)	\$(7,817,977)

2016.12.31	0-30 days	31-180 days	181 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)

2016.9.30	0-30 days	31-180 days	181 days - 1 year	Over 1 year	Total
Derivative financial liabilities at fair					
value through profit or loss					
- Foreign exchange derivative instruments					
- Cash outflow	\$(2,783,983)	\$(8,201,165)	\$(991,932)	\$(65,662)	\$(12,042,742)
- Cash inflow	31,016	510,668	175,817	234,894	952,395
- Interest rate derivative instruments					
- Cash outflow	-	(770,080)	(474,378)	(973,707)	(2,218,165)
- Cash inflow	-	-	-	-	-
Cash outflow subtotal	(2,783,983)	(8,971,245)	(1,466,310)	(1,039,369)	(14,260,907)
Cash inflow subtotal	31,016	510,668	175,817	234,894	952,395
Net cash flow	\$(2,752,967)	\$(8,460,577)	\$(1,290,493)	\$(804,475)	\$(13,308,512)

(C) Maturity analysis of off-balance sheet items

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

	Not later than			
2017.9.30	1 year	1~5 years	5 years	Total
Irrevocable loan commitments	\$112,892,404	\$49,463,355	\$1,282,493	\$163,638,252
Credit card commitments	39,883,138	285,489,714	288,577,047	613,949,899
Financial guarantee contracts	9,673,605	1,031,178	62,155	10,766,938
Leasing commitments				
Non-cancellable operating				
lease payments	1,640,310	3,026,012	66,441	4,732,763
Total	\$164,089,457	\$339,010,259	\$289,988,136	\$793,087,852

	Not 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
	Not later than		Later than	
2016.9.30	1 year	1~5 years	5 years	Total
Irrevocable loan commitments	\$85,116,103	\$49,725,025	\$2,987,105	\$137,828,233
Credit card commitments	59,141,644	227,629,318	281,478,945	568,249,907
Financial guarantee contracts	9,650,607	1,097,269	11,661	10,759,537
Leasing commitments				
Non-cancellable operating				
lease payments	1,371,271	2,607,447	189,044	4,167,762
Total	\$155,279,625	\$281,059,059	\$284,666,755	\$721,005,439

Cathay Century and its subsidiaries

Cathay Century and its subsidiaries' principal financial risk management objective are to manage the market risk, credit risk and liquidity risk related to its operating activates. Cathay Century and its subsidiaries identifies, measures and manages the aforementioned risks based on the Company's policy and risk appetite.

Cathay Century and its subsidiaries have established appropriate policies, procedures and internal controls for financial risk management. Before entering into significant transactions, due approval process by the board of directors and audit committee must be carried out based on related protocols and internal control procedures. Cathay Century and its subsidiaries comply with its financial risk management policies at all times.

A. Market risk

Market risk is the risk that the fair value of future cash flows of a financial instrument will fluctuate because of the changes in market prices. Market prices comprise currency risk, interest rate risk and other price risk (such as equity risk).

In practice, it is rarely the case that a single risk variable will change independently from other risk variable; there is usually interdependency between risk variables. However the sensitivity analysis disclosed below does not take into account the interdependencies between risk variables.

(A) Foreign currency risk

Cathay Century and its subsidiaries are exposed to foreign exchange risk from US and NT dollars exchanges for investing in foreign special purpose money trust. Since the amount of investment is significant, Cathay Century and its subsidiaries engage in forward foreign exchange contracts for hedging purposes.

Cathay Century and its subsidiaries is further exposed to exchange rate risk for engaging in reinsurance business involving transactions denominated in non-functional currency. Because this type of transaction usually has a relatively shorter collection period, the exchange rate fluctuations are not significant. Cathay Century and its subsidiaries do not engage in hedging in relation to this type of transaction.

Cathay Century and its subsidiaries' self-evaluation showed that the terms of the hedging instrument and the hedged items are the same, so as to maximize the effectiveness of the hedge.

(B) Interest rate risk

Interest rate risk results from changes in the market interest rates which cause the fair value of financial instruments or the future cash flow to fluctuate. Cathay Century and its subsidiaries' interest rate risk primarily results from floating rate investments classified as available-for-sale financial assets.

(C) Equity price risk

Cathay Century and its subsidiaries hold equity securities of local and foreign listed companies. Their prices are affected by uncertainties about the future values of the investment securities. Equity securities of listed companies held by Cathay Century and its subsidiaries are classified under held for trading financial assets or available-for-sale financial assets. Cathay Century and its subsidiaries manage the equity price risk through diversification and placing limits on individual and total equity instruments.

B. Credit risk

(A) Credit risk management policies

Cathay Century and its subsidiaries trade only with established and creditworthy third parties. Cathay Century and its subsidiaries' policy is that all customers who trade on credit terms are subject to credit verification procedures and that premium receivable and notes receivable collections are monitored on an ongoing basis. Therefore, Cathay Century and its subsidiaries' bad debt are insignificant. On the other hand, in the event counterparty's creditworthiness deteriorates, Cathay Century and its subsidiaries will suspend the related contracts and resume exercising relevant rights and obligations when transaction status is restored.

Cathay Century and its subsidiaries' secured lending operations must be approved and verified by performing credit verification procedures, and obtain real property security provided by the counterparty. In the event the counterparty's creditworthiness deteriorates, Cathay Century and its subsidiaries may exercise under their own discretion the relevant security rights upon presentation, to protect the Cathay Century and its subsidiaries' interests.

Cathay Century and its subsidiaries' credit risk exposure of financial transaction include: issuer risk, counterparty risk and the credit risk of underlying assets.

- a. Issuer risk is the risk that the issuer of the debt instrument held by Cathay Century and its subsidiaries or banks with which Cathay Century and its subsidiaries maintain deposits fail to deliver in accordance with the agreement due to default, bankruptcy or settlement, and Cathay Century and its subsidiaries incur financial losses as a result.
- b. Counterparty risk is the risk that a counterparty of Cathay Century and its subsidiaries fail to deliver as obligated before the settlement date which then cause losses to Cathay Century and its subsidiaries
- c. Credit risk of the underlying assets is the risk of loss due to weakened credit quality, increase in credit premium, credit rating downgrade or default of underling assets linked to a financial instrument.

(B) Credit concentration risk analysis

a. The amounts of credit risk exposure of Cathay Century and its subsidiaries' financial assets are as follows:

	The amount of credit risk exposure - by area							
			2017	.9.30				
					Emerging			
				North	market and			
Financial assets	Taiwan	Asia	Europe	Americas	others	Total		
Cash and cash equivalents	\$6,382,156	\$136,145	\$109,952	\$72,034	\$903,091	\$7,603,378		
Financial assets at fair value								
through profit or loss	37,555	-	-	-	-	37,555		
Available-for-sale financial assets								
(Note)	2,128,553	81,626	-	-	227,787	2,437,966		
Debt instruments investments with								
no active market exists	1,100,000	277,154	326,063	309,574	7,183	2,019,974		
Held-to-maturity investments	999,983	1	1,148,012	3,009,252	1,556,520	6,713,767		
Total	\$10,648,247	\$494,925	\$1,584,027	\$3,390,860	\$2,694,581	\$18,812,640		
Proportion	56.60%	2.63%	8.42%	18.03%	14.32%	100.00%		

		The amount of credit risk exposure - by area							
		2016.12.31							
					Emerging				
				North	market and				
Financial assets	Taiwan	Asia	Europe	Americas	others	Total			
Cash and cash equivalents	\$5,816,787	\$107,518	\$62,267	\$48,533	\$912,818	\$6,947,923			
Financial assets at fair value									
through profit or loss	39,999	-	-	-	-	39,999			
Available-for-sale financial assets									
(Note)	2,070,592	86,670	-	-	239,211	2,396,473			
Debt instruments investments									
with no active market exists	1,400,000	296,246	347,116	332,006	145,365	2,520,733			
Held-to-maturity investments	799,987		1,025,896	2,919,855	1,366,727	6,112,465			
Total	\$10,127,365	\$490,434	\$1,435,279	\$3,300,394	\$2,664,121	\$18,017,593			
Each area percentage	56.21%	2.72%	7.96%	18.32%	14.79%	100.00%			

	The amount of credit risk exposure - by area							
		2016.9.30						
					Emerging			
				North	market and			
Financial assets	Taiwan	Asia	Europe	Americas	others	Total		
Cash and cash equivalents	\$6,005,893	\$203,741	\$65,918	\$174,438	\$1,010,748	\$7,460,738		
Financial assets at fair value								
through profit or loss	188,644	-	-	-	-	188,644		
Available-for-sale financial assets								
(Note)	2,125,830	87,993	-	-	245,037	2,458,860		
Debt instruments investments with								
no active market exists	1,800,000	288,204	337,238	323,353	287,097	3,035,892		
Held-to-maturity investments	202,662	-	808,907	2,726,420	1,154,538	4,892,527		
Total	\$10,323,029	\$579,938	\$1,212,063	\$3,224,211	\$2,697,420	\$18,036,661		
Each area percentage	57.23%	3.22%	6.72%	17.88%	14.95%	100.00%		

Note: Guarantee deposits paid in bonds are included.

(C) Credit risk quality analysis

a. Credit quality classifications of Cathay Century and its subsidiaries' financial assets are as follows:

	Credit quality of financial assets								
	2017.9.30								
	Norma	l assets							
		Non-							
	Investment	investment	Past due but						
Financial assets	grade	grade	not impaired	Impaired	Total				
Cash and cash equivalents	\$7,603,378	\$-	\$-	\$-	\$7,603,378				
Financial assets at fair value through									
profit or loss	37,555	-	-	-	37,555				
Available-for-sale financial assets									
(Note 1)	2,437,966	-	-	-	2,437,966				
Debt instruments investments with no									
active market exists	2,019,974	-	-	-	2,019,974				
Held-to-maturity investments	6,713,767	-	-	-	6,713,767				
Total	\$18,812,640	\$-	\$-	\$-	\$18,812,640				

	Credit quality of financial assets								
	2016.12.31								
	Norma	l assets							
		Non-							
	Investment	investment	Past due but						
Financial assets	grade	grade	not impaired	Impaired	Total				
Cash and cash equivalents	\$6,947,923	\$-	\$-	\$-	\$6,947,923				
Financial assets at fair value through									
profit or loss	39,999	-	-	-	39,999				
Available-for-sale financial assets									
(Note 1)	2,396,473	-	-	-	2,396,473				
Debt instruments investments with no									
active market exists	2,520,733	-	-	-	2,520,733				
Held-to-maturity investments	6,112,465	1	-	-	6,112,465				
Total	\$18,017,593	\$-	\$-	\$-	\$18,017,593				

	Credit quality of financial assets								
	2016.9.30								
	Norma	l assets							
		Non-							
	Investment	investment	Past due but						
Financial assets	grade	grade	not impaired	Impaired	Total				
Cash and cash equivalents	\$7,460,738	\$-	\$-	\$-	\$7,460,738				
Financial assets at fair value through									
profit or loss	188,644	-	-	-	188,644				
Available-for-sale financial assets									
(Note 1)	2,458,860	-	-	-	2,458,860				
Debt instruments investments with no									
active market exists	3,035,892	-	-	-	3,035,892				
Held-to-maturity investments	4,892,527	-	-	-	4,892,527				
Total	\$18,036,661	\$-	\$-	\$-	\$18,036,661				

Note 1: Guarantee deposits paid in bonds are included.

Note 2: Investment grade assets refer to those with credit rating of at least BBB-granted by a credit rating agency; non-investment grade assets are those with credit rating lower than BBB- granted by a credit rating agency.

b. Secured loans

		2017.9.30							
	Neither past due nor impaired				Total				
	Excellent	Crant	Normal	Past due but		(EIR	Loss		
Secured loans	Excellent	Great	Normal	not impaired	Impaired	principal)	reserve	Net	
Consumer Finance	\$245,556	\$-	\$-	\$-	\$-	\$245,556	\$2,946	\$242,610	
Corporate Finance	-	-	-	-	13,500	13,500	270	13,230	
Total	\$245,556	\$-	\$-	\$-	\$13,500	\$259,056	\$3,216	\$255,840	

		2016.12.31						
	Neither past due nor impaired					Total		
	T114	Const	NI 1	Past due but		(EIR	Loss	
Secured loans	Excellent	Great	Normal	not impaired	Impaired	principal)	reserve	Net
Consumer Finance	\$279,075	\$-	\$-	\$-	\$-	\$279,075	\$3,477	\$275,598
Corporate Finance	64,100	ı	ı	1	15,750	79,850	636	79,214
Total	\$343,175	\$-	\$-	\$-	\$15,750	\$358,925	\$4,113	\$354,812

		2016.9.30						
	Neither past due nor impaired				Total			
	Encellent	Const	N 1	Past due but		(EIR	Loss	
Secured loans	Excellent	Great	Normal	not impaired	Impaired	principal)	reserve	Net
Consumer Finance	\$154,994	\$-	\$-	\$-	\$127,294	\$282,288	\$2,771	\$279,517
Corporate Finance	62,390	ı	ı	-	16,200	78,590	1,412	77,178
Total	\$217,384	\$-	\$-	\$-	\$143,494	\$360,878	\$4,183	\$356,695

C. Operational Risk

In order to avoid the potential losses caused by failed internal controls, employee fraud or misconduct and management negligence, Cathay Century had set up the standard operating procedures and computer systems based on the business nature of the front, middle, and back departments, and manage the operational risk effectively by strict systems of internal control, internal audits, external audits, and regulatory compliance. Cathay Century had set and implemented "Regulations Reporting the Losses by Operational Risk" as well to establish the data base of losses resulting from operational risk by "Losses by Operational Risk Reporting System".

D. Liquidity risk

(A) Source of liquidity risk

Liquidity risks of the financial instruments are classified as "funding liquidity risk" and "market liquidity risk". "Funding liquidity risk" represents the default risk that Cathay Century is unable to turn assets into cash or obtain sufficient funds. "Market liquidity risk" represents the risk of significant changes in fair value that Cathay Century faces when it sells or offsets its assets during market disorder.

(B) Liquidity risk management

Cathay Century and its subsidiaries established a capital liquidity management mechanism based on the business features and monitoring short-term cash flow. Considering the trading volume and holing position, Cathay Century and its subsidiaries carefully manage the market liquidity risk. Moreover, Cathay Century and its subsidiaries have drawn up a plan for capital requirements with respect to abnormal and emergency conditions to deal with significant liquidity risk.

Depending on the actual management need or special situation, Cathay Century and its subsidiaries uses models to assess cash flow risk, such as cash flow model or stress testing model.

Stress testing analysis is used to test changes of capital liquidity in the event of extreme in order to ensure liquidity. Stress scenarios, including significant market volatility, a variety of credit events, non-anticipated events of the financial market liquidity crunch and any other scenario which may trigger liquidity pressures is used to assess Cathay Century and its subsidiaries' overall capital supply, demand and changes in cash flow gap.

In the event of cash flow gap, the risk management department will conduct an internal discussion and report the result to supervisors and the funding management department. The risk management department will take necessary measures to prevent further stressful events.

(C) The table below summarizes the maturity profile of Cathay Century and its subsidiaries' financial liabilities based on contractual undiscounted payments.

		2017.9.30						
		Less than	6-12			More than		
Liabilities	Book value	6 months	months	1-2 years	2-5 years	5 years		
Payables	\$2,224,937	\$2,170,891	\$40,322	\$4,599	\$9,125	\$-		
Financial liabilities at fair value								
through profit or loss	23,896	17,026	6,870	-	-	-		
Preferred stock liability	1,000,000	ı	-	1,000,000	-	-		

		2016.12.31							
		Less than	6-12			More than			
Liabilities	Book value	6 months	months	1-2 years	2-5 years	5 years			
Payables	\$2,663,593	\$2,645,825	\$8,293	\$1,013	\$8,462	\$-			
Financial liabilities at fair value									
through profit or loss	54,590	46,807	7,783	ı	-	-			
Preferred stock liability	1,000,000	-	-	1,000,000	-	-			

		2016.9.30							
		Less than	6-12			More than			
Liabilities	Book value	6 months	months	1-2 years	2-5 years	5 years			
Payables	\$2,451,149	\$2,417,864	\$22,956	\$3,055	\$7,274	\$-			
Financial liabilities at fair value									
through profit or loss	4,741	1,378	3,363	ı	-	-			
Preferred stock liability	1,000,000	1	-	1	1,000,000	-			

E. Market risk analysis

Market risk is the risk of potential revenue and portfolio value reduction due to the fluctuations of market risk factors, such as exchange rates, commodity prices, interest rates, credit spreads, and stock prices.

Cathay Century and its subsidiaries continue to use market risk management tools such as value-at-risk and stress testing to completely and effetely measure, monitor and manage market risk.

(A) Value-at-risk

Value-at-risk is used to measure the maximum potential loss of a portfolio in a certain future time horizon and confidence level when the market risk factors changes. Cathay Century and its subsidiaries estimate value at risk on the next day (week or two weeks) with a 99% level of confidence.

The value-at-risk model must reasonably, completely and accurately measure the maximum potential risk to be used as Cathay Century and its subsidiaries' risk management model. The risk management model must conduct back testing on an ongoing basis to ensure the model can effectively measure the maximum potential risk of a financial instrument or a portfolio.

(B) Stress testing

In addition to the value-at-risk model, Cathay Century and its subsidiaries periodically uses stress testing to assess the potential risk of extreme incidents. Stress testing is used to evaluate the potential impact on portfolio values when a series of financial variables undergo extreme changes.

Cathay Century and its subsidiaries conduct stress testing regularly on positions by simple sensitivity analysis and scenario analysis. The stress testing contains changes of various risk factors in all historical scenarios that may cause losses in an investment portfolio.

a. Simple Sensitivity

Simple sensitivity mainly measures changes in value of portfolio caused by specific risk factor

b. Scenario Analysis

Scenario Analysis measures the change in the total value of portfolio under a stressful events. The measures include:

(a) Historical scenarios

The measure selects from historical data of a certain period and adds the volatility of the risk factors selected to a given portfolio, and then calculates the amount of loss.

(b) Hypothetical scenarios

Hypothetical scenario makes reasonable hypothesis with respect to possible extreme market changes and includes the risk factors related to the changes in the current portfolio to estimate the amount of loss that may incur.

The risk management department conducts stress testing regularly under historical scenario and hypothetical scenario for Cathay Century and its subsidiaries to perform risk analysis, risk alert and business management based on the stress test report

2017.9.30	Stress testing	
Risk factors	Variation (+/-)	Changes in profit and loss
Equity price risk (Index)	-10%	\$(481,406)
Interest rate risk (Yield curve)	20bp	(178,937)
Foreign currency risk	USD exchange NTD	
(Exchange rate)	devalue 1 dollar	(113,241)

2017.9.30			
			Equity
Foreign currency risk sensitivity	EUR appreciate 1 %	\$129	\$809
	CNY appreciate 1 %	9,605	676
	HKD appreciate 1 %	738	3,529
	USD appreciate 1 %	30,573	8,838
Interest rate risk sensitivity	Yield curve (USD) flat rises 1bp	(6,172)	(74)
	Yield curve (CNY) flat rises 1bp	(66)	(55)
	Yield curve (NTD) flat rises 1bp	(1,435)	(1,060)
Equity securities price sensitivity	Increase 1% in equity price	_	48,141

2016.12.31	Stress testing	
Risk factors	Variation (+/-)	Changes in profit and loss
Equity price risk (Index)	-10%	\$(500,093)
Interest rate risk (Yield curve)	20bp	(162,035)
Foreign currency risk	USD exchange NTD	
(Exchange rate)	devalue 1 dollar	(99,465)

2016.12.31			
			Equity
Foreign currency risk sensitivity	EUR appreciate 1 %	\$117	\$714
	CNY appreciate 1 %	10,422	761
	HKD appreciate 1 %	543	2,729
	USD appreciate 1 %	30,270	7,227
Interest rate risk sensitivity	Yield curve (USD) flat rises 1bp	(5,226)	(93)
	Yield curve (CNY) flat rises 1bp	(1)	(58)
	Yield curve (NTD) flat rises 1bp	(1,605)	(1,119)
Equity securities price sensitivity	Increase 1% in equity price	300	49,709

2016.9.30	Stress testing	
Risk factors	Variation (+/-)	Changes in profit and loss
Equity price risk (Index)	-10%	\$(425,670)
Interest rate risk (Yield curve)	20bp	(142,758)
Foreign currency risk	USD exchange NTD	(113,565)
(Exchange rate)	devalue 1 dollar	

2016.9.30			
			Equity
Foreign currency risk sensitivity	EUR appreciate 1 %	\$133	\$793
	CNY appreciate 1 %	12,963	751
	HKD appreciate 1 %	767	3,008
	USD appreciate 1 %	34,426	7,085
Interest rate risk sensitivity	Yield curve (USD) flat rises 1bp	(4,911)	(100)
	Yield curve (CNY) flat rises 1bp	(11)	(64)
	Yield curve (NTD) flat rises 1bp	(833)	(1,220)
Equity securities price sensitivity	Increase 1% in equity price	279	42,288

Cathay Securities and its subsidiaries

A. Risk management policies

(A) Rick management objectives

Adhering to the risk management policies of the Company, Cathay Financial Holding, Cathay Securities and its subsidiaries manage the risks efficiently and elastically on operating activities to maximize the profit in conformity with domestic and foreign regulations.

(B) Risk management policies

Cathay Securities uses "risk management policies" as a guiding principle to establish risk management objectives, coverage, organization duties and operating, management principles and reports etc.

The management policies of Cathay Securities and its subsidiaries cover different types of risk including market risk, credit risk, operation risk, liquidity risk, capital adequacy management, regulation risk and other risks related to operating activities. Cathay Securities and its subsidiaries identify relevant risks and have integrated planning of risk management in accordance with the management policies before operating business.

(C) Risk management organizational structure

a. Board of directors

The board of directors has the ultimate responsibilities for risk management. The board has the primary responsibility for the determination of the risk management strategies and for ensuring that approved risk management policies are in accordance with the nature of operating activities, types of operating business and they cover different types of risk. Also, the board is required to monitor that the implementation of risk management policies is effective.

b. Risk Management Committee

The Risk Management Committee is responsible for reviewing risk management policies, principles, and directions of trading management, and for determining the appropriate degree of risk exposures and monitoring the implementation of the risk management policies. Risk Management Committee is established by the board of directors and the members include general manager, finance executive, accounting executive, and risk management executive, as relevant trading executive. The committee meetings are typically held quarterly and provisional meetings are called by the chairman of the board.

c. Risk Management Department

Risk management department reports to the board of directors. The supervisor and staff of the department are prohibited from holding the positions at trading or settlement department simultaneously. Their responsibilities are to plan and implement risk management policies, principles and directions, review policies periodically to ensure that those policies are suitable for the business development. Risk management department also establishes online monitor and prevention system and reaction mechanism.

d. Business unit

Each business unit participates in the planning of risk management mechanism and executes daily risk management and report to ensure that the risk model services division implementation is with the same base of the consistency of credibility and is in accordance with the internal control procedures to comply with the regulations and risk management policies.

e. Auditing office

Auditing office participates in the planning of risk management mechanism and executes risk management and internal control procedures periodically. All staff members should be also responsible for monitoring and documenting problems of internal control procedures periodically to ensure that the appropriate actions of improvement have been taken in time.

f. Finance Department

Finance department participates in the planning of risk management mechanism. The department is responsible of executing liquidity risk management and providing the liquidity risk report to risk management department periodically.

g. Accounting Department

The accounting department participates in the planning of risk management mechanism and providing the form of capital adequacy to risk management department monthly.

h. Legal Affairs Office

Legal Affairs Office executes regulation risk management to ensure that business operations and risk management procedures all in comply with the regulations.

(D) Risk Management Workflows

Risk management workflows for Cathay Securities and its subsidiaries include risk identification, risk measurement, risk management mechanism, and risk reporting. Risk assessment and response strategies to each risk are addressed as follows:

a. Market Risk

(a) Definition

Market risk is the risk of losses in positions that include stocks, bonds, and derivatives etc. arising from the movement in market prices.

(b) Controls:

Cathay Securities and its subsidiaries set up training directions including the limits of authorization, risk limitation, stop-loss rules, and responses to the exceeded limits by each product or service line and actual operations and implement those control procedures efficiently through the risk control staff in front desk and on-line monitor system. Furthermore, Cathay Securities and its subsidiaries provide market risk management report periodically that includes market price assessments, the dollar amounts of surplus/shortfall and arbitrage, Value at Risk, back-testing model and perform pressure test by each extreme scenario to control the risks that Cathay Securities and its subsidiaries face and manage all risks as a whole efficiently.

b. Credit Risk

(a) Definition

Credit risk is the risk that counterparty or debor will not meet its obligations under a contract due to the aggravation of financial conditions or other factors, leading to a financial loss. The risk of losses incurred to Cathay Securities and its subsidiaries to its subsidiaries

(b) Controls

Cathay Securities and its subsidiaries check and review the credit position to each counterparty before trading and manage risk exposure after trading. Risks arising from securities trading are monitored and controlled based on the credit rating model. Investment concentration and risks are analyzed and documented periodically. Investment limit to each counterparty is established by its credit rating (TCRI, Taiwan Ratings, S&P, Moody's, and Fitch). In addition, the customers covered by the high-risk range of self-managed credit integrity and the credit balance of the underlying account for a certain percentage of the market credit balance are regularly reviewed and the credit risk emergency notification mechanism for the Company is established.

c. Operational Risk

(a) Definition

Operational risk is the risk of loss resulting from inadequate or failed internal processes, people and systems, or from external events. This definition includes the legal risk, but excludes strategy risk and credit risk.

(b) Controls

Cathay Securities and its subsidiaries establish authority levels and the segregation of duties for the processes of front, middle and back offices. Trading, confirmation, settlement, financial accounting, and trading document are archive for future reference. The strict processes are also established to prevent fraud and negligence. Cathay Securities and its subsidiaries request each department to establish and implement internal audit and control policies authentically. The reporting mechanism for loss events from operational risk and database are established to understand causes of the loss.

In addition, the auditing office is established and reports to the board of directors. The functions of the office are to implement daily process check to establish completed internal audit control and provide internal review report periodically to lower the loss arising from the operation failures.

d. Liquidity Risk

(a) Definition

Liquidity is defined as the capability of the company to acquire the sufficient capital and to support assets growth and payout the liabilities.

(b) Controls

Measurement index for liquidity risk is established and Cathay Securities compiles the liquidity risk management report periodically to review capital conditions and cash flow gap as of balance dates. Capital allocation planning is based on the compiled structure analysis as of balance sheet dates. Meanwhile, acquiring the credit line of short-term financing from other financial institutions and managing receipts and payments properly to sustain appropriate liquidity and ensure the ability to make the payment.

e. Legal Risk

(a) Definition

Legal risk is a risk of loss that results from a counterparty being unable to legally enter into a contract due to the defective contract or the qualification.

(b) Controls

The procedures of making and reviewing legal documentation are established. All the document related to the contracts is required to be reviewed and approved by the legal office and may be advised by the external lawyer' opinions.

f. Capital adequacy management

(a) Definition

Cathay Securities and its subsidiaries implement capital management to sustain appropriate capital adequacy ratio, accelerate the business growth and ensure the perfection of capital structure.

(b) Controls

Cathay Securities establishes capital adequacy index and compiles the report periodically to evaluate the appropriateness of capital adequacy ratio and the perfection of the capital structure.

g. Reputation risk and strategy risk

(a) Definition

Reputation Risk is a risk of loss resulting from damages to Cathay Securities and its subsidiaries' reputation to lose customers or revenues, and Cathay Securities and its subsidiaries might need to undertake a prodigious amount of legal fees or other losses from damages. Strategy risk is another risk of current or potential loss to revenue or capital resulting from a strategy that turns out to be defective or inappropriate, or lack of proper responses to the competitors.

(b) Controls

Cathay Securities and its subsidiaries establish internal responses and reactions to the reputation risk and strategy risk for mitigation of damages.

Risk management policies and principles are established based on above mentioned risks and management mechanisms from each risk source are set out specifically. Cathay Securities and its subsidiaries also establish the constraint for each risk and review the appropriateness of each constraint periodically. Moreover, the risk management implementation reports are reported to the risk management committee, board of directors, and risk management office of Cathay financial holdings to elaborate on Cathay Securities and its subsidiaries' risk tolerance and the appropriateness of current risk management scheme.

(E) Hedge and Mitigation of Risk Strategy

The hedge and mitigation of risk strategy for Cathay Securities are to implement dynamic hedge through investment products to duplicate the same cash flows when derivatives mature. The hedge for outstanding stock warrants and structured products uses Delta Neutral as a principle. If the prices of those investment positions fluctuate significantly in the financial market, the violation of hedge operating due to the impact from the significant events, or the violation of the hedge operation occurs due to material events, the business department is required to explain in writing and report to the risk management department.

Cathay Securities establish the approval limit and stop-loss mechanism by each attributes of the product. When the position meets the stop-loss point, the risk management department will inform the supervisor or position administrator in time and monitor the change of the position. In addition, the business department should operate in accordance with approval limits. If the stop-loss point is met, the investment position should be sold or the business department is required to provide an exception report detailing the reason and specific responding measures.

B. Credit risk analysis

Credit risks due to conducting financial transactions include the credit risks from issuers, counterparties, and underlying assets:

(A) Issuer credit risk is a risk that Cathay Securities and its subsidiaries may encounter financial losses because the issuers (guarantors) or banks are not able to pay where it is obligated to do on financial liabilities instruments or bank savings which Cathay Securities and its subsidiaries invest in.

- (B) Counterparty credit risk is a risk that the counterparty will not live up to its obligations to perform or pay on the designated dates and Cathay Securities and its subsidiaries are exposed to the risk of financial losses
- (C) Underlying asset credit risk is a risk that Cathay Securities and its subsidiaries may encounter the losses from the fact that the credit quality turns weak and credit charges increase, credit rating reduces, or the terms of contract are violated from underlying asset which is related to the certain financial instruments.

Financial assets which make Cathay Securities and its subsidiaries face the credit risk include bank accounts, debt securities, the trading from Over-the-Counter derivatives, repurchase and resell debts, trading from the securities lending, refundable deposits, futures deposit in bank, other refundable deposits and account receivables etc.

C. Capital Liquidity Risk Analysis:

(A) Cash flow analysis

Capital liquidity risk is the risk that Cathay Securities and its subsidiaries are unable to acquire the sufficient capital at the reasonable cost within the reasonable time and results in cash flow gap, or the risk that Cathay Securities and its subsidiaries sell assets at a loss to meet the cash flow requirement.

2017.9.30 Cash Flows Analysis of Financial Liabilities

	Less than			More than	
Financial Liabilities	1 month	1 to 3 months	3 to 6 months	6 months	Total
Short-term loans	\$256,639	\$-	\$-	\$-	\$256,639
Bonds payables	8,637,901	-	-	-	8,637,901
Financial liabilities at fair value					
through profit or loss -current	2,208,901	-	-	-	2,208,901
Liabilities for bonds with					
repurchase agreements	3,074,913	-	-	-	3,074,913
Deposits for securities borrowed	34,677	69,354	104,031	416,126	624,188
Securities lending margin –					
deposit received	27,031	54,062	81,093	324,367	486,553
Futures trader's equity	4,286,519	-	-	-	4,286,519
Account payables	3,923,478	-	-	237,340	4,160,818
Others	256,216			-	256,216
Total	\$22,706,275	\$123,416	\$185,124	\$977,833	\$23,992,648
% to the total	94.64%	0.51%	0.77%	4.08%	100.00%

Short-term loans, bonds payables and repurchase bonds are fund procurement instruments and matured within three months.

Received Terms

2017.9.30 Cash Flow Gap

		_			
	Less than			More than	
Financial Assets	1 month	1 to 3 months	3 to 6 months	6 months	Total
Cash and cash equivalents	\$3,206,439	\$-	\$-	\$-	\$3,206,439
Financial assets at fair value					
through profit or loss -current					
Operations Security	11,010,541	-	-	-	11,010,541
Open-end Funds	39,111	-	-	-	39,111
Call option-futures	12,982	-	-	-	12,982
Futures trading margin	662,235	-	-	-	662,235
Available for sale financial assets	-	-	-	318,785	318,785
Securities financing receivables	222,439	444,878	667,317	2,669,262	4,003,896
Refinancing margin and					
refinancing deposits receivable	2,429	4,858	7,287	29,142	43,716
Security lending receivable	17,144	-	-	-	17,144
Client margin accounts	4,289,829	-	-	-	4,289,829
Security lending deposits price					
and security lending margin -					
deposits paid	64,014	128,028	192,042	768,176	1,152,260
Account receivables	3,334,032	-	-	17,753	3,351,785
Others	671,337		<u>-</u>	903,057	1,574,394
Subtotal	23,532,532	577,764	866,646	4,706,175	29,683,117
Residual cash	\$826,257	\$454,348	\$681,522	\$3,728,342	\$5,690,469

(B) Capital liquidity risk stress testing

Cathay Securities and its subsidiaries perform stress testing periodically to measure and evaluate the changes of capital liquidity under occurrence of extreme and abnormal events for ensuring that Cathay Securities and its subsidiaries sustain the proper capital liquidity. Stress scenario including the significant fluctuation in the financial market, the occurrence of all kinds of credit event, and the assumption of unexpected tightening of capital liquidity in financial market are used to measure the capability of acquiring sufficient capital to meet the demand on cash and the changes of cash flow gap.

If the cash flow gap arises under the specific stress scenario, the following procedures are used to prevent the occurrence of the stress events:

- a. Raising funding and balance sheet adjustment are made in accordance with the Group "Crisis Management Principles" and "Regulations of Emergency Management"
- b. Financing: (i) short-term loan credit line (ii) collateralized time deposits (iii) issuance of commercial paper
- c. Balance sheet adjustment: (i) sales of securities (ii) collect short-term capital invested in currency market.

D. Market risk analysis

Cathay Securities and its subsidiaries assess, monitor, and manage market risks completely and effectively by applying Value at Risk ("VaR") and stress testing continuously

(A) Sensitivity Analysis

Sensitivity analysis is to measure the degree of impacts on each products and portfolio from the movement of specific market simple. The monitoring and relevant controls to the businesses Cathay Securities and its subsidiaries operate are established. The degree of risk exposure are monitored and measured by the following sensitivity:

- a. Price value of basis point (PVBP): denoting the change in the value of a position given a basis point change in the yield curve.
- b. Delta: measuring the change in the value of a position given 1% price change of a certain underlying asset.
- c. Gamma: measuring the dollar amount of change in Delta of a position given 1% price change of a certain underlying asset.
- d. Vega: denoting the change in the value of a position given 1% price change of a certain underlying asset.

(B) Value at Risk

Cathay Securities Value at Risk ("VaR") is the risk of the most probable loss on the portfolio in position arising from the movements in market risk simples by measuring portfolio over a specific time frame and at a certain confidence level. Cathay Securities measures VaR for the next day within an investment portfolio over a week and at 99% confidence level. Also, Back Test at VaR is performed each year to ensure the accuracy of this model.

VaR at one single trading day within 99% confidence level

2017.1.1~2017.9.30	NT\$ (in thousands)
Period Ended	\$25,081
Average	16,470
Lowest	10,712
Highest	25,516

(C) Stress Test

Cathay Securities and its subsidiaries perform monthly Stress Test to assess the degree of impact on the asset portfolio arising from foreign and domestic significant events and find the risk simples which have more significant influence on the asset portfolio. Follow-up and review reports will be documented. Customized or extreme scenario which take rapid changes in foreign and domestic financial environment into consideration are also performed irregularly and measured the maximized losses arising from these scenarios for ensuring that Cathay Securities and its subsidiaries manage each potential scenario effectively.

Strees Test Scenario inculding Historical Scenario and Hypothesis Scenario:

a. Historical Scenario

Cathay Securities and its subsidiaries assess the dollar amount of losses for the investment portfolio by choosing a specific time frame of historical event and taking the fluctuation of risk simples into the consideration such as the immediate, significant, and comprehensive impact on financial market from bankruptcy of Lehman Brothers in 2008 and Great East Japan earthquake in 2011.

b. Hypothesis Scenario

Cathay Securities and its subsidiaries make hypothesis with rational expectations from the extreme market movements to assess the dollar amount of losses for the investment position by taking the movement of relevant risk simples into consideration including 10% drop on the total values of stock market arising from the global system breakdown.

2017.9.30 Table of Stress Test

Risk Simples	Price Risk	Changes (+/-)	Changes in profit and loss
Equity Risk	Stock index	<u>-10%</u>	\$(202,179)
Interest Risk	Yield Curve	<u>+100bps</u>	(130,391)
Exchange Risk	Exchange Rate	<u>+3%</u>	(5,218)
Product Risk	Price	<u>-10%</u>	-

(8) Structured entities

A. Consolidated structured entities

Cathay life and its subsidiaries own real estate investment and management organizations as consolidated structured entities. As of 30 September 2017, 31 December 2016 and 30 September 2016, Cathay life and its subsidiaries provides loans amounting to GBP 345,000 thousand, GBP 345,000 thousand and GBP 345,000 thousand to the consolidated structured entities, respectively.

B. Unconsolidated structured entities

(A) The Group do not provide financial support or other support to the unconsolidated structured entities. The Group's maximum exposure to loss from its interests in the unconsolidated structured entities are 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
Private equity fund	Investment in private equity	Investment in shares or
	funds to receive returns	limited partnership interests
		issued by the fund
Securitization vehicle	Investment in asset-backed	Investment in securitization
	security to receive returns	vehicles issued by the entity

(B) As of 30 September 2017, 31 December 2016 and 30 September 2016, the carrying amount of assets recognized by Cathay Life and its subsidiaries relating to its interests in unconsolidated structured entities is disclosed as follows:

	2017.9.30			
	Private equity	Asset-backed		
	funds	securities		
Available-for-sale financial assets	\$47,883,185	\$76,970,477		
Debt instrument investments for which no				
active market exists	-	120,398,657		
Held-to-maturity financial assets		4,567,626		
Total	\$47,883,185	\$201,936,760		
	2016.	12.31		
	2016. Private equity	12.31 Asset-backed		
Available-for-sale financial assets	Private equity	Asset-backed		
Available-for-sale financial assets Debt instrument investments for which no	Private equity funds	Asset-backed securities		
	Private equity funds	Asset-backed securities		
Debt instrument investments for which no	Private equity funds	Asset-backed securities \$100,957,444		
Debt instrument investments for which no active market exist	Private equity funds	Asset-backed securities \$100,957,444 106,571,086		

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	2016	5.9.30
	Private equity funds	Asset-backed securities
Available-for-sale financial assets	\$37,145,904	\$103,255,177
Debt instrument investments for which no		
active market exists	-	109,641,678
Held-to-maturity financial assets	-	431,566
Total	\$37,145,904	\$213,328,421
(C) As of 30 September 2017, 31December 20 amount of assets recognized by Cathay Unite interests in unconsolidated structured entities.	ed Bank and its subs	idiaries relating to its
	2017	7.9.30
		Asset Securitization
	Private Fund	commodity
Available-for-sale financial assets	\$-	\$653,526

	2017.9.30	
		Asset Securitization
	Private Fund	commodity
Available-for-sale financial assets	\$-	\$653,526
Held-to-maturity financial assets	-	10,355,378
Investments in debt securities with no		
active market	-	23,441,759
Total	\$-	\$34,450,663
	2016	5.12.31
		Asset Securitization
	Private Fund	commodity
Available-for-sale financial assets	\$-	\$922,506
Held-to-maturity financial assets	-	12,296,939
Investments in debt securities with no		
active market		28,079,749
Total	\$-	\$41,299,194
	2010	6.9.30
		Asset Securitization
	Private Fund	commodity
Available-for-sale financial assets	\$-	\$962,834
Held-to-maturity financial assets	-	12,732,207
Investments in debt securities with no		
active market		16,794,334
Total	\$-	\$30,489,375

(D) As of 30 September 2017, 31 December 2016 and 30 September 2016 the carrying amount of assets recognized by Cathay Century and its subsidiaries relating to its interests in unconsolidated structured entities is disclosed as follows:

	2017	7.9.30
		Asset Securitization
	Private Fund	commodity
Available-for-sale financial assets	\$-	\$113,112
Held-to-maturity financial assets		717,270
Total	\$-	\$830,382
	2016	.12.31
		Asset Securitization
	Private Fund	commodity
Available-for-sale financial assets	\$-	\$136,785
Held-to-maturity financial assets		880,018
Total	\$-	\$1,016,803
	2016	5.9.30
		Asset Securitization
	Private Fund	commodity
Available-for-sale financial assets	\$-	\$30,424
Held-to-maturity financial assets		895,013
Total	\$-	\$925,437

(9) Exchange rates used to translate material financial assets and liabilities denominated in foreign currencies are disclosed as follows at 30 September 2017, 31 December 2016 and 30 September 2016:

		2017.9.30			2016.12.31	
	Foreign	Exchange		Foreign	Exchange	
	Currency	Rate	NT\$	Currency	Rate	NT\$
Financial Assets						
Monetary Items						
USD	\$97,892,035	30.3050	\$2,966,618,121	\$81,453,135	32.2790	\$2,629,225,745
CNY	30,472,796	4.5592	138,931,572	22,132,024	4.6219	102,292,002
Non-Monetary Items USD	11,834,234	30.3050	358,636,461	12,034,353	32.2790	388,456,880
Financial Liabilities						
Monetary Items						
USD	13,341,003	30.3050	404,299,096	11,243,321	32.2790	362,923,159

		2016.9.30	
	Foreign	Exchange	
	Currency	Rate	NT\$
Financial Assets			
Monetary Items			
USD	\$77,144,834	31.3660	\$2,419,724,863
CNY	29,969,620	4.6949	140,704,369
Non-Monetary Items			
USD	11,811,466	31.3660	370,478,443
Financial Liabilities			
Monetary Items			
USD	12,339,493	31.3660	387,040,537

As the Group has a large variety of foreign currencies, it is not possible to disclose the foreign currency exchange gains or losses based on each foreign currency's exposure to major impact. The foreign currency exchange gains for the three-month and nine-month periods ended 30 September 2017 and 2016 were \$(4,625,158) thousand, \$(43,122,922) thousand, \$(91,595,229) thousand and \$(79,065,096) thousand, respectively.

(10) Discretionary account management

As of 30 September 2017, 31 December 2016 and 30 September 2016, Cathay Life contracts with securities investment trust business for discretionary investments management. The investment details are disclosed as follows:

	2017.9.30		2016.12.31		2016.9.30	
Item	Book value	Fair value	Book value	Fair value	Book value	Fair value
Domestic stocks	\$134,447,432	\$134,447,432	\$111,615,056	\$111,615,056	\$118,061,151	\$118,061,151
Overseas stocks	48,432,720	48,432,720	43,865,191	43,865,191	44,434,852	44,434,852
Reverse repurchase bonds	14,529,800	14,529,800	8,570,400	8,570,400	12,147,023	12,147,023
Cash in banks	39,169,918	39,169,918	18,580,579	18,580,579	18,657,593	18,657,593
Beneficiary certificates	1,125,124	1,125,124	710,198	710,198	-	-
Futures and options	120,029	120,029	247,321	247,321	991,506	991,506
Total	\$237,825,023	\$237,825,023	\$183,588,745	\$183,588,745	\$194,292,125	\$194,292,125
Beneficiary certificates Futures and options	1,125,124 120,029	1,125,124 120,029	710,198 247,321	710,198 247,321	991,506	991,506

As of 30 September 2017, Cathay Life entered into discretionary account management contracts in the amounts of \$107,000,000 thousand, US\$1,495,000 thousand, and HK\$2,750,000 thousand. As of 31 December 2016, Cathay Life entered into discretionary account management contracts in the amounts of \$90,748,903 thousand, US\$1,185,000 thousand, and HK\$1,780,000thousand. As of 30 September 2016, Cathay Life entered into discretionary account management contracts in the amounts of \$102,000,000 thousand, US\$1,185,000 thousand, and HK\$1,780,000 thousand.

As of 30 September 2017, 31 December 2016 and 30 September 2016, Cathay Century and its subsidiaries contract with securities investment trust business for discretionary investments management. The investment details are disclosed as follows:

	2017.	9.30	2016.1	12.31	2016.9.30		
Item	Book value Fair value		Book value	Fair value	Book value	Fair value	
Listed stocks	\$1,027,925	\$1,027,925	\$880,460	\$880,460	\$608,456	\$608,456	
Reverse repurchase bonds	370,319	370,319	600,050	600,050	630,051	630,051	
Cash in banks	117,708	117,708	104,183	104,183	207,959	207,959	
Futures and options	2,008	2,008	2,007	2,007	2,007	2,007	
Total	\$1,517,960	\$1,517,960	\$1,586,700	\$1,586,700	\$1,448,473	\$1,448,473	

As of 30 September 2017, 31 December 2016 and 30 September 2016, Cathay Century and its subsidiaries entered into discretionary account management contracts in the amounts of \$1,200,000 thousand, \$1,500,000 thousand, and \$1,300,000 thousand, respectively.

(11) Capital management:

Currently, the Company and its subsidiaries' capital adequacy ratios meet the statutory requirements. Under the pretext that the Company and its subsidiaries meet the statutory capital adequacy requirement, dynamic capital management mechanism is employed to increase the capital efficiency of the subsidiaries. After the redistribution of capital, the subsidiaries' ability to take risks will not be affected. Under such scenario, the Company will conduct overall planning based on the distribution of the subsidiaries' capital in order to strengthen the efficiency of capital operation within the Group.

(12) Business or trading activities within Subsidiaries:

A. Business or trading behaviors

Please refer to Note 33 for further details.

B. Integrate business activities:

By integrating the insurance, securities, banking and other various financial institutions, the Company has become a full-functioning financial platform. Through 735 branches and nearly 30 thousand professional sales representatives across Taiwan, the Company is able to develop its cross-selling marketing strategy and provide a one-stop shopping service for its customers.

C. Cross utilization of information:

In compliance with "Financial Holding Companies Act", "Personal Data Protection Act", "Financial Holding Subsidiaries Cross-selling Activities Acts", "Self-disciplinary Rules Governing the Activities of the FHC" and other related regulations from FSC, Executive Yuan, the Company has stipulated "Cross-selling Activities Acts between Cathay Financial Holdings and its Subsidiaries", "Cross-selling Activities Contracts between Cathay Financial Holdings and its Subsidiaries", "Non-disclosure Agreement of Business Information and Customers' Personal Data between Cathay Financial Holdings and its Subsidiaries", "Non-disclosure Measures Declaration of Cathay Financial Holdings and its Subsidiaries", "Cathay Financial Holdings' Supervision of its Subsidiaries' Marketing Practices", and "Points Governing Cathay Financial Holdings' Data Storage Management Measures" to provide customers with exit mechanism and to cross-utilize customers' personal data under a safe and secure environment and provide comprehensive and integrated financial service to the customers.

D. Locations and business utilities:

In order to provide more comprehensive financial service and comply with the "Financial Holding Subsidiaries Cross-selling Activities Acts", the Company has applied and obtained approval from the competent authority.

- (A) All the business units of Cathay United Bank (162 branches) may engage in cross-selling activities for insurance business and securities business. According to the opening regulations, Cathay United Bank on 29 April 2016 may engage in life insurance business and promote life insurance products.
- (B) Cathay Life may engage in cross-selling activities for banking, property and casualty insurance businesses in all its business and service units (177 locations).
- (C) Cathay Security may engage in cross-selling activities in Cathay United Bank's Banxin branch (and other 162 branches) and Cathay Life's Taitung branch (and other 32 branches). The shared business locations are available for account opening

E. Allocation of revenues, costs, expenses, profits and losses:

Revenue, costs, expenses, profits or losses arising from integrated business activities between the subsidiaries are allocated to each subsidiary based on the related business features or other reasonable allocation methods.

(13) Significant contracts:

None

13. Information regarding investment in Mainland China:

- (1) On 25 December 2002 and 24 July 2003, the Investment Commission of the Ministry of Economic Affairs (MOEAIC) authorized Cathay Life to remit USD 22,850 thousand and USD 27,150 thousand, respectively, as the registered capital to establish a China-based company named Cathay Life Insurance Co., Ltd. (Guangzhou). The total amount of the registered capital was revised from USD 50,000 thousand to USD 48,330 thousand approved by MOEAIC on 20 December 2010. Also, MOEAIC authorized Cathay Life to remit USD 59,000 thousand as the registered capital again on 16 May 2008. MOEAIC authorized Cathay Life to remit USD 3,400 thousand as the registered capital again on 2 April 2012. MOEAIC also authorized the revision of the amount of USD 32,520 thousand of unexecuted project to CNY 200,000 thousand to avoid currency risk on 14 September 2013. The total registered capital was USD 110,730 thousand. On 25 September 2003, MOEAIC authorized Cathay Life Insurance Co., Ltd. (Guangzhou) to change its location from Guangzhou to Shanghai. Cathay Life's subsidiary, Cathay Life Insurance Ltd. (China) has acquired a business license of an enterprise as legal person on 29 December 2004 and changed its name to Cathay Lujiazui Life Insurance Company Ltd. following approval by the China Insurance Regulatory Commission on 12 August 2014. Cathay Life has remitted USD 48,330 thousand to the subsidiary as of 31 December 2009. Cathay Life injected additional USD 29,880 thousand on 29 September 2010, CNY 200,000 thousand on 8 May 2014 and CNY 700,000 thousand on 20 September 2017. As of 30 September 2017, Cathay Life's remittances to the subsidiary totaled approximately CNY 900,000 thousand and USD 78,210 thousand.
- (2) On 17 October 2007, MOEAIC authorized Cathay Life to remit USD 26,390 thousand as the registered capital to establish a China-based general insurance subsidiary (in the form of a joint venture with Cathay Century Insurance) of which was also approved by China Insurance Regulatory Commission on 8 October 2007. On 6 March 2008, MOEAIC authorized Cathay Life to increase the remittances from USD 26,390 thousand to USD 28,960 thousand. On 15 August 2008, MOEAIC further authorized Cathay Life to revise the remittance from USD 28,960 thousand to USD 28,140 thousand. The joint venture company named Cathay Insurance Company Ltd. (China) established by Cathay Life and Cathay Century Insurance in Shanghai has acquired a business license of an enterprise as legal person on 26 August 2008. On 28 May 2013, MOEAIC authorized Cathay Life to remit CNY 200,000 thousand to increase the share capital. As of 30 September 2017, Cathay Life's remittances to this general insurance company totaled approximately CNY 200,000 thousand and USD 28,140 thousand

- (3) On 1 November 2011 and 11 April 2012, MOEAIC authorized Cathay Life to remit CNY 300,000 (USD 47,000) thousand and CNY 500,000 (USD 80,000) thousand, respectively. A total of USD 127,000 thousand was used as the registered capital to establish a China-based company named Lin Yuan (Shanghai) Real Estate Co., Ltd. Cathay Life's subsidiary, Lin Yuan (Shanghai) Real Estate Co., Ltd. has acquired a business license of an enterprise as legal person on 15 August 2012. On 1 April 2013, MOEAIC authorized Cathay Life to remit CNY 700,000 (USD 111,000) thousand to increase the share capital. As of 30 September 2017, Cathay Life's remittances to Lin Yuan (Shanghai) Real Estate Co., Ltd. totaled approximately CNY 1,500,000 thousand.
- (4) On 31 December 2006, the Investment Commission of the Ministry of Economic Affairs (MOEAIC) authorized Cathay Century to USD\$28,963 thousand to establish an insurance subsidiary, engaging in the business of property insurance business. On 8 October 2007, China Insurance Regulatory Commission (CIRC) authorized Cathay Century to prepare to build a property insurance company in form of joint venture with Cathay life Insurance. The joint venture company named Cathay Insurance Company Ltd. (China) established in Shanghai has acquired a business license of an enterprise as a legal person on 26 August 2008. On 28 May 2013, the MOEAIC authorized Cathay Century to CNY\$200,000 thousand to establish an insurance subsidiary. On 13 June 2013 and 18 March 2014, each amount of the company's remittance was CNY\$100,000 thousand and was authorized by CIRC. As of 30 September 2017, Cathay Century has totally remitted USD\$60,007 thousand.
- (5) MOEAIC approved Cathay United Bank to remit to China CNY¥400,000 (US\$60,070) thousand. According to the capital verification report issued by the local accountants in China, the approved working capital of Cathay United Bank's Shanghai Branch was CNY¥400,000 (US\$59,770) thousand. The remaining amount of US\$300 thousand was repatriated by Shanghai Branch, Cathay United Bank on 5 November 2010. The investment amounts were revised by Cathay United Bank by reporting to MOEAIC in 18 January 2011 and were approved on 24 January 2011. In addition, MOEAIC further approved Cathay United Bank to remit CNY¥600,000 (US\$95,020) thousand to China. According to the capital verification report issued by the local accountants in China, the approved working capital of Cathay United Bank's Shanghai Branch was CNY¥600,000 (US\$94,930) thousand. The remaining amount of US\$90 thousand was repatriated by Cathay United Bank's Shanghai Branch on 1 February 2012. The investment amounts were revised by Cathay United Bank by reporting to MOEAIC on 20 March 2012 and were approved on 26 March 2012. MOEAIC approved Cathay United Bank's Shanghai Branch to increase the working capital of CNY¥1,000,000 (US\$164,000) thousand on 27 February 2014. According to MOEAIC, further approved working capital of Cathay United Bank's Qingdao Branch was CNY¥600,000 (US\$98,200) thousand on 21 January 2014. And the approved working capital of Cathay United Bank's Shamchun Branch was CNY¥400,000 (US\$60,710) thousand on 5 January 2015.

- (6) On 9 January 2012, MOEAIC authorized Cathay Securities Investments Trust to remit CNY¥66,600 thousand as the registered capital to establish a China-based company named CDBS Cathay Asset Management (in the form of a joint venture with China Development Bank Securities). Cathay Securities Investment Trust held 33.3% number of shares. CDBS Cathay Asset Management's capital is CNY¥200,000 thousand, and has acquired a business license of an enterprise legal person on 16 August 2013. On 9 November 2016, the board of Cathay Securities Investments Trust approved to increase investment in CDBS Cathay Asset Management accounted for using the equity method as percentage of original ownership amounted to CNY¥53,280 thousand. The proposal was authorized by the Financial Supervisory Commission and MOEAIC on 16 May 2017 and 9 June 2017, respectively, on 29 September 2017 increase capital and will be executed after obtaining approval by the China authorities. As of 30 September 2017, Cathay Securities Investment Trust remittances to CDBS Cathay Asset Management totaled approximately CNY¥11,988 thousand.
- (7) On 5 March 2014, MOEAIC authorized Cathay Securities to invest in Cathay Investment Consulting (Shanghai) Co. Ltd., which was granted business license with registration number 310115400293635 on 11 June 2014 by Shanghai Pudong New Area Market Supervisory Authority of the People's Republic of China. The registered paid-in capital amounted to CNY¥8,000 (NT\$38,970) thousand.

14. Segment information

The Group separated operating segments based on the natures of business and they classified into five reportable segments for the purpose of management:

- (1) Banking operating segments: Banking operating segments operate the permitted businesses of commercial banks provided by the Banking Act of the Republic of China, foreign exchange business, guarantee business, advisory service of foreign currency investments, trust business, offshore banking units and other financial business of investments from returning expatriates.
- (2) Life insurance operating segments: Life insurance operating segments operate the sales of traditional insurance policies, investment-linked insurance policies and floating-rate annuity insurance products.
- (3) Properties insurance operating segments: Properties insurance operating segments engage in fire insurance, marine insurance, land and air insurance, liability insurance, bonding insurance, reinsurance and other insurance.
- (4) Securities operating segments: Securities operating segments are responsible for securities brokerage, discretionary and underwriting and dedicates to the innovation and development of financial products and services by providing a variety of new financial products.

(5) Other operating segments: Such segments include assets, liabilities, revenue and expenditure which are not able to be allocated to certain operating segments.

To formulate strategies of the allocation of resources and assessment of performance, the management monitors results of operating segments. The accounting policies are the same as the summary of significant accounting policies in Note 4.

Income information of reporting segment

2017.7.1~2017.9.30

			2017.7.50			
			Property and			
		Life	casualty			
		insurance	insurance	Securities	Other	
Items	Bank division	division	division	division	division	Total
Interest income	\$7,670,687	\$35,195,927	\$134,811	\$35,632	\$(20,084)	\$43,016,973
Net income other than interest	5,767,372	100,678,566	1,434,920	661,150	2,067,206	110,609,214
Total income	13,438,059	135,874,493	1,569,731	696,782	2,047,122	153,626,187
Bad debt expenses and Provision						
for premiums reserve	(570,981)	(36,106)	22	-	-	(607,065)
The net change of insurance						
liabilities	-	(110,754,817)	60,909	-	-	(110,693,908)
Operating expenses	(7,273,282)	(8,512,544)	(805,394)	(595,161)	(1,696,996)	(18,883,377)
Income (loss) from continuing						
operations before income taxes	5,593,796	16,571,026	825,268	101,621	350,126	23,441,837
Income taxes (expense) benefit	(931,687)	(484,570)	(67,283)	(24,310)	(128,312)	(1,636,162)
Consolidated net income	4,662,109	16,086,456	757,985	77,311	221,814	21,805,675

2016.7.1~2016.9.30

			Property and			
		Life	casualty			
		insurance	insurance	Securities	Other	
Items	Bank division	division	division	division	division	Total
Interest income	\$6,651,859	\$31,253,873	\$147,348	\$61,369	\$(98,233)	\$38,016,216
Net income other than interest	3,835,448	102,439,389	3,055,282	532,470	3,073,710	112,936,299
Total income	10,487,307	133,693,262	3,202,630	593,839	2,975,477	150,952,515
Bad debt expenses and Provision						
for premiums reserve	(1,227,162)	(256,767)	10,575	-	ı	(1,473,354)
The net change of insurance						
liabilities	-	(104,745,088)	283,527	-	-	(104,461,561)
Operating expenses	(6,718,235)	(8,133,615)	(896,168)	(456,927)	(1,601,448)	(17,806,393)
Income (loss) from continuing						
operations before income taxes	2,541,910	20,557,792	2,600,564	136,912	1,374,029	27,211,207
Income taxes (expense) benefit	(539,307)	(975,623)	(325,735)	(16,330)	(347,977)	(2,204,972)
Consolidated net income	2,002,603	19,582,169	2,274,829	120,582	1,026,052	25,006,235

2017.1.1~2017.9.30

		2017.1.1	2017.9.30			
			Property and			
		Life	casualty			
		insurance	insurance	Securities	Other	
Items	Bank division	division	division	division	division	Total
Interest income	\$22,135,401	\$102,342,747	\$396,982	\$115,677	\$(9,939)	\$124,980,868
Net income other than interest	13,427,813	278,213,376	4,303,102	1,806,320	5,508,280	303,258,891
Total income	35,563,214	380,556,123	4,700,084	1,921,997	5,498,341	428,239,759
Bad debt expenses and Provision						
for premiums reserve	(1,878,513)	91,807	49	(93,930)	-	(1,880,587)
The net change of insurance						
liabilities	-	(319,184,185)	(105,779)	-	-	(319,289,964)
Operating expenses	(19,877,160)	(25,138,159)	(2,428,593)	(1,557,263)	(4,980,127)	(53,981,302)
Income (loss) from continuing						
operations before income taxes	13,807,541	36,325,586	2,165,761	270,804	518,214	53,087,906
Income taxes (expense) benefit	(2,485,367)	69,311	(216,111)	(50,062)	(2,144,923)	(4,827,152)
Consolidated net income	11,322,174	36,394,897	1,949,650	220,742	(1,626,709)	48,260,754

2016.1.1~2016.9.30

			Property and			
		Life	casualty			
		insurance	insurance	Securities	Other	
Items	Bank division	division	division	division	division	Total
Interest income	\$19,010,847	\$94,842,515	\$429,817	\$123,052	\$(317,003)	\$114,089,228
Net income other than interest	13,182,711	265,537,314	6,646,020	1,455,476	8,772,490	295,594,011
Total income	32,193,558	360,379,829	7,075,837	1,578,528	8,455,487	409,683,239
Bad debt expenses and Provision						
for premiums reserve	(3,160,070)	(622,814)	3	(36)	-	(3,782,917)
The net change of insurance						
liabilities	-	(304,943,297)	(90,560)	-	-	(305,033,857)
Operating expenses	(18,964,517)	(25,789,741)	(3,138,706)	(1,198,490)	(4,811,808)	(53,903,262)
Income (loss) from continuing						
operations before income taxes	10,068,971	29,023,977	3,846,574	380,002	3,643,679	46,963,203
Income taxes (expense) benefit	(1,717,286)	(3,382,677)	(437,939)	(49,079)	(2,126,752)	(7,713,733)
Consolidated net income	8,351,685	25,641,300	3,408,635	330,923	1,516,927	39,249,470

Note:

- A. Revenues from each external customer were all less than 10% of total revenue of the Group.
- B. Income of operating segments is measured before taxes. Income of operating segments is the basis of resources distribution and perf.

Cathay Financial Holding Co., Ltd.

Balance sheets (parent company only)

As of 30 September 2017, 31 December 2016 and 30 September 2016

(30 September 2017 and 2016 reviewed only, not audited in accordance with the generally accepted auditing standards) (Expressed in thousands of New Taiwan Dollars)

Assets Sand cash equivalents \$346,934 \$14,822,959 \$5,179,831 Available-for-sale financial assets - net 85,429 85,689 85,833 Securities purchased under agreements to resell - 79,968 - Receivables - net 2,833,907 \$537,085 \$548,995 Current income tax assets 42,154,922 42,15,333 42,147,08 Held-to-maturity financial assets - net 41,000,000 34,000,000 16,000,000 Investments accounted for using the equity method - net 590,240,229 57,608,375 25,689,271 Other financial assets - net 9,663 7,699 7,337 Intangible assets - net 36,30,258,758 \$56,929,832 \$553,73,660 Total assets \$2,400 10,998 8,469 Total assets \$2,400 \$3,040,000 \$30,420,000 Total assets \$2,780,000 \$30,420,000 \$30,420,000 Commercial paper payable - net \$1,278,000 \$30,420,000 \$30,420,000 \$30,420,000 \$30,420,000 \$30,420,000 \$30,400,000 \$30,400,000 \$		2017.9.30	2016.12.31	2016.9.30
Available-for-sale financial assets - net S5,429 S5,689 S5,833 Securities purchased under agreements to resell 2,833,907 537,855 584,995 Current income tax assets 4,215,492 4,215,323 4,214,708 Held-to-maturity financial assets - net 41,000,000 41,000,000 16,000,000 Investments accounted for using the equity method - net 590,240,229 507,608,375 526,899,271 Other financial assets - net 7,999 11,968 13,239 11,968 13,239 11,968 13,239 11,968 13,239 11,968 13,239 11,968 13,239 11,968 13,239 11,968 13,239 10,998 13,469 10,998 10,99				
Securities purchased under agreements to resell 2,833,91 79,968 584,995 Receivables - net 2,833,91 537,085 584,995 Current income tax assets 4,215,492 4,215,323 4,214,708 Held-to-maturity financial assets - net 41,000,000 41,000,000 16,000,000 Investments accounted for using the equity method - net 590,240,229 507,608,375 526,899,271 Other financial assets - net 9,663 7,699 7,337 Intagible assets - net 9,663 7,699 13,3298 Deferred tax assets - net 48,6634 482,657 579,918 Other assets - net 32,491 10,998 8,469 Total assets 569,253,878 \$569,29,282 \$553,575,606 Total assets 562,252,788 \$569,29,282 \$553,575,606 Total assets 661,627 5,625,178 1,346,810 Commercial paper payable - net \$42,80,000 \$35,980,000 \$30,420,000 Payables 611,627 5,625,178 1,346,810 Current income tax liabilities <t< td=""><td></td><td></td><td></td><td></td></t<>				
Receivables - net 2,833,907 537,085 584,995 Current income tax assets 4,215,492 4,215,323 4,214,708 Held-to-maturity financial assets - net 41,000,000 41,000,000 16,000,000 Investments accounted for using the equity method - net 590,240,229 507,068,375 526,899,271 Other financial assets - net 9,663 7,699 7,337 Intangible assets - net 7,979 11,968 13,298 Deferred tax assets - net 486,634 482,657 579,918 Other assets - net 5639,258,788 \$569,292,832 \$553,573,660 Other assets 6839,258,788 \$569,292,832 \$553,573,660 Other assets 8639,258,788 \$569,292,832 \$553,573,660 Other assets 8639,258,788 \$569,292,832 \$553,573,660 Current faccount tax liabilities 10,11,11,11,11,11,11,11,11,11,11,11,11,1		85,429		85,833
Current income tax assets 4,215,492 4,215,323 4,214,708 Held-to-maturity financial assets - net 41,000,000 41,000,000 16,000,007 Other financial assets-net 90,240,229 507,608,375 526,899,271 Other financial assets-net 9,663 7,699 7,337 Intagible assets - net 9,663 7,999 11,968 13,298 Deferred tax assets - net 486,634 482,657 579,918 Other assets 32,491 10,998 8,469 Total assets \$639,258,758 \$569,292,832 \$553,573,660 Libitities Commercial paper payable - net \$42,780,000 \$35,980,000 \$30,420,000 Payables 611,627 5,652,178 1,346,810 Current income tax liabilities 10,311,347 3,031,746 8,378,212 Bonds payable - - - - - 20,000,000 Other borrowings 20,000,000 - - - - - - - - - <td></td> <td>-</td> <td></td> <td>-</td>		-		-
Held-to-maturity financial assets - net 41,000,000 14,000,000 16,000,000 10,000,000,000 10,000,00			· · · · · · · · · · · · · · · · · · ·	
Investments accounted for using the equity method - net 590,240,229 507,608,375 526,899,271 Other financial assets-net 9,663 7,699 7,337 Intagible assets - net 9,663 7,699 11,968 13,298 Deferred tax assets - net 486,634 482,657 579,918 Other assets - net 32,491 10,998 8,469 Total assets Experimental speech of the speech				
Other financial assets-net - 430,111 - Property and equipment - net 9,663 7,699 7,337 Intangible assets - net 7,979 11,968 13,298 Other assets - net 486,634 482,657 579,918 Other assets - net 32,491 10,998 8,469 Total assets \$639,258,758 \$569,292,832 \$553,573,660 Liabilities Equipment payable - net \$42,780,000 \$35,980,000 \$30,420,000 Payables 611,627 5,625,178 1,346,810 Current income tax liabilities 10,311,347 3,031,746 8,378,225 Bonds payable 1 - 20,000,000 Other borrowings 200,000 - - 20,000,000 Other liabilities 226,706 226,707 226,706 20,000,000 0 1,000,000 0 1,000,000 0 1,000,000 0 1,000,000 0 1,000,000 0 1,000,000 0 1,000,000 0 1,000,	· · · · · · · · · · · · · · · · · · ·			
Property and equipment - net Intagible assets - net 9,663 7,699 13,378 Deferred tax assets - net 486,634 482,657 579,918 Other assets - net 32,491 10,998 8,469 Total assets \$639,258,758 \$569,29,832 \$553,573,600 Liabilities Commercial paper payable - net \$42,780,000 \$35,980,000 \$30,420,000 Payables 611,627 5,625,178 1,346,810 Current income tax liabilities 10,311,347 3,031,746 8,378,225 Bonds payable - - - 200,000,000 Other borrowings 200,000 - - - - - 200,000,000 - - - - - 200,000,000 -		590,240,229		526,899,271
Intangible assets - net 7,979 11,968 13,298 Deferred tax assets - net 486,634 482,657 579,918 Other assets 32,491 10,998 8,469 Total assets \$639,258,758 \$569,292,832 \$553,573,660 Liabilities Steputy Steputy Steputy Liabilities Steputy Steputy Steputy \$35,980,000 \$30,420,000 Payables 611,627 5,625,178 1,346,810 \$42,780,000 \$30,420,000 \$30,420,000 \$40,000 \$30,420,000 \$40,000 \$30,420,000 \$40,000 \$40,000,000 <		-		-
Deferred tax assets - net Other assets - net ot				
Other assets - net 32,491 10,998 8,469 Total assets \$639,258,758 \$569,298,32 \$553,573,600 Labilities & Equity Liabilities \$42,780,000 \$55,980,000 \$30,420,000 Payables 611,627 5,625,178 1,346,810 Payables 611,627 5,625,178 1,346,810 Bonds payable 10,311,347 3,031,746 8,378,225 Bonds payable 200,000 - - - - Other borrowings 926,889 918,764 638,024 - <td>Intangible assets - net</td> <td>7,979</td> <td>11,968</td> <td>13,298</td>	Intangible assets - net	7,979	11,968	13,298
Total assets \$639,258,758 \$569,292,832 \$553,573,660 Liabilities ***********************************		486,634	482,657	579,918
Liabilities & Equity Liabilities & Equity Commercial paper payable - net \$42,780,000 \$35,980,000 \$30,420,000 Payables 611,627 5,625,178 1,346,810 Current income tax liabilities 10,311,347 3,031,746 8,378,225 Bonds payable - - - 20,000,000 Other borrowings 200,000 - - - Provisions 926,889 918,764 638,024 Deferred tax liabilities 226,706 226,707 226,706 Other liabilities 163,827 185,865 101,423 Total liabilities 55,220,396 45,968,260 61,111,188 Equity Common stock 125,632,102 125,632,102 125,632,102 Preferred stock 8,333,000 8,333,000 - Capital surplus 130,452,105 130,448,697 88,782,670 Retained earnings 35,339,841 30,577,724 30,577,724 Special reserve 149,106,971 149,108,3	Other assets - net			
Liabilities \$42,780,000 \$35,980,000 \$30,420,000 Payables 611,627 5,625,178 1,346,810 Current income tax liabilities 10,311,347 3,031,746 8,378,225 Bonds payable - - 20,000,000 Other borrowings 200,000 - - Provisions 926,889 918,764 638,024 Deferred tax liabilities 226,706 226,707 226,706 Other liabilities 163,827 185,865 101,423 Total liabilities 55,220,396 45,968,260 61,111,188 Equity - <t< td=""><td>Total assets</td><td>\$639,258,758</td><td>\$569,292,832</td><td>\$553,573,660</td></t<>	Total assets	\$639,258,758	\$569,292,832	\$553,573,660
Commercial paper payable - net \$42,780,000 \$35,980,000 \$30,420,000 Payables 611,627 5,625,178 1,346,810 Current income tax liabilities 10,311,347 3,031,746 8,378,225 Bonds payable - - 20,000,000 Other borrowings 200,000 - - Provisions 926,889 918,764 638,024 Deferred tax liabilities 226,706 226,707 226,706 Other liabilities 163,827 185,865 101,423 Total liabilities 55,220,396 45,968,260 61,111,188 Equity Common stock 125,632,102 125,632,102 125,632,102 Preferred stock 8,333,000 8,333,000 - Capital surplus 130,452,105 130,448,697 88,782,670 Retained earnings 35,339,841 30,577,724 30,577,724 Special reserve 149,106,971 149,108,336 149,108,336 Undistributed earnings 90,934,090 73,001,761 64,134,458				
Payables 611,627 5,625,178 1,346,810 Current income tax liabilities 10,311,347 3,031,746 8,378,225 Bonds payable - - - 20,000,000 Other borrowings 200,000 - - - Provisions 926,889 918,764 638,024 Deferred tax liabilities 226,706 226,707 226,706 Other liabilities 163,827 185,865 101,423 Total liabilities 55,220,396 45,968,260 61,111,188 Equity Capital stock 125,632,102 125,632,102 125,632,102 Preferred stock 8,333,000 8,333,000 - Capital surplus 130,452,105 130,448,697 88,782,670 Retained earnings 35,339,841 30,577,724 30,577,724 Special reserve 35,339,841 30,577,724 30,577,724 Special reserve 149,106,971 149,108,336 149,108,336 Undistributed earnings 90,934,090 73,001,		# 12 7 00 000	# 2 5 000 000	Ф20, 420, 000
Current income tax liabilities 10,311,347 3,031,746 8,378,225 Bonds payable - - 20,000,000 Other borrowings 200,000 - - Provisions 926,889 918,764 638,024 Deferred tax liabilities 226,706 226,707 226,706 Other liabilities 163,827 185,865 101,423 Total liabilities 55,220,396 45,968,260 61,111,188 Equity Capital stock 125,632,102 125,632,102 125,632,102 Preferred stock 8,333,000 8,333,000 - Capital surplus 8,333,000 8,333,000 - Retained earnings 130,448,697 88,782,670 Retained earnings 35,339,841 30,577,724 30,577,724 Special reserve 35,339,400 73,001,761 64,134,458 Undistributed earnings 90,934,090 73,001,761 64,134,458 Other equity 44,240,253 6,222,952 34,227,182 Tot	* * * * *			
Bonds payable Other borrowings 200,000 - 20,000,000 Provisions 926,889 918,764 638,024 Deferred tax liabilities 226,706 226,707 226,706 Other liabilities 163,827 185,865 101,423 Total liabilities 55,220,396 45,968,260 61,111,188 Equity Capital stock 2 125,632,102				, ,
Other borrowings 200,000 -		10,311,347	3,031,746	
Provisions 926,889 918,764 638,024 Deferred tax liabilities 226,706 226,707 226,706 Other liabilities 163,827 185,865 101,423 Total liabilities 55,220,396 45,968,260 61,111,188 Equity Capital stock 125,632,102 125,632,102 125,632,102 Preferred stock 8,333,000 8,333,000 Capital surplus 130,452,105 130,448,697 88,782,670 Retained earnings 35,339,841 30,577,724 30,577,724 Special reserve 149,106,971 149,108,336 149,108,336 Undistributed earnings 90,934,090 73,001,761 64,134,458 Other equity 44,240,253 6,222,952 34,227,182 Total equity 584,038,362 523,324,572 492,462,472	1 3	-	-	20,000,000
Deferred tax liabilities 226,706 226,707 226,706 Other liabilities 163,827 185,865 101,423 Total liabilities 55,220,396 45,968,260 61,111,188 Equity Capital stock Common stock 125,632,102 125,632,102 125,632,102 Preferred stock 8,333,000 8,333,000 - Capital surplus 130,452,105 130,448,697 88,782,670 Retained earnings 2 2 2 Legal reserve 35,339,841 30,577,724 <td></td> <td></td> <td>-</td> <td>-</td>			-	-
Other liabilities 163,827 185,865 101,423 Total liabilities 55,220,396 45,968,260 61,111,188 Equity Capital stock Common stock 125,632,102 125,632,102 125,632,102 Preferred stock 8,333,000 8,333,000 - Capital surplus 130,452,105 130,448,697 88,782,670 Retained earnings Legal reserve 35,339,841 30,577,724 30,577,724 Special reserve 149,106,971 149,108,336 149,108,336 Undistributed earnings 90,934,090 73,001,761 64,134,458 Other equity 44,240,253 6,222,952 34,227,182 Total equity 584,038,362 523,324,572 492,462,472		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
Total liabilities 55,220,396 45,968,260 61,111,188 Equity Capital stock Common stock 125,632,102 125,632,102 125,632,102 Preferred stock 8,333,000 8,333,000 - Capital surplus 130,452,105 130,448,697 88,782,670 Retained earnings Legal reserve 35,339,841 30,577,724 30,577,724 Special reserve 149,106,971 149,108,336 149,108,336 Undistributed earnings 90,934,090 73,001,761 64,134,458 Other equity 44,240,253 6,222,952 34,227,182 Total equity 584,038,362 523,324,572 492,462,472				
Equity Capital stock 125,632,102 125,632,102 125,632,102 125,632,102 125,632,102 125,632,102 125,632,102 Preferred stock 8,333,000 8,333,000 - Capital surplus 130,448,697 88,782,670 Retained earnings 149,106,971 149,108,336 149,108,336 149,108,336 Undistributed earnings 90,934,090 73,001,761 64,134,458 Other equity 44,240,253 6,222,952 34,227,182 Total equity 584,038,362 523,324,572 492,462,472				
Capital stock 125,632,102 <	Total liabilities	55,220,396	45,968,260	61,111,188
Common stock 125,632,102 125,632,102 125,632,102 Preferred stock 8,333,000 8,333,000 - Capital surplus 130,452,105 130,448,697 88,782,670 Retained earnings 2 35,339,841 30,577,724 30,577,724 Special reserve 149,106,971 149,108,336 149,108,336 Undistributed earnings 90,934,090 73,001,761 64,134,458 Other equity 44,240,253 6,222,952 34,227,182 Total equity 584,038,362 523,324,572 492,462,472				
Preferred stock 8,333,000 8,333,000 - Capital surplus 130,452,105 130,448,697 88,782,670 Retained earnings 35,339,841 30,577,724 30,577,724 Special reserve 149,106,971 149,108,336 149,108,336 Undistributed earnings 90,934,090 73,001,761 64,134,458 Other equity 44,240,253 6,222,952 34,227,182 Total equity 584,038,362 523,324,572 492,462,472	•			
Capital surplus 130,452,105 130,448,697 88,782,670 Retained earnings 35,339,841 30,577,724 30,577,724 Special reserve 149,106,971 149,108,336 149,108,336 Undistributed earnings 90,934,090 73,001,761 64,134,458 Other equity 44,240,253 6,222,952 34,227,182 Total equity 584,038,362 523,324,572 492,462,472	Common stock	125,632,102	125,632,102	125,632,102
Retained earnings Legal reserve 35,339,841 30,577,724 30,577,724 Special reserve 149,106,971 149,108,336 149,108,336 Undistributed earnings 90,934,090 73,001,761 64,134,458 Other equity 44,240,253 6,222,952 34,227,182 Total equity 584,038,362 523,324,572 492,462,472	Preferred stock	8,333,000	8,333,000	-
Legal reserve 35,339,841 30,577,724 30,577,724 Special reserve 149,106,971 149,108,336 149,108,336 Undistributed earnings 90,934,090 73,001,761 64,134,458 Other equity 44,240,253 6,222,952 34,227,182 Total equity 584,038,362 523,324,572 492,462,472	Capital surplus	130,452,105	130,448,697	88,782,670
Special reserve 149,106,971 149,108,336 149,108,336 Undistributed earnings 90,934,090 73,001,761 64,134,458 Other equity 44,240,253 6,222,952 34,227,182 Total equity 584,038,362 523,324,572 492,462,472	Retained earnings			
Undistributed earnings 90,934,090 73,001,761 64,134,458 Other equity 44,240,253 6,222,952 34,227,182 Total equity 584,038,362 523,324,572 492,462,472	Legal reserve	35,339,841	30,577,724	30,577,724
Other equity 44,240,253 6,222,952 34,227,182 Total equity 584,038,362 523,324,572 492,462,472	Special reserve	149,106,971	149,108,336	149,108,336
Other equity 44,240,253 6,222,952 34,227,182 Total equity 584,038,362 523,324,572 492,462,472	Undistributed earnings	90,934,090	73,001,761	64,134,458
Total equity 584,038,362 523,324,572 492,462,472				

Cathay Financial Holding Co., Ltd.

Statements of Comprehensive Income (parent company only)

For the three-month periods ended 30 September 2017 and 2016, and nine-month periods ended 30 September 2017 and 2016

 $(Reviewed\ only,\ not\ audited\ in\ accordance\ with\ the\ generally\ accepted\ auditing\ standards)$

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

	2017.7.1~2017.9.30	2016.7.1~2016.9.30	2017.1.1~2017.9.30	2016.1.1~2016.9.30
Income				
Gains on investment - equity method	\$21,647,412	\$24,036,235	\$49,431,079	\$40,059,767
Other operating income	348,351	1,466,035	1,069,997	1,682,861
	21,995,763	25,502,270	50,501,076	41,742,628
Expenses and loss				
Operating expenses	(234,148)	(188,753)	(604,491)	(549,860)
Other expenses and losses	(46,786)	(175,952)	(152,168)	(536,026)
	(280,934)	(364,705)	(756,659)	(1,085,886)
Profit before income tax from continuing operations	21,714,829	25,137,565	49,744,417	40,656,742
Income tax expense	(6,274)	(269,866)	(1,800,331)	(1,905,232)
Profit after income tax from continuing operations	21,708,555	24,867,699	47,944,086	38,751,510
Net Income	21,708,555	24,867,699	47,944,086	38,751,510
Not to be reclassified to profit or loss in subsequent periods: Share of other comprehensive income of associates and joint ventures accounted for using the equity method - not to be reclassified to profit or loss in subsequent periods	123,536	(572,848)	(735,012)	171,155
To be reclassified to profit or loss in subsequent periods:				
Unrealized gains (losses) from available-for-sale financial assets	833	2,164	(259)	6,383
Share of other comprehensive income of associates and joint ventures				
accounted for using the equity method - to be reclassified				
to profit or loss in subsequent periods	6,163,249	17,681,920	38,752,572	23,601,354
Other comprehensive income, net of tax	6,287,618	17,111,236	38,017,301	23,778,892
Total comprehensive income	\$27,996,173	\$41,978,935	\$85,961,387	\$62,530,402
Earnings per share (expressed in dollars)				
Basic earnings per share:				
Net income	\$1.72	\$1.98	\$3.81	\$3.08

Cathay Financial Holding Co., Ltd.

Statements of Changes in Equity (parent company only)

For the nine-month periods ended 30 September 2017 and 2016

(Reviewed only, not audited in accordance with the generally accepted auditing standards)

(Expressed in thousands of New Taiwan Dollars)

Equity	attributable	to owners	of	parent
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						Equity a	ttributable to owner	s of parent						
	Capita	al stock			Retained earnings					Other equity				
						Undistributed	Exchange differences resulting from translating the financial statements of a	Unrealized gains (losses) from available-for-sale		designated financial liabilities at fair value through profit or loss resulting from			01	
Items Balance on 1 January 2016	Common stock \$125,632,102	Preferred stock \$-	Capital Surplus \$88,781,174	Legal reserve \$24,820,095	\$140,185,120	earnings \$65,190,213	foreign operation \$1,865,366	financial assets \$(417,073)	cash flow hedges \$371,524	credit risk \$83,462	plans \$(1,562,755)	on property \$10,108,783	Others \$(1,017)	Total \$455,056,994
Balance on 1 January 2010	\$125,032,102	φ-	\$66,761,174	\$24,820,093	\$140,163,120	303,190,213	\$1,805,500	\$(417,073)	\$371,324	363,402	\$(1,302,733)	\$10,100,703	\$(1,017)	\$433,030,994
Appropriations and distribution for 2015														
Legal reserve				5,757,629		(5,757,629)								-
Special reserve					8,923,216	(8,923,216)								-
Cash dividends						(25,126,420)								(25,126,420)
Other additional paid-in capital														
Share of changes in net assets of associates and joint ventures accounted														
for using the equity method			1,496											1,496
Net income for the nine-month period ended 30 September 2016						38,751,510								38,751,510
Other comprehensive income for the nine-month period ended 30 September 2016		-					(9,032,000)	32,633,444	6,293	165,509	5,646			23,778,892
Comprehensive income for the nine-month period ended 30 September 2016				-		38,751,510	(9,032,000)	32,633,444	6,293	165,509	5,646		-	62,530,402
Balance on 30 September 2016	\$125,632,102	\$-	\$88,782,670	\$30,577,724	\$149,108,336	\$64,134,458	\$(7,166,634)	\$32,216,371	\$377,817	\$248,971	\$(1,557,109)	\$10,108,783	\$(1,017)	\$492,462,472
Balance on 1 January 2017	\$125,632,102	\$8,333,000	\$130,448,697	\$30,577,724	\$149,108,336	\$73,001,761	\$(7,274,912)	\$4,023,159	\$191,534	\$120,321	\$(945,933)	\$10,108,783	\$-	\$523,324,572
Appropriations and distribution for 2016														
Legal reserve				4,762,117		(4,762,117)								_
Common stock cash dividends						(25,126,420)								(25,126,420)
Preferred stock cash dividends						(124,585)								(124,585)
Reversal of special reserve					(1,365)	1,365								-
Other additional paid-in capital														
Share of changes in net assets of associates and joint ventures accounted														
for using the equity method			(804)											(804)
- 1														
Net income for the nine-month period ended 30 September 2017						47,944,086								47,944,086
Other comprehensive income for the nine-month period ended 30 September 2017							(2,815,815)	41,537,737	30,391	(928,780)	•	188,821		38,017,301
Comprehensive income for the nine-month period ended 30 September 2017				-		47,944,086	(2,815,815)	41,537,737	30,391	(928,780)	4,947	188,821		85,961,387
			, , , ,											,
Share-based payment			4,212	******	*******	******	****		****		*****			4,212
Balance on 30 September 2017	\$125,632,102	\$8,333,000	\$130,452,105	\$35,339,841	\$149,106,971	\$90,934,090	\$(10,090,727)	\$45,560,896	\$221,925	\$(808,459)	\$(940,986)	\$10,297,604	\$-	\$584,038,362

Cathay Financial Holding Co., Ltd.

Statements of Cash Flows (parent company only)

For the nine-month periods ended 30 September 2017 and 2016

(Reviewed only, not audited in accordance with the generally accepted auditing standards)

(Expressed in thousands of New Taiwan Dollars)

Items	2017.1.1~2017.9.30	2016.1.1~2016.9.30
Cash flows from operating activities		
Profit before income tax from continuing operations	\$49,744,417	\$40,656,742
Adjustments:		
Income and other adjustments with no cash flow effects		
Depreciation	1,503	1,301
Amortization	3,989	3,989
Interest expenses	120,645	485,408
Interest income	(1,059,406)	(313,699)
Share of profit of associates and joint ventures accounted for using the equity method	(49,431,079)	(40,059,767)
Losses on disposal of property and equipment	191	-
Unrealized foreign exchange losses	9,663	24,737
Others	4,212	(1,325,222)
Changes in operating assets and liabilities	,	
Decrease in other financial assets	430,111	-
Increase in other assets	(16,951)	(129)
Decrease in payables	(19,419)	(17,042)
Increase (decrease) in provisions	8,125	(88,573)
(Decrease) increase in other liabilities	(22,038)	19,372
Interest received	150,048	415,669
Interest paid	(120,645)	(88,633)
Income taxes paid	(906,472)	(1,021,461)
Net cash flows used in operating activities	(1,103,106)	(1,307,308)
Cash flows from investing activities		
Increase in investments accounted for using the equity method	(15,668,000)	(557,374)
Acquisition of property and equipment	(3,658)	(1,390)
Increase in other assets	(4,542)	-
Dividends received	20,483,981	25,953,687
Net cash flows used in investing activities	4,807,781	25,394,923
Cash flows from financing activities		
Increase in short-term liabilities	200,000	-
Increase in commercial paper payable	6,800,000	1,600,000
Dividends paid	(25,251,005)	(25,126,420)
Net cash flows from financing activities	(18,251,005)	(23,526,420)
Effects of exchange rate changes on cash and cash equivalents	(9,663)	(24,737)
Decrease in cash and cash equivalents	(14,555,993)	536,458
Cash and cash equivalents at the beginning of periods	14,902,927	4,643,373
Cash and cash equivalents at the end of periods	\$346,934	\$5,179,831
The components of cash and cash equivalents		
Cash and cash equivalents presented in balance sheet	\$346,934	\$5,179,831
Securities purchased under agreements to resell satisfied the definition of cash and cash equivalents under IAS No.7	-	-
Cash and cash equivalents at the end of periods	\$346,934	\$5,179,831
OZO	Ψ5 10,754	Ψ5,17,051

45. The major subsidiaries' condensed balance sheets and statements of comprehensive income

Cathay Life Insurance Co., Ltd. Condensed Balance Sheets As of 30 September 2017 and 30 September 2016 (Expressed in thousands of New Taiwan Dollars)

Items	2017.9.30	2016.9.30
Assets		
Cash and cash equivalents	\$292,308,959	\$237,759,444
Receivables	55,142,470	71,044,641
Financial asset at fair value through profit or loss	32,799,638	50,452,241
Available-for-sale financial assets	1,418,509,717	1,373,778,111
Derivative financial assets for hedging	268,938	456,539
Investments accounted for using the equity method	88,360,832	78,289,790
Investment in debt securities with no active market	2,325,988,208	1,904,821,527
Held-to-maturity financial assets	41,931,979	25,058,878
Other financial assets	4,500,000	7,500,000
Investment property	420,452,642	415,442,439
Loans	617,719,249	624,000,971
Reinsurance contract assets	816,587	825,662
Property and equipment	29,601,205	27,851,117
Intangible assets	36,140,677	38,143,863
Deferred tax assets	26,061,187	14,014,634
Other assets	24,162,981	26,391,555
Separate account product assets	549,667,323	496,384,532
Total assets	\$5,964,432,592	\$5,392,215,944
Liabilities		
Payables	\$52,609,887	\$21,739,649
Financial liability at fair value through profit or loss	9,490,306	1,367,020
Bonds payable	70,000,000	1,307,020
Preferred stock liability	5,000,000	15,000,000
Insurance liabilities	4,800,972,586	4,411,768,223
Reserve for insurance contract	4,800,972,380	4,411,700,223
with feature of financial instruments	385,220	14,541,408
Foreign exchange volatility reserve	9,465,865	10,231,206
Liability reserve	56,245	150,489
Deferred tax liabilities	34,359,354	33,596,745
Other liabilities	9,343,069	6,246,336
Separate account product liabilities	549,667,323	496,384,532
Total liabilities	5,541,349,855	5,011,025,608
Total natifics	3,341,347,633	3,011,023,000
Stockholders' equity		
Capital stock	53,065,274	53,065,274
Capital surplus	13,767,663	13,767,440
Retained earnings	321,349,170	293,331,566
Others	34,900,630	21,026,056
Total stockholders' equity	423,082,737	381,190,336
Total liabilities and stockholders' equity	\$5,964,432,592	\$5,392,215,944

Cathay Life Insurance Co., Ltd. Condensed Statements of Comprehensive Income For the nine-month periods ended 30 September 2017 and 2016 (Expressed in thousands of New Taiwan Dollars, except earnings per share)

Items	2017.1.1~2017.9.30	2016.1.1~2016.9.30
Operating income	\$635,675,632	\$626,998,804
Operating costs	(589,758,936)	(582,841,607)
Operating expenses	(16,183,103)	(16,602,520)
Operating profit	29,733,593	27,554,677
Non-operating income and expenses	1,009,524	1,393,349
Profit from continuing operations before income tax	30,743,117	28,948,026
Income tax profit (expense)	236,078	(3,836,094)
Profit from continuing operations after income tax	30,979,195	25,111,932
Net income	30,979,195	25,111,932
Other comprehensive income	38,787,505	24,682,989
Total comprehensive income	\$69,766,700	\$49,794,921
Primary earnings per share	\$5.84	\$4.73

Cathay Lujiazui Life Insurance Co., Ltd. Condensed Balance Sheets As of 30 September 2017 and 30 September 2016 (Expressed in thousands of New Taiwan Dollars)

Items	2017.9.30	2016.9.30
Assets		
Cash and cash equivalents	\$7,317,136	\$1,895,355
Receivables	653,642	435,440
Financial asset at fair value through profit or loss	481,362	1,029,319
Available-for-sale financial assets	6,468,925	3,591,464
Investment in debt securities with no active market	11,318,738	7,323,901
Held-to-maturity financial assets	819,418	1,009,354
Loans	163,086	86,035
Reinsurance contract assets	27,045	18,715
Property and equipment	88,272	101,852
Intangible assets	28,604	33,193
Other assets	1,533,633	1,591,688
Separate account product assets	139,256	163,498
Total assets	\$29,039,117	\$17,279,814
Liabilities		
Short-term debt	\$-	\$117,558
Payables	1,357,067	867,365
Reserve for insurance contract		
with feature of financial instruments	8,138,305	5,396,193
Insurance liabilities	9,280,406	6,391,829
Other liabilities	35,442	35,812
Separate account product liabilities	139,256	163,498
Total liabilities	18,950,476	12,972,255
Stockholders' equity		
Capital stock	13,497,155	7,067,795
Retained earnings	(3,519,983)	(3,096,209)
Others	111,469	335,973
Total stockholders' equity	10,088,641	4,307,559
Total liabilities and stockholders' equity	\$29,039,117	\$17,279,814

Cathay Lujiazui Life Insurance Co., Ltd. Condensed Statements of Comprehensive Income For the nine-month periods ended 30 September 2017 and 2016 (Expressed in thousands of New Taiwan Dollars, except earnings per share)

Items	2017.1.1~2017.9.30	2016.1.1~2016.9.30
Operating income	\$5,921,405	\$3,806,998
Operating costs	(4,985,080)	(2,495,356)
Operating expenses	(1,133,105)	(959,327)
Operating (loss) profit	(196,780)	352,315
Non-operating income and expenses	7,224	(384)
(Loss) profit from continuing operations before income tax	(189,556)	351,931
Income tax expense		
(Loss) profit from continuing operations after income tax	(189,556)	351,931
Net (loss) income	(189,556)	351,931
Other comprehensive loss	(129,751)	(532,782)
Total comprehensive loss	\$(319,307)	\$(180,851)
Primary earnings per share	Note	Note

Note: Cathay Lujiazui Life is a limited company; there is no information about earning per share.

Cathay Life Insurance Company (Vietnam) Condensed Balance Sheets As of 30 September 2017 and 30 September 2016 (Expressed in thousands of New Taiwan Dollars)

Items	2017.9.30	2016.9.30
Assets		
Cash and cash equivalents	\$298,536	\$685,101
Receivables	309,584	255,565
Available-for-sale financial assets	7,042,231	5,652,213
Investment in debt securities with no active market	186,760	200,777
Loans	27,371	21,906
Property and equipment	14,251	14,699
Intangible assets	126	190
Other assets	50,168	46,201
Total assets	\$7,929,027	\$6,876,652
Liabilities		
Payables	\$60,396	\$23,711
Current income tax liabilities	8,473	34,042
Insurance liabilities	1,526,494	1,045,695
Other liabilities	333	442
Total liabilities	1,595,696	1,103,890
Stockholders' equity		
Capital stock	5,410,990	5,410,990
Retained earnings	462,505	365,507
Others	459,836	(3,735)
Total stockholders' equity	6,333,331	5,772,762
Total liabilities and stockholders' equity	\$7,929,027	\$6,876,652

Cathay Life Insurance Company (Vietnam) Condensed Statements of Comprehensive Income For the nine-month periods ended 30 September 2017 and 2016 (Expressed in thousands of New Taiwan Dollars, except earnings per share)

Items	2017.1.1~2017.9.30	2016.1.1~2016.9.30
Operating income	\$861,324	\$716,829
Operating costs	(519,039)	(334,123)
Operating expenses	(253,627)	(194,791)
Operating profit	88,658	187,915
Non-operating income and expenses	1,410	1,275
Profit from continuing operations before income tax	90,068	189,190
Income tax expense	(25,832)	(35,737)
Profit from continuing operations after income tax	64,236	153,453
Net income	64,236	153,453
Other comprehensive income	445,811	59,141
Total comprehensive income	\$510,047	\$212,594
Primary earnings per share	Note	Note

Note: Cathay Life Insurance Company (Vietnam) is a limited company; there is no information about earning per share.

Lin Yuan (Shanghai) Real Estate Co., Ltd. Condensed Balance Sheets As of 30 September 2017 and 30 September 2016 (Expressed in thousands of New Taiwan Dollars)

Items	2017.9.30	2016.9.30
Assets		
Current assets	\$791,046	\$608,899
Investment property	6,501,507	6,705,856
Property and equipment	550,932	586,375
Total assets	\$7,843,485	\$7,901,130
Liabilities		
Current liabilities	\$857	\$812
Deferred tax liabilities	294,967	260,277
Other liabilities	89,578	83,196
Total liabilities	385,402	344,285
Stockholders' equity		
Capital stock	7,223,435	7,223,435
Retained earnings	584,701	459,342
Others	(350,053)	(125,932)
Total stockholders' equity	7,458,083	7,556,845
Total liabilities and stockholders' equity	\$7,843,485	\$7,901,130

Lin Yuan (Shanghai) Real Estate Co., Ltd. Condensed Statements of Comprehensive Income For the nine-month periods ended 30 September 2017 and 2016 (Expressed in thousands of New Taiwan Dollars, except earnings per share)

Items	2017.1.1~2017.9.30	2016.1.1~2016.9.30
Operating income	\$179,733	\$589,810
Operating expenses	(41,444)	(40,828)
Operating profit	138,289	548,982
Non-operating income and expenses	(3,872)	3,268
Profit from continuing operations before income tax	134,417	552,250
Income tax expense	(31,464)	(133,197)
Profit from continuing operations after income tax	102,953	419,053
Net income	102,953	419,053
Other comprehensive loss	(136,418)	(613,126)
Total comprehensive loss	\$(33,465)	\$(194,073)
Primary earnings per share	Note	Note

Note: Lin Yuan (Shanghai) Real Estate Co. Ltd. is a limited company; there is no information about earnings per share.

Cathay Woolgate Exchange Holding 1 Limited Condensed Balance Sheets As of 30 September 2017 and 30 September 2016 (Expressed in thousands of New Taiwan Dollars)

Items	2017.9.30	2016.9.30
Assets		
Current assets	\$2,008,091	\$1,650,033
Investment property	12,780,727	13,019,437
Total assets	\$14,788,818	\$14,669,470
Liabilities		
Current liabilities	\$71,417	\$33,024
Total liabilities	71,417	33,024
Stockholders' equity		
Capital stock	16,654,013	16,654,013
Retained earnings	1,626,998	1,574,658
Others	(3,563,610)	(3,592,225)
Total stockholders' equity	14,717,401	14,636,446
Total liabilities and stockholders' equity	\$14,788,818	\$14,669,470

Cathay Woolgate Exchange Holding 1 Limited Condensed Statements of Comprehensive Income For the nine-month periods ended 30 September 2017 and 2016 (Expressed in thousands of New Taiwan Dollars, except earnings per share)

Items	2017.1.1~2017.9.30	2016.1.1~2016.9.30
Operating income	\$323,208	\$1,071,993
Operating costs	-	-
Operating expenses	(551)	(779)
Operating profit	322,657	1,071,214
Non-operating income and expenses	2,010	3,421
Profit from continuing operations before income tax	324,667	1,074,635
Income tax (expense) profit	(117,001)	28,437
Profit from continuing operations after income tax	207,666	1,103,072
Net income	207,666	1,103,072
Other comprehensive loss	366,133	(2,961,874)
Total comprehensive income (loss)	\$573,799	\$(1,858,802)
Primary earnings per share	Note	Note

Note: Cathay Woolgate Exchange Holding 1 Limited is a limited company; there is no information about earnings per share.

Cathay Woolgate Exchange Holding 2 Limited Condensed Balance Sheets As of 30 September 2017 and 30 September 2016 (Expressed in thousands of New Taiwan Dollars)

Items	2017.9.30	2016.9.30
Assets		
Current assets	\$20,961	\$16,949
Investment property	129,098	131,510
Total assets	\$150,059	\$148,459
Liabilities		
Current liabilities	\$786	\$298
Total liabilities	786	298
Stockholders' equity		
Capital stock	168,222	168,222
Retained earnings	17,059	16,241
Others	(36,008)	(36,302)
Total stockholders' equity	149,273	148,161
Total liabilities and stockholders' equity	\$150,059	\$148,459

Cathay Woolgate Exchange Holding 2 Limited Condensed Statements of Comprehensive Income For the nine-month periods ended 30 September 2017 and 2016 (Expressed in thousands of New Taiwan Dollars, except earnings per share)

Items	2017.1.1~2017.9.30	2016.1.1~2016.9.30
Operating income	\$3,265	\$10,828
Operating expenses	(541)	(723)
Operating profit	2,724	10,105
Non-operating income and expenses	16	31
Profit from continuing operations before income tax	2,740	10,136
Income tax (expense) profit	(1,078)	482
profit from continuing operations after income tax	1,662	10,618
Net income	1,662	10,618
Other comprehensive income (loss)	3,722	(29,941)
Total comprehensive income (loss)	\$5,384	\$(19,323)
Primary earnings per share	Note	Note
rimary carmings per snare	Note	Note

Note: Cathay Woolgate Exchange Holding 2 Limited is a limited company; there is no information about earnings per share.

Cathay Walbrook Holding 1 Limited Condensed Balance Sheets As of 30 September 2017 and 30 September 2016 (Expressed in thousands of New Taiwan Dollars)

Items	2017.9.30	2016.9.30
Assets		_
Current assets	\$693,880	\$678,868
Investment property	22,248,637	22,109,153
Other non-current assets	<u> </u>	16,986
Total assets	\$22,942,517	\$22,805,007
Liabilities		
Current liabilities	\$135,295	\$71,274
Other non-current liabilities	13,314,483	13,311,828
Total liabilities	13,449,778	13,383,102
Stockholders' equity		
Capital stock	10,189,090	10,189,090
Retained earnings	831,371	802,572
Others	(1,527,722)	(1,569,757)
Total stockholders' equity	9,492,739	9,421,905
Total liabilities and stockholders' equity	\$22,942,517	\$22,805,007

Cathay Walbrook Holding 1 Limited Condensed Statements of Comprehensive Income For the nine-month periods ended 30 September 2017 and 2016 (Expressed in thousands of New Taiwan Dollars, except earnings per share)

Items	2017.1.1~2017.9.30	2016.1.1~2016.9.30
Operating income	\$387,420	\$1,538,131
Operating cost	(311,463)	(392,296)
Operating expenses	(6,354)	(723)
Operating profit	69,603	1,145,112
Non-operating income and expenses	61	
Profit from continuing operations before income tax	69,664	1,145,112
Income tax expense		(20,649)
Profit from continuing operations after income tax	69,664	1,124,463
Net income	69,664	1,124,463
Other comprehensive income (loss)	238,208	(1,862,026)
Total comprehensive income (loss)	\$307,872	\$(737,563)
Primary earnings per share	Note	Note

Note: Cathay Walbrook Holding 1 Limited is a limited company; there is no information about earnings per share.

Cathay Walbrook Holding 2 Limited Condensed Balance Sheets As of 30 September 2017 and 30 September 2016 (Expressed in thousands of New Taiwan Dollars)

Items	2017.9.30	2016.9.30
Assets		
Current assets	\$34,691	\$34,784
Investment property	1,170,981	1,163,640
Other non-current assets	<u> </u>	894
Total assets	\$1,205,672	\$1,199,318
Liabilities		
Current liabilities	\$7,235	\$3,944
Other non-current liabilities	700,762	700,623
Total liabilities	707,997	704,567
Stockholders' equity		
Capital stock	536,268	536,268
Retained earnings	41,642	40,925
Others	(80,235)	(82,442)
Total stockholders' equity	497,675	494,751
Total liabilities and stockholders' equity	\$1,205,672	\$1,199,318

Cathay Walbrook Holding 2 Limited Condensed Statements of Comprehensive Income For the nine-month periods ended 30 September 2017 and 2016 (Expressed in thousands of New Taiwan Dollars, except earnings per share)

Items	2017.1.1~2017.9.30	2016.1.1~2016.9.30
Operating income	\$20,390	\$80,954
Operating cost	(16,393)	(20,647)
Operating expenses	(696)	(723)
Operating profit	3,301	59,584
Profit from continuing operations before income tax	3,301	59,584
Income tax expense		(1,087)
Profit from continuing operations after income tax	3,301	58,497
Net income	3,301	58,497
Other comprehensive income (loss)	12,483	(97,822)
Total comprehensive income (loss)	\$15,784	\$(39,325)
Primary earnings per share	Note	Note

Note: Cathay Walbrook Holding 2 Limited is a limited company; there is no information about earnings per share.

Conning Holdings Limited Condensed Balance Sheets As of 30 September 2017 and 30 September 2016 (Expressed in thousands of New Taiwan Dollars)

Items	2017.9.30	2016.9.30
Assets		
Current assets	\$4,149,520	\$4,194,787
Financial assets at fair value through profit or loss	248,190	-
Investment in debt securities with no active market	3,052	3,159
Held-to-maturity financial assets	4,567,626	431,566
Property and equipment	228,592	172,823
Intangible assets	10,866,549	11,271,012
Deferred tax assets	112,354	105,413
Other non-current assets	190,836	173,437
Total assets	\$20,366,719	\$16,352,197
Liabilities		
Current liabilities	\$5,239,016	\$1,130,503
Liability reserve	375,782	247,791
Deferred tax liabilities	637,838	697,121
Other non-current liabilities	315,355	322,183
Total liabilities	6,567,991	2,397,598
Stockholders' equity		
Capital stock	91,191	91,191
Capital surplus	14,415,868	14,415,868
Retained earnings	(71,054)	(86,148)
Others	(1,238,518)	(778,970)
Non-controlling interest	601,241	312,658
Total stockholders' equity	13,798,728	13,954,599
Total liabilities and stockholders' equity	\$20,366,719	\$16,352,197

Conning Holdings Limited Condensed Statements of Comprehensive Income For the nine-month periods ended 30 September 2017 and 2016 (Expressed in thousands of New Taiwan Dollars, except earnings per share)

Items	2017.1.1~2017.9.30	2016.1.1~2016.9.30
Operating income	\$4,312,718	\$4,175,782
Operating costs	(545,775)	(550,690)
Operating expenses	(3,600,797)	(3,505,492)
Operating profit	166,146	119,600
Profit from continuing operations before income tax	166,146	119,600
Income tax expense	(112,454)	(57,146)
profit from continuing operations after income tax	53,692	62,454
Net income	53,692	62,454
Other comprehensive loss	(841,526)	(1,023,984)
Total comprehensive loss	\$(787,834)	\$(961,530)
Primary earnings per share	Note	Note

Note: Conning Holdings Limited is a limited company; there is no information about earnings per share.

Cathay Century Insurance Co., Ltd. Condensed Balance Sheets As of 30 September 2017 and 30 September 2016 (Expressed in thousands of New Taiwan Dollars)

Receivables 2,052,086 1,992,449 Financial asset at fair value through profit or loss 37,555 1,611,784 Available-for-sale financial assets 10,139,886 8,014,905 Investments accounted for using the equity method 1,775,974 1,991,888 Investment in debt securities with no active market 2,012,791 2,983,870 Held-to-maturity financial assets 6,214,584 4,465,882 Loans 255,840 356,695 Reinsurance contract assets 6,592,661 8,285,891 Property and equipment 56,865 90,630 Intangible assets 32,156 24,338 Deferred tax assets 151,042 168,276 Other assets 702,968 653,852 Total assets \$37,518,901 \$37,953,601 Liabilities \$2,159,997 \$2,419,918 Financial liability at fair value through profit or loss 23,896 4,741 Preferred stock liability 1,000,000 1,000,000 Insurance liabilities 23,079,009 24,056,252 Liability reserve 380,025<	Items	2017.9.30	2016.9.30
Receivables 2,052,086 1,992,449 Financial asset at fair value through profit or loss 37,555 1,611,784 Available-for-sale financial assets 10,139,886 8,014,905 Investments accounted for using the equity method 1,775,974 1,991,888 Investment in debt securities with no active market 2,012,791 2,983,870 Held-to-maturity financial assets 6,214,584 4,465,882 Loans 255,840 356,695 Reinsurance contract assets 6,592,661 8,285,891 Property and equipment 56,865 90,630 Intangible assets 32,156 24,338 Deferred tax assets 151,042 168,276 Other assets 702,968 653,852 Total assets \$2,159,997 \$2,419,918 Financial liability at fair value through profit or loss 23,896 4,741 Preferred stock liability 1,000,000 1,000,000 Insurance liabilities 23,079,009 24,056,252 Liability reserve 380,025 381,577 Deferred tax liabilities 236	Assets		
Financial asset at fair value through profit or loss 37,555 1,611,784 Available-for-sale financial assets 10,139,886 8,014,905 Investments accounted for using the equity method 1,775,974 1,991,888 Investment in debt securities with no active market 2,012,791 2,983,870 Held-to-maturity financial assets 6,214,584 4,465,882 Loans 255,840 356,695 Reinsurance contract assets 6,592,661 8,285,891 Property and equipment 56,865 90,630 Intangible assets 32,156 24,338 Deferred tax assets 151,042 168,276 Other assets 702,968 653,852 Total assets \$37,518,901 \$37,953,601 Liabilities \$23,896 4,741 Preferred stock liability at fair value through profit or loss 23,896 4,741 Preferred stock liabilities 23,079,009 24,056,252 Liability reserve 380,025 381,577 Deferred tax liabilities 236,408 294,228 Other liabilities 604,546 656,557	Cash and cash equivalents	\$7,494,493	\$7,313,141
Available-for-sale financial assets 10,139,886 8,014,905 Investments accounted for using the equity method 1,775,974 1,991,888 Investment in debt securities with no active market 2,012,791 2,983,870 Held-to-maturity financial assets 6,214,584 4,465,882 Loans 255,840 356,695 Reinsurance contract assets 6,592,661 8,285,891 Property and equipment 56,865 90,630 Intangible assets 32,156 24,338 Deferred tax assets 151,042 168,276 Other assets 702,968 653,852 Total assets \$37,518,901 \$37,953,601 Liabilities \$2,159,997 \$2,419,918 Financial liability at fair value through profit or loss 23,896 4,741 Preferred stock liability 1,000,000 1,000,000 Insurance liabilities 23,079,009 24,056,252 Liability reserve 380,025 381,577 Deferred tax liabilities 236,408 294,228 Other liabilities 604,546 656,557	Receivables	2,052,086	1,992,449
Investments accounted for using the equity method 1,775,974 1,991,888 Investment in debt securities with no active market 2,012,791 2,983,870 Held-to-maturity financial assets 6,214,584 4,465,882 Loans 255,840 356,695 Reinsurance contract assets 6,592,661 8,285,891 Property and equipment 56,865 90,630 Intangible assets 32,156 24,338 Deferred tax assets 151,042 168,276 Other assets 702,968 653,852 Total assets \$2,159,997 \$2,419,918 Financial liability at fair value through profit or loss 23,896 4,741 Preferred stock liability 1,000,000 1,000,000 Insurance liabilities 23,079,009 24,056,252 Liability reserve 380,025 381,577 Deferred tax liabilities 236,408 294,228 Other liabilities 604,546 656,557	Financial asset at fair value through profit or loss	37,555	1,611,784
Investment in debt securities with no active market 2,012,791 2,983,870 Held-to-maturity financial assets 6,214,584 4,465,882 Loans 255,840 356,695 Reinsurance contract assets 6,592,661 8,285,891 Property and equipment 56,865 90,630 Intangible assets 32,156 24,338 Deferred tax assets 151,042 168,276 Other assets 702,968 653,852 Total assets \$37,518,901 \$37,953,601 Liabilities \$2,159,997 \$2,419,918 Payables \$2,159,997 \$2,419,918 Financial liability at fair value through profit or loss 23,896 4,741 Preferred stock liability 1,000,000 1,000,000 Insurance liabilities 23,079,009 24,056,252 Liability reserve 380,025 381,577 Deferred tax liabilities 236,408 294,228 Other liabilities 604,546 656,557	Available-for-sale financial assets	10,139,886	8,014,905
Held-to-maturity financial assets 6,214,584 4,465,882 Loans 255,840 356,695 Reinsurance contract assets 6,592,661 8,285,891 Property and equipment 56,865 90,630 Intangible assets 32,156 24,338 Deferred tax assets 151,042 168,276 Other assets 702,968 653,852 Total assets \$37,518,901 \$37,953,601 Liabilities \$2,159,997 \$2,419,918 Financial liability at fair value through profit or loss 23,896 4,741 Preferred stock liability 1,000,000 1,000,000 Insurance liabilities 23,079,009 24,056,252 Liability reserve 380,025 381,577 Deferred tax liabilities 236,408 294,228 Other liabilities 604,546 656,557	Investments accounted for using the equity method	1,775,974	1,991,888
Loans 255,840 356,695 Reinsurance contract assets 6,592,661 8,285,891 Property and equipment 56,865 90,630 Intangible assets 32,156 24,338 Deferred tax assets 151,042 168,276 Other assets 702,968 653,852 Total assets \$37,518,901 \$37,953,601 Liabilities \$2,159,997 \$2,419,918 Financial liability at fair value through profit or loss 23,896 4,741 Preferred stock liability 1,000,000 1,000,000 Insurance liabilities 23,079,009 24,056,252 Liability reserve 380,025 381,577 Deferred tax liabilities 236,408 294,228 Other liabilities 604,546 656,557	Investment in debt securities with no active market	2,012,791	2,983,870
Reinsurance contract assets 6,592,661 8,285,891 Property and equipment 56,865 90,630 Intangible assets 32,156 24,338 Deferred tax assets 151,042 168,276 Other assets 702,968 653,852 Total assets \$37,518,901 \$37,953,601 Liabilities \$2,159,997 \$2,419,918 Financial liability at fair value through profit or loss 23,896 4,741 Preferred stock liability 1,000,000 1,000,000 Insurance liabilities 23,079,009 24,056,252 Liability reserve 380,025 381,577 Deferred tax liabilities 236,408 294,228 Other liabilities 604,546 656,557	Held-to-maturity financial assets	6,214,584	4,465,882
Property and equipment 56,865 90,630 Intangible assets 32,156 24,338 Deferred tax assets 151,042 168,276 Other assets 702,968 653,852 Total assets \$37,518,901 \$37,953,601 Liabilities Payables \$2,159,997 \$2,419,918 Financial liability at fair value through profit or loss 23,896 4,741 Preferred stock liability 1,000,000 1,000,000 Insurance liabilities 23,079,009 24,056,252 Liability reserve 380,025 381,577 Deferred tax liabilities 236,408 294,228 Other liabilities 604,546 656,557	Loans	255,840	356,695
Intangible assets 32,156 24,338 Deferred tax assets 151,042 168,276 Other assets 702,968 653,852 Total assets \$37,518,901 \$37,953,601 Liabilities Payables \$2,159,997 \$2,419,918 Financial liability at fair value through profit or loss 23,896 4,741 Preferred stock liability 1,000,000 1,000,000 Insurance liabilities 23,079,009 24,056,252 Liability reserve 380,025 381,577 Deferred tax liabilities 236,408 294,228 Other liabilities 604,546 656,557	Reinsurance contract assets	6,592,661	8,285,891
Deferred tax assets 151,042 168,276 Other assets 702,968 653,852 Total assets \$37,518,901 \$37,953,601 Liabilities \$2,159,997 \$2,419,918 Financial liability at fair value through profit or loss 23,896 4,741 Preferred stock liability 1,000,000 1,000,000 Insurance liabilities 23,079,009 24,056,252 Liability reserve 380,025 381,577 Deferred tax liabilities 236,408 294,228 Other liabilities 604,546 656,557	Property and equipment	56,865	90,630
Other assets 702,968 653,852 Total assets \$37,518,901 \$37,953,601 Liabilities \$2,159,997 \$2,419,918 Payables \$23,896 4,741 Preferred stock liability 1,000,000 1,000,000 Insurance liabilities 23,079,009 24,056,252 Liability reserve 380,025 381,577 Deferred tax liabilities 236,408 294,228 Other liabilities 604,546 656,557	Intangible assets	32,156	24,338
Total assets \$37,518,901 \$37,953,601 Liabilities \$2,159,997 \$2,419,918 Payables \$2,159,997 \$2,419,918 Financial liability at fair value through profit or loss 23,896 4,741 Preferred stock liability 1,000,000 1,000,000 Insurance liabilities 23,079,009 24,056,252 Liability reserve 380,025 381,577 Deferred tax liabilities 236,408 294,228 Other liabilities 604,546 656,557	Deferred tax assets	151,042	168,276
Liabilities \$2,159,997 \$2,419,918 Financial liability at fair value through profit or loss 23,896 4,741 Preferred stock liability 1,000,000 1,000,000 Insurance liabilities 23,079,009 24,056,252 Liability reserve 380,025 381,577 Deferred tax liabilities 236,408 294,228 Other liabilities 604,546 656,557	Other assets	702,968	653,852
Payables \$2,159,997 \$2,419,918 Financial liability at fair value through profit or loss 23,896 4,741 Preferred stock liability 1,000,000 1,000,000 Insurance liabilities 23,079,009 24,056,252 Liability reserve 380,025 381,577 Deferred tax liabilities 236,408 294,228 Other liabilities 604,546 656,557	Total assets	\$37,518,901	\$37,953,601
Financial liability at fair value through profit or loss 23,896 4,741 Preferred stock liability 1,000,000 1,000,000 Insurance liabilities 23,079,009 24,056,252 Liability reserve 380,025 381,577 Deferred tax liabilities 236,408 294,228 Other liabilities 604,546 656,557	Liabilities		
Financial liability at fair value through profit or loss 23,896 4,741 Preferred stock liability 1,000,000 1,000,000 Insurance liabilities 23,079,009 24,056,252 Liability reserve 380,025 381,577 Deferred tax liabilities 236,408 294,228 Other liabilities 604,546 656,557		\$2,159,997	\$2,419,918
Preferred stock liability 1,000,000 1,000,000 Insurance liabilities 23,079,009 24,056,252 Liability reserve 380,025 381,577 Deferred tax liabilities 236,408 294,228 Other liabilities 604,546 656,557		· · · · · · · · · · · · · · · · · · ·	
Insurance liabilities 23,079,009 24,056,252 Liability reserve 380,025 381,577 Deferred tax liabilities 236,408 294,228 Other liabilities 604,546 656,557		1,000,000	
Liability reserve 380,025 381,577 Deferred tax liabilities 236,408 294,228 Other liabilities 604,546 656,557		23,079,009	
Deferred tax liabilities 236,408 294,228 Other liabilities 604,546 656,557	Liability reserve		
Other liabilities 656,557	•	236,408	· · · · · · · · · · · · · · · · · · ·
	Other liabilities	The state of the s	· · · · · · · · · · · · · · · · · · ·
27,403,001 20,015,275	Total liabilities	27,483,881	28,813,273
Stockholders' equity	Stockholders' equity		
* *		3.057.052	2,889,552
Capital surplus 502,500 -			2,000,002
			6,681,164
		· · · · · · · · · · · · · · · · · · ·	(430,388)
			9,140,328
Total liabilities and stockholders' equity \$37,518,901 \$37,953,601			, , , , , , , , , , , , , , , , , , ,

Cathay Century Insurance Co., Ltd. Condensed Statements of Comprehensive Income For the nine-month periods ended 30 September 2017 and 2016 (Expressed in thousands of New Taiwan Dollars, except earnings per share)

Items	2017.1.1~2017.9.30	2016.1.1~2016.9.30
Operating income	\$13,194,393	\$13,553,339
Operating costs	(8,908,953)	(8,364,441)
Operating expenses	(2,552,004)	(2,435,559)
Operating profit	1,733,436	2,753,339
Non-operating income and expenses	(15,037)	(13,421)
Profit from continuing operations before income tax	1,718,399	2,739,918
Income tax expense	(216,111)	(437,939)
Profit from continuing operations after income tax	1,502,288	2,301,979
Net income	1,502,288	2,301,979
Other comprehensive income (loss)	97,787	(55,366)
Total comprehensive income	\$1,600,075	\$2,246,613
Primary earnings per share	\$5.18	\$7.97

Cathay Insurance Co., Ltd (Vietnam) Condensed Balance Sheets As of 30 September 2017 and 30 September 2016 (Expressed in thousands of New Taiwan Dollars)

Items	2017.9.30	2016.9.30
Assets		
Cash and cash equivalents	\$126,349	\$163,198
Receivables	80,149	29,784
Investment in debt securities with no active market	7,183	52,022
Held-to-maturity financial assets	499,183	426,644
Reinsurance contract assets	215,797	268,620
Property and equipment	6,085	531
Intangible assets	583	339
Other assets	36,200	33,540
Total assets	\$971,529	\$974,678
Liabilities		
Payables	\$68,776	\$32,518
Insurance liabilities	301,164	336,999
Deferred tax liabilities	111	44
Other liabilities	9,535	5,134
Total liabilities	379,586	374,695
Stockholders' equity		
Capital stock	845,585	845,585
Retained earnings	(123,209)	(146,969)
Others	(130,433)	(98,633)
Total stockholders' equity	591,943	599,983
Total liabilities and stockholders' equity	\$971,529	\$974,678

Cathay Insurance Co., Ltd (Vietnam) Condensed Statements of Comprehensive Income For the nine-month periods ended 30 September 2017 and 2016 (Expressed in thousands of New Taiwan Dollars, except earnings per share)

Items	2017.1.1~2017.9.30	2016.1.1~2016.9.30
Operating income	\$152,545	\$129,667
Operating costs	(49,349)	(41,771)
Operating expenses	(88,680)	(81,022)
Operating profit	14,516	6,874
Non-operating income and expenses	1,457	102
Profit from continuing operations before income tax	15,973	6,976
Income tax expense	-	-
Profit from continuing operations after income tax	15,973	6,976
Net income	15,973	6,976
Other comprehensive (loss) income	(36,702)	91
Total comprehensive (loss) income	\$(20,729)	\$7,067
Primary earnings per share	Note	Note

Note: Cathay Century (Vietnam) is a limited company; there is no information about earnings per share.

Cathay United Bank Co., Ltd. Condensed Balance Sheets As of 30 September 2017 and 30 September 2016 (Expressed in thousands of New Taiwan Dollars)

Items	2017.9.30	2016.9.30
Assets		
Cash and cash equivalents	\$67,429,420	\$59,352,158
Due from the Central Bank and call loans to banks	78,911,599	95,603,138
Financial assets at fair value through profit or loss	316,027,912	246,789,721
Securities purchased under agreements to resell	64,384,581	42,845,973
Receivables	84,207,198	69,944,670
Discounts and loans	1,445,170,769	1,274,458,806
Available-for-sale financial assets	137,369,073	145,725,225
Held-to-maturity financial assets	33,775,610	41,390,433
Investments accounted for using the equity method	9,218,480	7,827,890
Other financial assets	3,005	5,845
Investment in debt securities with no active market	360,914,563	414,745,066
Property and equipment	24,322,801	24,125,459
Investment property	1,515,170	1,613,159
Intangible assets	7,421,897	7,353,873
Deferred tax assets	1,760,228	2,090,242
Other assets	25,799,521	25,804,044
Total assets	\$2,658,231,827	\$2,459,675,702
Liabilities		
Due to the Central Bank and call loans from banks	\$85,907,252	\$50,265,328
Financial liabilities at fair value through profit or loss	80,261,248	81,940,481
Securities sold under agreements to repurchase	98,836,774	46,305,533
Payables	32,708,451	22,176,408
Current income tax liabilities	24,234	175,550
Deposits and remittances	2,045,891,144	1,973,586,561
Financial debentures payable	63,350,000	51,900,000
Other financial liabilities	61,916,628	60,233,573
Liability reserve	2,964,498	3,038,736
Deferred tax liabilities	1,837,408	2,527,259
Other liabilities	8,088,995	12,011,730
Total liabilities	2,481,786,632	2,304,161,159
Stockholders' equity		
Capital stock	78,604,060	72,099,815
Capital Increase	70,001,000	72,077,613
Capital surplus	33,610,983	23,969,412
Retained earnings	64,494,664	56,428,686
Others	(264,512)	3,016,630
Total stockholders' equity	176,445,195	155,514,543
Total liabilities and stockholders' equity	\$2,658,231,827	\$2,459,675,702
and orothiologic equity	ΨΔ,030,231,021	ΨΔ, τ37,013,102

Cathay United Bank Co., Ltd. Condensed Statements of Comprehensive Income For the nine-month periods ended 30 September 2017 and 2016 (Expressed in thousands of New Taiwan Dollars, except earnings per share)

Items	2017.1.1~2017.9.30	2016.1.1~2016.9.30
Interest income	\$31,554,960	\$27,879,837
Interest expenses	(11,011,763)	(10,221,132)
Operating profit	20,543,197	17,658,705
Non-interest income	19,705,226	19,813,266
Total income	40,248,423	37,471,971
Bad debt expense and reserve for loss on guarantees	(1,404,324)	(2,975,792)
Operating expenses	(19,913,199)	(19,025,545)
Profit from continuing operations before income tax	18,930,900	15,470,634
Income tax expense	(2,237,200)	(1,594,000)
Profit from continuing operations after income tax	16,693,700	13,876,634
Net income	16,693,700	13,876,634
Other comprehensive loss	(522,312)	(948,045)
Total comprehensive income	\$16,171,388	\$12,928,589
Primary earnings per share	\$2.21	\$1.89

Indovina Bank Limited Condensed Balance Sheets As of 30 September 2017 and 30 September 2016 (Expressed in thousands of New Taiwan Dollars)

Items	2017.9.30	2016.9.30
Assets		
Cash and cash equivalents	\$6,038,634	\$6,435,649
Due from the Central Bank and call loans to banks	3,383,648	7,194,016
Financial assets at fair value through profit or loss	2,115,146	862,008
Securities purchased under agreements to resell	1,209,318	818,242
Available-for-sale financial assets	6,833,238	7,685,778
Receivables	243,882	1,826,558
Discounts and loans	27,589,463	24,911,874
Held-to-maturity financial assets	3,456,480	3,269,473
Property and equipment	381,711	437,153
Intangible assets	15,632	18,046
Deferred tax assets	-	-
Other assets	565,604	580,127
Total assets	\$51,832,756	\$54,038,924
Liabilities		
Due to the Central Bank and call loans from banks	\$8,554,854	\$15,578,411
Financial liabilities at fair value through profit or loss	69,495	98,623
Payables	830,780	359,393
Current income tax liabilities	2,009	78,170
Deposits and remittances	34,019,666	30,154,629
Deferred tax liabilities	133,048	70,427
Other liabilities	88,766	169,782
Total liabilities	43,698,618	46,509,435
Stockholders' equity		
Capital stock	6,094,911	6 004 011
Retained earnings	2,141,687	6,094,911
Others	(102,460)	1,355,800
Total stockholders' equity		78,778
Total liabilities and stockholders' equity	8,134,138 \$51,822,756	7,529,489
Total haomities and stockholders equity	\$51,832,756	\$54,038,924

Indovina Bank Limited Condensed Statements of Comprehensive Income For the nine-month periods ended 30 September 2017 and 2016 (Expressed in thousands of New Taiwan Dollars, except earnings per share)

Items	2017.1.1~2017.9.30	2016.1.1~2016.9.30
Interest income	\$2,285,336	\$1,851,169
Interest expenses	(1,040,019)	(829,798)
Net interest income	1,245,317	1,021,371
Non-interest income	518,935	68,925
Total income	1,764,252	1,090,296
Bad debt expense and reserve for loss on guarantees	(392,679)	(123,654)
Operating expenses	(504,380)	(389,952)
Profit from continuing operations before income tax	867,193	576,690
Income tax expense	(219,711)	(115,977)
Profit from continuing operations after income tax	647,482	460,713
Net income	647,482	460,713
Other comprehensive loss	(267,657)	(258,969)
Total comprehensive income	\$379,825	\$201,744
Primary earnings per share	Note	Note

Note: Indovina Bank is a limited company; there is no information about earnings per share.

Cathay United Bank (Cambodia) Corporation Limited Condensed Balance Sheets As of 30 September 2017 and 30 September 2016 (Expressed in thousands of New Taiwan Dollars)

Items	2017.9.30	2016.9.30
Assets		
Cash and cash equivalents	\$3,117,148	\$919,810
Due from the Central Bank and call loans to banks	1,687,989	1,333,835
Available-for-sale financial assets	775	803
Receivables	153,179	104,622
Discounts and loans	5,602,630	6,069,174
Property and equipment	158,182	160,980
Intangible assets	60,989	36,787
Other assets	54,386	121,995
Total assets	\$10,835,278	\$8,748,006
Liabilities		
Due to the Central Bank and call loans from banks	\$151,525	\$784,150
Payables	130,383	69,511
Current income tax liabilities	21,926	-
Deposits and remittances	7,452,040	5,956,566
Deferred tax liabilities	10,334	9,203
Other liabilities	33,170	45,381
Total liabilities	7,799,378	6,864,811
Stockholders' equity		
Capital stock	3,020,769	1,786,169
Retained earnings	20,780	19,788
Others	(5,649)	77,238
Total stockholders' equity	3,035,900	1,883,195
Total liabilities and stockholders' equity	\$10,835,278	\$8,748,006

Cathay United Bank (Cambodia) Corporation Limited Condensed Statements of Comprehensive Income For the nine-month periods ended 30 September 2017 and 2016 (Expressed in thousands of New Taiwan Dollars, except earnings per share)

Items	2017.1.1~2017.9.30	2016.1.1~2016.9.30
Interest income	\$406,558	\$379,892
Interest expenses	(102,359)	(87,419)
Net interest income	304,199	292,473
Non-interest income	64,095	78,090
Total income	368,294	370,563
Bad debt expense and reserve for loss on guarantees	(81,510)	(60,624)
Operating expenses	(183,685)	(180,619)
Profit from continuing operations before income tax	103,099	129,320
Income tax expense	(26,150)	(5,004)
Profit from continuing operations after income tax	76,949	124,316
Net profit	76,949	124,316
Other comprehensive loss	(136,915)	(98,736)
Total comprehensive (loss) income	\$(59,966)	\$25,580
Primary earnings per share	\$0.93	\$2.06

Cathay Securities Corporation Condensed Balance Sheets As of 30 September 2017 and 30 September 2016 (Expressed in thousands of New Taiwan Dollars)

Items	2017.9.30	2016.9.30
Assets		
Current assets	\$23,836,355	\$19,173,946
Available-for-sale financial assets	18	18
Investments accounted for using the equity method	1,555,049	1,582,838
Property and equipment	159,847	151,525
Intangible assets	46,576	48,633
Deferred tax assets	6,854	7,556
Other non-current assets	552,948	440,239
Total assets	\$26,157,647	\$21,404,755
Liabilities		
Current liabilities	\$18,989,609	\$14,331,415
Deferred tax liabilities	28,491	12,727
Other non-current liabilities	20,068	23,683
Total liabilities	19,038,168	14,367,825
Stockholders' equity		
Capital stock	5,510,000	5,330,000
Stock dividends to be distributed	- -	-
Capital surplus	491,766	491,766
Retained earnings	882,773	926,803
Others	234,940	288,361
Total stockholders' equity	7,119,479	7,036,930
Total liabilities and stockholders' equity	\$26,157,647	\$21,404,755

Cathay Securities Corporation Condensed Statements of Comprehensive Income For the nine-month periods ended 30 September 2017 and 2016 (Expressed in thousands of New Taiwan Dollars, except earnings per share)

Items	2017.1.1~2017.9.30	2016.1.1~2016.9.30
Revenues	\$2,046,196	\$1,660,667
Service fee expenses	(71,106)	(57,220)
Employee benefit expenses	(722,271)	(627,421)
Share of the profit of associates and joint ventures		
accounted for using the equity method	(3,782)	(4,065)
Operating expenses	(1,066,182)	(666,225)
Non-operating income and expenses	14,991	12,722
Profit from continuing operations before income tax	197,846	318,458
Income tax expense	(50,062)	(49,079)
Profit from continuing operations after income tax	147,784	269,379
Net income	147,784	269,379
Other comprehensive loss	(6,991)	(71,191)
Total comprehensive income	\$140,793	\$198,188
Primary earnings per share	\$0.27	\$0.49

Cathay Securities (Hong Kong) Limited Condensed Balance Sheets As of 30 September 2017 and 30 September 2016 (Expressed in thousands of New Taiwan Dollars)

Items	2017.9.30	2016.9.30
Assets		_
Current assets	\$964,124	\$782,024
Property and equipment	17,514	19,776
Intangible assets	1,913	2,013
Other non-current assets	90,800	18,974
Total assets	\$1,074,351	\$822,787
Liabilities		
Current liabilities	\$694,584	\$387,150
Total liabilities	694,584	387,150
Stockholders' equity		
Capital stock	728,544	728,544
Retained earnings	(298,969)	(263,575)
Others	(49,808)	(29,332)
Total stockholders' equity	379,767	435,637
Total liabilities and stockholders' equity	\$1,074,351	\$822,787

Cathay Securities (Hong Kong) Limited Condensed Statements of Comprehensive Income For the nine-month periods ended 30 September 2017 and 2016 (Expressed in thousands of New Taiwan Dollars, except earnings per share)

Items	2017.1.1~2017.9.30	2016.1.1~2016.9.30
Revenues	\$71,676	\$70,527
Service fee expenses	(26,782)	(2,014)
Employee benefit expenses	(28,610)	(24,775)
Operating expenses	(42,818)	(65,023)
Non-operating income and expenses	1,065	(410)
Loss from continuing operations before income tax	(25,469)	(21,695)
Income tax expense		
Loss from continuing operations after income tax	(25,469)	(21,695)
Net loss	(25,469)	(21,695)
Other comprehensive loss	(29,495)	(29,323)
Total comprehensive loss	\$(54,964)	\$(51,018)
Primary earnings per share	Note	Note

Note1: Cathay Securities (Hong Kong) Limited is a limited company; there is no information about earnings per share.

Note 2: Cathay Securities (Hong Kong) Limited was incorporated to the consolidated financial statements on 4 September 2015.

Cathay Venture Inc. Condensed Balance Sheets As of 30 September 2017 and 30 September 2016 (Expressed in thousands of New Taiwan Dollars)

Items	2017.9.30	2016.9.30
Assets		_
Current assets	\$830,014	\$759,506
Available-for-sale financial assets	2,559,333	2,813,977
Investments accounted for using the equity method	293,156	293,116
Property and equipment	3,229	158
Deferred tax assets	1,614	1,575
Other non-current assets	1,126	1,963
Total assets	\$3,688,472	\$3,870,295
Liabilities		
Current liabilities	\$48,977	\$6,480
Deferred tax liabilities	2,749	5,385
Other non-current liabilities	5,122	5,154
Total liabilities	56,848	17,019
Stockholders' equity		
Capital stock	3,173,235	3,000,000
Capital surplus	128,625	128,625
Retained earnings	365,693	245,587
Others	(35,929)	479,064
Total stockholders' equity	3,631,624	3,853,276
Total liabilities and stockholders' equity	\$3,688,472	\$3,870,295

Cathay Venture Inc.

Condensed Statements of Comprehensive Income For the nine-month periods ended 30 September 2017 and 2016 (Expressed in thousands of New Taiwan Dollars, except earnings per share)

Items	2017.1.1~2017.9.30	2016.1.1~2016.9.30
Operating income	\$291,379	\$170,762
Operating costs	(23,933)	(21,916)
Operating expenses	(14,231)	(12,868)
Non-operating income and expenses	(885)	(1,557)
Profit from continuing operations before income tax	252,330	134,421
Income tax expense	(17,941)	(889)
Profit from continuing operations after income tax	234,389	133,532
Net income	234,389	133,532
Other comprehensive (loss) income	(331,572)	238,545
Total comprehensive (loss) income	\$(97,183)	\$372,077
Primary earnings per share	\$0.74	\$0.49

Cathay Securities Investment Trust Co., Ltd. Condensed Balance Sheets As of 30 September 2017 and 30 September 2016 (Expressed in thousands of New Taiwan Dollars)

Items	2017.9.30	2016.9.30
Assets		
Current assets	\$1,768,538	\$1,791,200
Available-for-sale financial assets	13,462	90,757
Financial assets carried at cost	13,986	5,745
Investments accounted for using the equity method	494,046	277,326
Property and equipment	53,631	71,149
Intangible assets	6,206	8,240
Deferred tax assets	16,312	15,116
Other non-current assets	287,855	254,093
Total assets	\$2,654,036	\$2,513,626
Liabilities		
Current liabilities	\$307,260	\$281,477
Other non-current liabilities	128,843	152,260
Total liabilities	436,103	433,737
Stockholders' equity		
Capital stock	1,500,000	1,500,000
Capital surplus	13,908	13,908
Retained earnings	733,993	589,135
Others	(29,968)	(23,154)
Total stockholders' equity	2,217,933	2,079,889
Total liabilities and stockholders' equity	\$2,654,036	\$2,513,626

Cathay Securities Investment Trust Co., Ltd. Condensed Statements of Comprehensive Income For the nine-month periods ended 30 September 2017 and 2016 (Expressed in thousands of New Taiwan Dollars, except earnings per share)

Items	2017.1.1~2017.9.30	2016.1.1~2016.9.30
Operating income	\$1,252,869	\$1,108,798
Operating expenses	(876,169)	(825,471)
Operating gross profit	376,700	283,327
Non-operating income and expenses	6,466	(7,641)
Profit from continuing operations before income tax	383,166	275,686
Income tax expense	(64,873)	(45,142)
Profit from continuing operations after income tax	318,293	230,544
Net income	318,293	230,544
Other comprehensive loss	(2,633)	(21,680)
Total comprehensive income	\$315,660	\$208,864
Primary earnings per share	\$2.12	\$1.54

Cathay Futures Co., Ltd. Condensed Balance Sheets As of 30 September 2017 and 30 September 2016 (Expressed in thousands of New Taiwan Dollars)

Items	2017.9.30	2016.9.30
Assets		_
Current assets	\$5,740,822	\$4,639,525
Available-for-sale financial asseets	318,767	297,396
Property and equipment	71,012	66,620
Investment property	290,341	286,253
Intangible assets	28,586	17,061
Other non-current assets	154,070	160,600
Total assets	\$6,603,598	\$5,467,455
Liabilities		
Current liabilities	\$5,437,857	\$4,338,201
Deferred tax liabilities	6,869	6,788
Other non-current liabilities	1,675	1,455
Total liabilities	5,446,401	4,346,444
Stockholders' equity		
Capital stock	667,000	667,000
Retained earnings	201,800	186,685
Others	288,397	267,326
Total stockholders' equity	1,157,197	1,121,011
Total liabilities and stockholders' equity	\$6,603,598	\$5,467,455

Cathay Futures Co., Ltd. Condensed Statements of Comprehensive Income For the nine-month periods ended 30 September 2017 and 2016 (Expressed in thousands of New Taiwan Dollars, except earnings per share)

Items	2017.1.1~2017.9.30	2016.1.1~2016.9.30
Operating income	\$173,115	\$161,575
Operating expenses	(188,133)	(180,841)
Operating loss	(15,018)	(19,266)
Non-operating income and expenses	42,560	46,120
Profit from continuing operations before income tax	27,542	26,854
Income tax profit (expense)	217	(2,566)
Profit from continuing operations after income tax	27,759	24,288
Net income	27,759	24,288
Other comprehensive income	13,251	19,309
Total comprehensive income	\$41,010	\$43,597
Primary earnings per share	\$0.42	\$0.36