

## 星展銀行(香港)有限公司 DBS BANK (HONG KONG) LIMITED

(Incorporated in Hong Kong with limited liability)

# GROUP INTERIM FINANCIAL DISCLOSURE STATEMENTS FOR THE SIX MONTHS ENDED 30 JUNE 2017

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#### **REVIEW OF ACTIVITIES**

The Bank's profit attributable to shareholders for the period amounted to HK\$1,848 million, 58% higher than the same period in 2016 mainly resulting from lower credit allowances. Profit before allowances for credit and other losses grew 8% compared to the same period in 2016.

Total income grew 5% to HK\$4,506 million with higher net interest income and net fee and commission income. Net interest income increased by 12% to HK\$2,823 million benefited by the enhanced deposit franchise. Fee and commission income increased by 18% to HK\$1,158 million driven by wealth management and credit card business. Trading income was 29% lower due to reduced customer flow as a result of RMB depreciation.

Expenses for the period were HK\$2,209 million, 2% higher than the same period in 2016. Allowances for credit and other losses decreased by 89% to HK\$79 million.

Comparing to 31 December 2016, loans and advances to customers declined by 2% to HK\$143 billion while customer deposits remain stable at HK\$272 billion, the proportion of lower cost deposits has been increased contributing to the growth of the net interest income.

The Bank's financial position remained strong. Total capital adequacy ratio was solid at 19.7% as at 30 June 2017, a 1.4% point increase from 31 December 2016 position. Liquidity was ample, with the average liquidity coverage ratio at 135.8% for the quarter ended 30 June 2017, which was well above the minimum requirement of 80% as stipulated by the Hong Kong Monetary Authority.

## **CONDENSED CONSOLIDATED INCOME STATEMENT** (unaudited)

		ns ended
	30 June	30 June
Note	2017	2016
3	3,612	3,247
4	(789)	(729)
	2,823	2,518
5	1,158	983
6	455	637
7	27	70
8	43	83
	4,506	4,291
9	(2,209)	(2,172)
r		
	2,297	2,119
10	(79)	(712)
	2,218	1,407
11	(370)	(234)
	1,848	1,173
	3 4 5 6 7 8 9	Note 2017  3

#### **CONDENSED CONSOLIDATED STATEMENT OF COMPREHENSIVE INCOME** (unaudited)

	For the six montl	ns ended
	30 June	30 June
In HK\$ million	2017	2016
Profit attributable to shareholders	1,848	1,173
Other comprehensive income		
Available-for-sale financial investments		
<ul> <li>Net valuation taken to equity</li> </ul>	157	124
<ul> <li>Transferred to income statement</li> </ul>	(20)	(63)
<ul> <li>Deferred income tax charged to equity</li> </ul>	(21)	(10)
Other comprehensive income attributable to		
shareholders, net of tax	116	51
Total comprehensive income attributable to		
shareholders	1,964	1,224

Items recorded in "Other comprehensive income" above will be reclassified subsequently to the income statement when specific conditions are met, e.g. when available-for-sale financial investments are disposed.

## CONDENSED CONSOLIDATED STATEMENT OF FINANCIAL POSITION (unaudited)

In HK\$ million	Note	As at 30 June 2017	As at 31 December 2016
Assets			
Cash and balances with central banks	12	1,135	3,201
Government securities and treasury bills	13	33,274	22,500
Due from banks	14	156,307	153,077
Derivatives	22	1,051	1,661
Bank and corporate securities	15	11,215	12,930
Loans and advances to customers	16	142,593	145,738
Other assets	17	4,809	7,514
Properties and other fixed assets	18	2,126	2,166
Goodwill and intangibles		172	177
Total assets		352,682	348,964
Liabilities			
Due to banks		11,426	14,610
Deposits and balances from customers	19	271,665	274,151
Derivatives	22	826	1,935
Certificates of deposit issued	20	2,325	2,765
Other liabilities		25,549	16,180
Subordinated liability	21	4,215	4,188
Total liabilities		316,006	313,829
Equity			
Share capital		8,995	8,995
Reserves		27,681	26,140
Total equity		36,676	35,135
Total liabilities and equity		352,682	348,964

#### **CONDENSED CONSOLIDATED STATEMENT OF CHANGES IN EQUITY** (unaudited)

In HK\$ million	Share capital	Capital reserve	Revaluation reserves	General reserve	Retained earnings	Total equity
Balance as at 1 January 2016	7,595	12	42	2,399	23,367	33,415
Transferred to retained earnings on sale of investment properties	-	_	(3)	_	3	-
Total comprehensive income			51		1,173	1,224
Balance as at 30 June 2016	7,595	12	90	2,399	24,543	34,639
Issuance of preference share	1,400	-	-	_	_	1,400
Transferred to retained earnings on sale of investment properties	_	_	(15)	_	15	_
Total comprehensive income	_	-	(213)	_	709	496
Dividend (Note 1)					(1,400)	(1,400)
Balance as at 31 December 2016	8,995	12	(138)	2,399	23,867	35,135
Balance as at 1 January 2017	8,995	12	(138)	2,399	23,867	35,135
Total comprehensive income	-	-	116	-	1,848	1,964
Dividend (Note 2)					(423)	(423)
Balance as at 30 June 2017	8,995	12	(22)	2,399	25,292	36,676

As at 30 June 2017, HK\$995 million (31 December 2016: HK\$1,057 million) was earmarked as the regulatory reserve from the retained earnings. The regulatory reserve is maintained to satisfy the provisions of the Hong Kong Banking Ordinance for prudential supervision purposes. Movements in the reserve are made directly through retained earnings and in consultation with the Hong Kong Monetary Authority.

- (Note 1) Included the 2016 interim dividend of HK\$1,400 million paid to holder of ordinary shares.
- (Note 2) Included the 2016 final dividend of HK\$400 million paid to holder of ordinary shares and the dividend of HK\$23 million paid to holder of preference shares.

## CONDENSED CONSOLIDATED CASH FLOW STATEMENT (unaudited)

		For the six month	ns ended 30 June
In HK\$ millions	Note	2017	2016
Cash flows from operating activities			
Profit before income tax		2,218	1,407
		·	
Adjustments for non-cash items:  Net gain on disposal of properties and			
other fixed assets		_	(31)
Allowances for credit losses		79	712
Depreciation and amortisation		142	124
Advances written off net of recoveries		(204)	(257)
Revaluation for certificates of deposit issued		10	(3)
Amortisation of discount on certificates of			
deposit issued		_	1
Interest expense for certificates of			
deposit issued		43	59
Interest expense for subordinated liability		75	65
Profit before changes in operating assets			
and liabilities		2,363	2,077
		_,	_,
Increase/(decrease) in:			
Due to banks		(3,184)	2,391
Deposits and balances from customers		(2,486)	1,222
Other liabilities and derivatives		7,899	13,092
(Increase)/decrease in:			
Due from banks		(15,705)	(18,944)
Government securities and treasury bills		(122)	833
Loans and advances to customers		3,251	5,979
Bank and corporate securities		1,814	(1,175)
Other assets and derivatives		3,305	5,084
Not each (used in)/generated from			
Net cash (used in)/generated from operating activities before income tax		(2,865)	10,559
Hong Kong profits tax paid		(2,003)	10,559
Overseas tax paid		_	_
•			
Net cash (used in)/generated from			
operating activities		(2,865)	10,559

## CONDENSED CONSOLIDATED CASH FLOW STATEMENT (unaudited)

		hs ended
	30 June	30 June
Note	2017	2016
	(97)	(97)
		85
	(97)	(12)
	(423)	-
	(40)	(65)
	(79)	(70)
	(450)	(1,570)
	(992)	(1,705)
	27	5
	(3,927)	8,847
	61,983	40,281
26(b)	58,056	49,128
		Note 2017  (97)  (97)  (423)  (40) (79)  (450)  (992)  27  (3,927)  61,983

#### NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (unaudited)

#### 1 Scope of consolidation

The condensed consolidated financial statements incorporate the financial statements of DBS Bank (Hong Kong) Limited (the "Bank") and all its subsidiaries (the "Group").

For regulatory reporting purposes, the Bank is required to compute its capital adequacy ratios and leverage ratio on a combined basis including the Bank and its overseas branch that is different from the basis of consolidation for accounting purposes. The basis is set out in the Note 3.1 to the Regulatory Disclosure Statements. The disclosures of capital adequacy ratios and leverage ratio as required by section 24 and 24A of the Banking (Disclosure) Rules are available in the section of Regulatory Disclosures on our website https://www.dbs.com/hongkong/investor/financial-results.page.

#### 2 Basis of preparation

#### (a) Accounting policies

The accounting policies applied in preparing this condensed consolidated financial statements are in compliance with Hong Kong Accounting Standard ("HKAS") 34, Interim Financial Reporting, issued by the Hong Kong Institution of Certificate Public Accountants and are the same as those applied in preparing the financial statements for the year ended 31 December 2016 as disclosed in the Annual Report and Financial Statements for 2016. Certain comparative figures have been re-presented to conform to current period presentation.

During the period, the Group has adopted the following amendments to standards which have insignificant or no effect on the condensed consolidated financial statements:

- Disclosure initiative (Amendments to HKAS 7, Statement of Cash Flow)
- "Recognition of deferred tax assets for unrealised losses" Amendments to HKAS
   12 Income taxes
- Annual Improvements to HKFRSs 2014-2016 Cycle

Information on future accounting development and their potential effect on the condensed consolidated financial statements are provided in note 2 on the consolidated financial statements of the Group's 2016 Annual Report.

#### NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (unaudited)

#### 2 Basis of preparation (continued)

#### (a) Accounting policies (continued)

#### Early adoption of HKFRS 9 Own Credit Risk

Hong Kong Financial Reporting Standard ("HKFRS") 9 Financial Instruments, which has a mandatory adoption date of 1 January 2018, allows for the early adoption of the requirements for the presentation of gains and losses on financial liabilities at fair value through profit or loss. Under HKFRS 9, changes to the fair value of such financial liabilities that is attributable to the Group's own credit risk are taken to retained earnings through other comprehensive income. The amounts are not transferred to the income statement even when realised. The Group has decided to early adopt this new presentation from 1 January 2017. The effect on the condensed consolidated financial statements is insignificant.

#### (b) Critical accounting estimates

The preparation of interim financial statements requires management to exercise judgements, use estimates and make assumptions that affect the application of policies and reported amounts in the financial statements. Although these estimates are based on management's best knowledge of current events and actions, actual results may differ from these estimates. In preparing this condensed consolidated financial statements, critical accounting estimates and assumptions used that are significant to the interim financial statements, and areas involving a higher degree of judgement and complexity were the same as those disclosed in the consolidated financial statements for the year ended 31 December 2016.

#### (c) Condensed consolidated financial statements and statutory financial statements

The financial information relating to the year ended 31 December 2016 that is included in the Interim Report 2017 as comparative information does not constitute the Group's statutory annual consolidated financial statements for that year but is derived from those financial statements. Further information relating to these statutory financial statements required to be disclosed in accordance with section 436 of the Hong Kong Companies Ordinance is as follows:

The Bank has delivered the financial statements for the year ended 31 December 2016 to the Registrar of Companies as required by section 662(3) of, and Part 3 of Schedule 6 to, the Hong Kong Companies Ordinance.

The Group's auditor has reported on those financial statements. The auditor's report was unqualified; did not include a reference to any matters to which the auditor drew attention by way of emphasis without qualifying its report and did not contain a statement under sections 406(2), 407(2) or (3) of the Hong Kong Companies Ordinance.

#### NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (unaudited)

#### 2 Basis of preparation (continued)

#### (d) Compliance with the Banking (Disclosure) Rules

The condensed consolidated financial statements and Regulatory Disclosure Statements fulfill the disclosure requirements in accordance with the Banking (Disclosure) Rules.

#### 3 Interest income

Interest income recognised on financial assets that are not at fair value through profit or loss amounted to HK\$3,557 million (first half of 2016: HK\$3,210 million).

#### 4 Interest expense

Interest expense recognised on financial liabilities that are not at fair value through profit or loss amounted to HK\$753 million (first half of 2016: HK\$722 million).

#### 5 Net fee and commission income

	For the six months ended	
In HK\$ million	30 June 2017	30 June 2016
Fee and commission income	1,351	1,231
Less: Fee and commission expense	(193)	(248)
Net fee and commission income	1,158	983
Comprising:		
<ul> <li>Wealth management</li> </ul>	475	381
<ul> <li>Trade and transaction services (Note)</li> </ul>	283	246
- Cards	186	139
<ul><li>Loan-related</li></ul>	122	126
<ul><li>Stockbroking</li></ul>	16	13
- Others	76	78
	1,158	983

## NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (unaudited)

## 5 Net fee and commission income (continued)

	For the six mo	nths ended
In HK\$ million	30 June 2017	30 June 2016
Of which:		
Fee and commission income arising from:		
<ul> <li>Financial assets or financial liabilities not</li> </ul>		
at fair value through profit or loss	509	520
<ul> <li>Trust or other fiduciary activities</li> </ul>	16	11
Fee and commission expense arising from:		
<ul> <li>Financial assets or financial liabilities not</li> </ul>		
at fair value through profit or loss	160	228

Note: Trade and transaction services includes trade & remittances, guarantees, depositrelated fees and investment banking.

#### 6 Net trading income

	For the six mo	nths ended
In HK\$ million	30 June 2017	30 June 2016
Net trading income		
<ul> <li>Foreign exchange</li> </ul>	424	584
<ul> <li>Interest rates, equities and others</li> </ul>	80	74
	504	658
Net loss from financial instruments designated		
at fair value through profit or loss	(49)	(21)
	455	637

## NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (unaudited)

#### 7 Net income from investment securities

1 1117A 1111	For the six months ended	
In HK\$ million	30 June 2017	30 June 2016
Available-for-sale debt securities	20	63
Dividend income from unlisted equity securities	7	7
	27	70
Other income		
	For the six mo	
In HK\$ million	30 June 2017	30 June 2016
Net gain on disposal of properties and		
other fixed assets	_	31
Rental income	20	25
Others	23	27
	43	83
Total expenses		
In HK\$ million	For the six mo	
Employee benefits		
<ul> <li>Salaries and other short term employee</li> </ul>		1 105
	1,206	1,195
<ul><li>Salaries and other short term employee</li><li>benefits</li><li>Pensions</li></ul>	74	7′
<ul><li>Salaries and other short term employee</li><li>benefits</li><li>Pensions</li><li>Share-based compensation</li></ul>	•	7′
<ul> <li>Salaries and other short term employee benefits</li> <li>Pensions</li> <li>Share-based compensation</li> <li>Premises and equipment expenses excluding</li> </ul>	74	7
<ul> <li>Salaries and other short term employee benefits</li> <li>Pensions</li> <li>Share-based compensation</li> <li>Premises and equipment expenses excluding depreciation</li> </ul>	74 28	7. 28
<ul> <li>Salaries and other short term employee benefits</li> <li>Pensions</li> <li>Share-based compensation</li> <li>Premises and equipment expenses excluding depreciation</li> <li>Rental of premises</li> </ul>	74 28 152	7.° 28 138
<ul> <li>Salaries and other short term employee benefits</li> <li>Pensions</li> <li>Share-based compensation</li> <li>Premises and equipment expenses excluding depreciation</li> <li>Rental of premises</li> <li>Others</li> </ul>	74 28	77 28 138 79
<ul> <li>Salaries and other short term employee benefits</li> <li>Pensions</li> <li>Share-based compensation</li> <li>Premises and equipment expenses excluding depreciation</li> <li>Rental of premises</li> </ul>	74 28 152 82	77 28 139 79 119
<ul> <li>Salaries and other short term employee benefits</li> <li>Pensions</li> <li>Share-based compensation</li> <li>Premises and equipment expenses excluding depreciation</li> <li>Rental of premises</li> <li>Others</li> <li>Depreciation</li> </ul>	74 28 152 82 137	135 75 115
<ul> <li>Salaries and other short term employee benefits</li> <li>Pensions</li> <li>Share-based compensation</li> <li>Premises and equipment expenses excluding depreciation</li> <li>Rental of premises</li> <li>Others</li> <li>Depreciation</li> <li>Auditor's remuneration</li> </ul>	74 28 152 82 137 5	1,193 7,793 135 79 119 216 324

## NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (unaudited)

#### 10 Allowances for credit and other losses

	For the six months ended	
In HK\$ million	30 June 2017	30 June 2016
Individual impairment allowances on loans and advances to customers	_	215
Collective impairment allowances on loans and advances to customers	98	150
Individual impairment allowances on other assets	(19)	343
Off-balance sheet credit exposures		4
	79	712
Individual impairment allowances on loans and advances to customers		
<ul> <li>New allowances</li> </ul>	82	270
- Releases	(79)	(52)
<ul><li>Recoveries</li></ul>	(3)	(3)
		215
Collective impairment allowances on loans and advances to customers		
<ul> <li>New allowances</li> </ul>	191	223
- Releases	(68)	(49)
<ul><li>Recoveries</li></ul>	(25)	(24)
	98	150
Individual impairment allowances on other assets		
<ul> <li>New allowances</li> </ul>	2	365
– Releases	(21)	(22)
<ul><li>Recoveries</li></ul>		
	(19)	343

#### NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (unaudited)

#### 11 Income tax expense

	For the six months ended			
In HK\$ million	30 June 2017	30 June 2016		
Hong Kong profits tax	375	237		
Overseas tax	7	3		
Current income tax	382	240		
Deferred income tax	(12)	(6)		
	370	234		

Hong Kong profits tax has been provided at 16.5% (first half of 2016: 16.5%) on the estimated assessable profits for the period. Taxation for overseas subsidiaries and branch are charged at the appropriate current rates of taxation ruling in the countries in which they operate.

#### 12 Cash and balances with central banks

13

In HK\$ million	As at 30 June 2017	As at 31 December 2016
Cash in hand Balances with central banks	565 570	615 2,586
	1,135	3,201
Government securities and treasury bills		
	As at	As at

In HK\$ million	As at 30 June 2017	As at 31 December 2016
Held for trading Available-for-sale	17,921 15,353	8,300 14,200
	<u>33,274</u>	22,500

As at 30 June 2017, there were no impaired, overdue or rescheduled available-for-sale financial assets (31 December 2016: Nil).

#### NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (unaudited)

#### 14 Due from banks

In HK\$ million	As at 30 June 2017	As at 31 December 2016
Balances with banks	7,635	4,935
Placements with and advances to banks Remaining maturity  – Within one month	49,980	59,529
One year or less but over one month	46,438	43,173
<ul><li>Over one year</li></ul>	52,254	45,440
	148,672	148,142
	156,307	153,077

As at 30 June 2017, there were no impaired, overdue or rescheduled placements with and advances to banks (31 December 2016: Nil).

#### 15 Bank and corporate securities

In HK\$ million	As at 30 June 2017	As at 31 December 2016
Held for trading Available-for-sale Loans and receivables	3 10,108 1,104	803 11,060 1,067
	11,215	12,930

As at 30 June 2017, there were no impaired, overdue or rescheduled available-for-sale and loans and receivables financial assets (31 December 2016: Nil).

As at 30 June 2017, the fair value of the above debt securities classified as loans and receivables is HK\$1,105 million (31 December 2016: HK\$1,066 million).

#### NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (unaudited)

#### 16 Loans and advances to customers

As at 30 June 2017	As at 31 December 2016
144,532	147,755
(1,154)	(1,214)
(785)	(803)
142,593	145,738
4,859	5,784
137,734	139,954
142,593	145,738
	30 June 2017 144,532 (1,154) (785) 142,593 4,859 137,734

#### Impaired advances

	As at 30 J	une 2017 % of gross loans and advances to customers	As at 31 Dec	ember 2016 % of gross loans and advances to customers
Gross impaired advances Individual impairment allowances	3,274 (1,154) 2,120	2.27	3,661 (1,214) 2,447	2.48
Impaired advances covered by collateral	1,667		1,915	

Impaired advances to customers are individually assessed customer advances with objective evidence of impairment.

The individual impairment allowances were made after taking into account the value of collateral in respect of the above advances.

#### NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (unaudited)

#### 17 Other assets

The balance as at 30 June 2017 included individual impairment allowances of HK\$231 million (31 December 2016: HK\$316 million).

#### 18 Properties and other fixed assets

In HK\$ million	Freehold land and building	Land and buildings	Furniture, fixtures and equipment	Subtotal	Investment properties	Total
Cost or valuation						
As at 1 January 2017	23	2,533	1,545	4,101	5	4,106
Additions	-	_,,,,,	97	97	_	97
Disposals						
As at 30 June 2017	23	2,533	1,642	4,198	5	4,203
Accumulated depreciation and impairment						
As at 1 January 2017	17	947	976	1,940	_	1,940
Charge for the period	_	28	109	137	_	137
Disposals						
As at 30 June 2017	17	975	1,085	2,077		2,077
Net book value						
As at 30 June 2017	6	1,558	557	2,121	5	2,126
The analysis of cost or valuation of the above assets as at 30 June 2017 is as follows:						
At cost	23	2,533	1,642	4,198	_	4,198
At valuation					5	5
	23	2,533	1,642	4,198	5	4,203
		<u>Z,333</u>	1,042	4,198		4,20

The fair value of the investment properties has been determined based on valuations performed by A.G. Wilkinson & Associates (Surveyors) as of 31 December 2016. The fair value represents 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 (i.e. an exit price). It is an estimated amount for which an asset or liability should exchange on the valuation date between a willing buyer and a willing seller in an arm's length transaction after proper marketing where the parties had each acted knowledgeably, prudently and without compulsion.

## NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (unaudited)

## 18 Properties and other fixed assets (continued)

In HK\$ million	Freehold land and building	Land and buildings	Furniture, fixtures and equipment	Subtotal	Investment properties	Total
Cost or valuation						
As at 1 January 2016	23	2,540	1,461	4,024	327	4,351
Additions	_	5	249	254	_	254
Disposals	_	(12)	(165)	(177)	(323)	(500)
Fair value adjustment					1	1
As at 31 December 2016	23	2,533	1,545	4,101	5	4,106
Accumulated depreciation and impairment						
As at 1 January 2016	17	902	949	1,868	-	1,868
Charge for the year	_	57	189	246	-	246
Disposals		(12)	(162)	(174)		(174)
As at 31 December 2016	17	947	976	1,940		1,940
Net book value						
As at 31 December 2016	6	1,586	569	2,161	5	2,166
The analysis of cost or valuation of the above assets as at 31 December 2016 is as follows:						
At cost	23	2,533	1,545	4,101	_	4,101
At valuation					5	5
	23	2,533	1,545	4,101	5	4,106

#### NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (unaudited)

#### 19 Deposits and balances from customers

As at 30 June 2017	As at 31 December 2016
268,739	270,843
2,926	3,308
271,665	274,151
52,119	45,326
•	115,073
104,394	113,752
271,665	274,151
As at	As at
30 June 2017	31 December 2016
2,325	2,765
	30 June 2017 268,739 2,926 271,665 52,119 115,152 104,394 271,665 As at 30 June 2017

#### 21 Subordinated liability

The Bank issued a subordinated loan of US\$540 million to its intermediate holding company, DBS Bank Ltd, on 12 December 2012. On 28 August 2014, DBS Bank Ltd assigned the subordinated loan to its parent holding company, DBS Group Holdings Ltd. The terms and conditions remain unchanged after the assignment. Interest is paid quarterly each year at USD 3-month LIBOR plus 2.5% per annum. The subordinated loan matures on 12 December 2022, and is repayable on 13 December 2017 or any interest payment date thereafter. The terms require the subordinated loan to be converted into ordinary shares if and when the Hong Kong Monetary Authority ("HKMA") notifies the Bank that a conversion of the instrument, or a public sector injection of capital (or equivalent support), is necessary, without which the Bank would become non-viable. The subordinated loan is Basel III-compliant and qualify as Tier 2 capital of the Bank under the Banking (Capital) Rules made by the HKMA.

## NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (unaudited)

## 22 Derivatives

The following is a summary of each significant type of derivatives:

In HK\$ million	Contract/ notional amount	Credit risk- weighted amount	Positive fair values	Negative fair values
As at 30 June 2017				
Derivatives held for trading				
Foreign exchange derivatives  – Forwards	34,805	139	60	119
- Swaps	84,716	177	630	417
- Options purchased	7,453	49	33	5
<ul><li>Options written</li></ul>	9,279	11	5	37
	136,253	376	728	578
Interest rate derivatives				
– Futures – Swaps	18,643	100	- 192	227
<ul><li>– Gwaps</li><li>– Option purchased</li></ul>	1,486	6	2	
<ul><li>Option written</li></ul>	1,486			2
	21,615	106	194	229
Equity derivatives	1,360	42	12	12
Commodity derivatives	87	6	5	5
Total derivatives held for trading	159,315	530	939	824
Derivatives designated and qualified as fair value hedges				
Interest rate derivatives  – Swaps	2,459	49	112	2
Total	161,774	579	1,051	826

## NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (unaudited)

## 22 Derivatives (continued)

	Contract/ notional	Credit risk- weighted	Positive fair	Negative fair
In HK\$ million	amount	amount	values	values
As at 31 December 2016				
Derivatives held for trading				
Foreign exchange derivatives				
– Forwards	34,875	513	360	391
<ul><li>Swaps</li></ul>	89,718	138	476	757
<ul> <li>Options purchased</li> </ul>	23,887	590	417	70
<ul><li>Options written</li></ul>	26,058	112	70	434
	174,538	1,353	1,323	1,652
Interest rate derivatives				
- Futures	16	_	_	_
<ul><li>Swaps</li></ul>	22,919	81	218	234
<ul> <li>Options purchased</li> </ul>	760	_	_	_
<ul><li>Options written</li></ul>	760			_
	24,455	81	218	234
Equity derivatives	1,064	33	14	14
Commodity derivatives	64	4	3	3
Total derivatives held for trading	200,121	1,471	1,558	1,903
Derivatives designated and qualified as fair value hedges				
Interest rate derivatives  – Swaps	3,084	45	103	32
Chapo	=====			
Total	203,205	1,516	1,661	1,935

#### NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (unaudited)

#### 22 Derivatives (continued)

The amounts (except credit-risk weighted amounts) are shown on a gross basis and do not take into account the effect of bilateral netting arrangements. The contract or notional amounts of these instruments indicate the volume of transactions outstanding as at the end of the reporting period; they do not represent amounts at risk.

The credit risk-weighted amounts as at 30 June 2017 and 31 December 2016 are the amounts which have been taken into account the effect of bilateral netting arrangements and have been calculated in accordance with the Banking (Capital) Rules.

#### 23 Contingent liabilities and commitments

The following is a summary of the contractual amounts of each significant class of contingent liabilities and commitments:

	As at	As at
	30 June	31 December
In HK\$ million	2017	2016
Direct credit substitutes	343	367
Transaction-related contingencies	3,305	2,116
Trade-related contingencies	7,899	9,048
Forward forward deposits placed	_	2,863
Other commitments with an original maturity of not more than one year	2,196	2,082
Other commitments with an original maturity of more than one year	2,470	1,260
Other commitments which are unconditionally cancellable	144,025	151,499
	160,238	169,235
Credit risk-weighted amount	15,618	16,726

The information is prepared with reference to the Banking (Capital) Rules. For accounting purposes, acceptances are recognised on the statement of financial position in "Other assets" and "Other liabilities" in accordance with HKAS 39 Financial Instruments: Recognition and Measurement. For the purpose of the Banking (Capital) Rules, acceptances are included in the capital adequacy calculation as if they were traderelated contingencies. The contract amount of acceptances included in the table above was HK\$1,591 million (31 December 2016: HK\$1,538 million).

#### NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (unaudited)

#### 24 Fair value of financial instrument

#### (a) Valuation process

The valuation processes within the Group are governed by the Valuation Policy and Supporting Standards. These policy and standards apply to financial assets and liabilities where mark-to-market or model valuation is required. The overall framework is endorsed by Group Market and Liquidity Risk Committee and Risk Executive Committee before approval by the Board Risk Management Committee.

The Valuation Policy and supporting Standards govern the revaluation of all financial assets and liabilities that are fair value measured, covering both market prices as well as model inputs. Financial assets and liabilities are marked directly using reliable and independent market prices or by using reliable and independent market parameters (as model inputs) in conjunction with a valuation model. Products with a liquid market or those traded via an exchange will fall under the former while most over-the-counter ("OTC") products will form the latter. Market parameters include interest rate yield curves, credit spreads, exchange prices, dividend yields, option volatilities and foreign exchange rates.

Valuation models go through an assurance process carried out by the Risk Management Group, independent of the model developers. This assurance process would review the underlying methodology including its logic and conceptual soundness together with the model inputs and outputs. Model assurances are conducted prior to implementation and subject to regular review or when there are significant changes arising from market or portfolio changes. Where necessary, the Group also imposes model reserves and other adjustments in determining fair value. Models are approved by the Group Market and Liquidity Risk Committee.

The majority of OTC derivatives are traded in active markets. Valuations are determined using generally accepted models (discounted cash flows, Black-Scholes model, interpolation techniques) based on quoted market prices for similar instruments or underlyings or market parameters.

A process of independent price verification ("IPV") is in place to establish the accuracy of the market parameters used when the marking is performed by the Front Office. The IPV process entails independent checks to compare traders' marks to independent sources such as broker/dealer sources or market consensus providers. The results of the IPV are reviewed by independent control functions on a monthly basis.

#### NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (unaudited)

#### **24** Fair value of financial instrument (continued)

#### (a) Valuation process (continued)

For illiquid financial instruments where mark-to-market is not possible, the Group will value these products using an approved valuation model. Prices and parameters used as inputs to the model or to any intermediate technique involving a transformation process must be derived using approved market reliable sources. Where possible, the inputs must be checked against multiple sources for reliability and accuracy. Reliance will be placed on the model assurance process established by Risk Management Group for assurance of valuation models as fit for purpose.

The Group uses various market accepted benchmark interest rates such as LIBOR and Swap Offer Rates to determine the fair value of the financial instruments.

Where unobservable inputs are used in these models resulting in Level 3 classification, valuation adjustments or reserves will be taken for the purpose of adjusting for uncertainty in valuations. Valuation adjustment or reserve methodologies are used to substantiate the unobservable inputs and attempt to quantify the level of uncertainty in valuations. Such methodologies are governed by the Valuation Policy and supporting Standards and require approval by the Group Market and Liquidity Risk Committee.

The main valuation adjustments and reserves are described below:

#### Model and Parameter Uncertainty Adjustments

Valuation uncertainties may occur during fair value measurement either due to uncertainties in the required input parameters or uncertainties in the modeling methods used in the valuation process. In such situations, adjustments may be necessary to take these factors into account.

For example, where market data such as prices or rates for an instrument are no longer observable after an extended period of time, these inputs used to value the financial instruments may no longer be relevant in the current market conditions. In such situations, adjustments may be necessary to address the pricing uncertainty arising from the use of stale market data inputs.

#### **Credit Valuation Adjustments**

Credit valuation adjustments are taken to reflect the impact on fair value of counterparty credit risk. Credit valuation adjustments are based upon the creditworthiness of the counterparties, magnitude of the current or potential exposure on the underlying transactions, netting and collateral arrangements, and the maturity of the underlying transactions.

#### NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (unaudited)

#### **24** Fair value of financial instrument (continued)

#### (a) Valuation process (continued)

#### Day 1 Profit or Loss (P&L) Reserve

In situations where the market for an instrument is not active and its fair value is established using a valuation model based on significant unobservable market parameters, Day 1 P&L reserve is utilised to defer the P&L arising from the difference between the transaction price and the model value. A market parameter is defined as being significant when its impact on the Day 1 P&L is greater than an internally determined threshold. The Day 1 P&L reserve is released to profit or loss as the parameters become observable or the transaction closed out or amortised over the duration of the transaction. As at 30 June 2017, there was no Day 1 P&L reserve (31 December 2016: Nil).

#### **Bid Offer Adjustments**

The Group often holds, at varying points in time, both long or short positions in financial instruments which are valued using mid market levels. Bid offer adjustments are then made to account for close-out costs.

#### (b) Fair value hierarchy

The fair value hierarchy accords the highest level to observable inputs such as unadjusted quoted prices in active markets for identical assets or liabilities and the lowest level to unobservable inputs. The fair value measurement of each financial instrument is categorised in accordance to the same level of the fair value hierarchy as the input with the lowest level that is significant to the entire measurement. If unobservable inputs are deemed as significant, the financial instrument will be categorised as Level 3.

Financial instruments that are valued using quoted prices in active markets are classified as Level 1 of the valuation hierarchy. These would include government and sovereign securities, listed equities and corporate debt securities which are actively traded. Derivatives contracts which are traded in an active exchange market are also classified as Level 1 of the valuation hierarchy.

Where fair value is determined using quoted market prices in less active markets or quoted prices for similar assets and liabilities, such instruments are generally classified as Level 2. In cases where quoted prices are generally not available, the Group will determine the fair value based on valuation techniques that use market parameters as inputs including but not limited to yield curves, volatilities and foreign exchange rates. The majority of valuation techniques employ only observable market data and so reliability of the fair value measurement is high. These would include corporate debt securities, repurchase, reverse repurchase agreements and most of the Group's over-the-counter derivatives.

#### NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (unaudited)

#### 24 Fair value of financial instrument (continued)

#### (b) Fair value hierarchy (continued)

The Group classifies financial instruments as Level 3 when there is reliance on unobservable inputs to the valuation model attributing to a significant contribution to the instrument value. These would include all input parameters which are derived from historical data for example asset correlations or certain volatilities as well as unquoted equity securities. The fair value of unquoted equity securities is measured in comparison with recent transactions in the equity of the company in question or comparable companies in similar industries. Level 3 inputs also include all quoted security prices that have not been updated for more than 3 months, quoted proxies in active markets for non-similar asset classes (e.g. bonds valued using credit default swap spreads), as well as prices/valuations that are obtained from counterparties. Valuation reserves or pricing adjustments where applicable will be used to converge to fair value.

The following table presents assets and liabilities measured at fair value, classified by level of the fair value hierarchies:

In HK\$ millions	Level 1	Level 2	Level 3	Total
As at 30 June 2017				
Assets				
Financial assets at fair value through profit or loss				
<ul> <li>Government securities and</li> </ul>				
treasury bills	17,921	_	_	17,921
<ul> <li>Bank and corporate securities</li> </ul>	1	2	_	3
Available-for-sale financial assets				
<ul> <li>Government securities and</li> </ul>				
treasury bills	15,178	175	_	15,353
<ul> <li>Bank and corporate securities</li> </ul>	9,966	112	_	10,078
Derivatives	-	1,051	-	1,051
Liabilities				
Payable in respect of short sale of				
securities	17,000	_	_	17,000
Financial liabilities designated at	,			,
fair value through profit or loss	_	2,926	_	2,926
Derivatives	_	826	_	826
=				

#### NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (unaudited)

#### 24 Fair value of financial instrument (continued)

#### (b) Fair value hierarchy (continued)

In HK\$ millions	Level 1	Level 2	Level 3	Total
As at 31 December 2016				
Assets				
Financial assets at fair value through				
profit or loss				
<ul> <li>Government securities and</li> </ul>				
treasury bills	8,300	_	_	8,300
<ul> <li>Bank and corporate securities</li> </ul>	550	253	_	803
Available-for-sale financial assets				
<ul> <li>Government securities and</li> </ul>				
treasury bills	14,006	194	_	14,200
<ul> <li>Bank and corporate securities</li> </ul>	10,920	11	100	11,031
Derivatives	_	1,661	-	1,661
Liabilities				
Payable in respect of short sale of				
securities	7,812	_	_	7,812
Financial liabilities designated at				
fair value through profit or loss	_	3,308	_	3,308
Derivatives		1,935		1,935

During the first half of 2017, there were no transfers between Level 1 and Level 2 (2016: Nil), while the Level 3 financial assets decreased from HK\$100 million to HK\$ nil due to transfer out during the period as market parameters become observable. The Group's policy is to recognise transfers between the levels of the fair value hierarchy as at the end of the reporting period during the change occurred.

#### NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (unaudited)

#### **24** Fair value of financial instrument (continued)

#### (c) Fair value of financial assets and liabilities not carried at fair value

For financial assets and liabilities not carried at fair value on the financial statements, the Group has ascertained that their fair values were not materially different from the carrying amounts at year end as shown below. The bases of arriving at their fair values are as follows:

#### (i) Due from banks

The estimated fair value of placements with and advances to banks is based on the discounted cash flows using the prevailing money market interest rates for placements and advances with similar remaining maturity.

#### (ii) Loans and advances to customers

The fair value approximates their carrying amount as majority of the loans and advances to customers are on floating rate terms.

#### (iii) Bank and corporate securities – loans and receivables

The fair values are determined based on independent market quotes, where available. Where market prices are not available, fair values are estimated using discounted cash flow method. The fair value is set out in Note 15.

#### (iv) Due to banks and deposits and balances from customers

The estimated fair value of deposits with no stated maturity, which includes non-interestbearing deposits, is the amount repayable on demand. The estimated fair value of deposits and other borrowings with fixed interest rates is based on discounted cash flows using prevailing interest rates with similar remaining maturity.

#### (v) Certificates of deposit issued

The estimated fair value of certificates of deposit issued is based on discounted cash flows using the prevailing money market interest rates with similar remaining maturity.

#### (vi) Subordinated liability

The fair value of subordinated liability approximates its carrying amount as it is on floating rate term and bears interest at prevailing market interest rate.

#### NOTES TO THE CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (unaudited)

#### 25 Material related-party transactions

There were no changes in the related party transaction described in 2016 Annual report that have had a material impact on the financial position or performance of the Group in the six months ended 30 June 2017.

#### 26 Notes to the condensed consolidated cash flow statement

#### (a) Analysis of changes in financial activities during the period

In HK\$ million	Certificates of deposit issued	Subordinated liability
Balance as at 1 January 2017 Cash outflow from financing activities Revaluation	2,765 (450) 10	4,188 - -
Exchange differences and other adjustments		27
Balance as at 30 June 2017	2,325	4,215
Balance as at 1 January 2016	4,479	4,185
Cash outflow from financing activities	(1,570)	_
Revaluation	(3)	_
Amortisation of discount	1	_
Exchange differences and other adjustments		5
Balance as at 30 June 2016	2,907	4,190

#### (b) Analysis of the balances of cash and cash equivalents

As at 30 June 2017	As at 30 June 2016
1 135	1,309
1,133	1,309
7,635	2,461
36,341	29,020
,	•
12,945	16,338
58,056	49,128
	30 June 2017 1,135 7,635 36,341 12,945