

BANK OF SHANGHAI (HONG KONG) LIMITED

2019 INTERIM REGULATORY DISCLOSURES STATEMENTS

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1 INTRODUCTION

The information contained in this document is for Bank of Shanghai (Hong Kong) Limited ("**the Company**") and its subsidiaries (together "**the Group**") and is prepared in accordance with the Banking (Disclosure) Rules and disclosure templates issued by the Hong Kong Monetary Authority ("**HKMA**").

Basis of preparation

For regulatory reporting purpose, the Company is required to report its capital adequacy ratios, leverage ratios and liquidity maintenance ratio ("**LMR**") on an unconsolidated basis. The other financial information contained in this document is prepared based on an unconsolidated base unless otherwise specified.

In calculating the risk-weighted amount ("RWA"), the Company adopted the Standardised (Credit Risk) Approach for credit risk and the Standardised (Market Risk) Approach for market risk. For operational risk, the capital requirement was determined by using the Basic Indicator Approach.

2 KEY PRUDENTIAL RATIOS

The following table provides an overview of the Bank's key prudential ratios.

In HK\$	000	As at 30 June 2019	As at 31 March 2019	As at 31 December 2018	As at 30 September 2018	As at 30 June 2018
	Regulatory Capital (amount)					
1	Common Equity Tier 1 (CET1)	4,290,815	4,257,775	4,116,055	4,036,988	3,989,052
2	Tier 1	4,290,815	4,257,775	4,116,055	4,036,988	3,989,052
3	Total Capital	4,493,613	4,413,244	4,273,469	4,199,153	4,149,736
	RWA (amount)					
4	Total RWA	19,912,970	19,573,401	19,416,477	18,527,606	16,471,672
	Risk-based regulatory capital ratios (as a percentage of RWA)					
5	CET1 ratio (%)	21.5	21.8	21.2	21.8	24.2
6	Tier 1 ratio (%)	21.5	21.8	21.2	21.8	24.2
7	Total Capital ratio (%)	22.6	22.5	22.0	22.7	25.2
	Additional CET1 buffer requirements (as a percentage of RWA)					
8	Capital conservation buffer requirement (%)	2.500	2.500	1.875	1.875	1.875
9	Countercyclical capital buffer requirement (%)	0.921	0.876	0.737	0.700	0.765
10	Higher loss absorbency requirements (%) (applicable only to G-SIBs or D-SIBs)	_	-	_	_	-
11	Total Al-specific CET1 buffer requirements (%)	3.421	3.376	2.612	2.575	2.640
12	CET1 available after meeting the Al's minimum capital requirements (%)	14.6	14.5	14.0	14.7	17.2

2 KEY PRUDENTIAL RATIOS (CONTINUED)

In HK\$	000	As at 30 June 2019	As at 31 March 2019	As at 31 December 2018	As at 30 September 2018	As at 30 June 2018
	Basel III Leverage ratio					
13	Total Leverage ratio (LR) exposure measure	23,730,798	25,071,955	24,494,074	23,466,992	21,319,696
14	LR (%)	18.1	17.0	16.8	17.2	18.7
	Liquidity Coverage Ratio (LCR) / Liquidity Maintenance Ratio (LMR)					
	Applicable to category 1 institution only:					
15	Total high quality liquid assets (HQLA)	NA	NA	NA	NA	NA
16	Total net cash outflows	NA	NA	NA	NA	NA
17	LCR (%)	NA	NA	NA	NA	NA
	Applicable to category 2 institution only:					
17a	LMR (%)	56.6	74.2	72.3	55.2	55.6
	Net Stable Funding Ratio (NSFR) / Core Funding Ratio (CFR)					
	Applicable to category 1 institution only:					
18	Total available stable funding	NA	NA	NA	NA	NA
19	Total required Stable funding	NA	NA	NA	NA	NA
20	NSFR (%)	NA	NA	NA	NA	NA
	Applicable to category 2A institution only:					
20a	CFR (%)	110.8	115.1	115.1	108.3	105.8

3 COMPOSITION OF CAPITAL

(a) Financial Statements and Regulatory Scope of Consolidation

Capital adequacy ratios were calculated in accordance with the Capital Rules issued by the HKMA. The basis of consolidation for regulatory reporting purposes is different from the basis of consolidation for accounting purposes. As specified in a notice from the HKMA in accordance with Section 3C of the Capital Rules, the Company is only required to calculate capital adequacy ratio on an unconsolidated basis. Subsidiaries not included in consolidation for regulatory reporting purposes are companies that are authorised and supervised by a regulator and are subject to supervisory arrangements regarding the maintenance of adequate capital to support business activities comparable to those prescribed for authorized institutions under the Capital Rules and the Banking Ordinance. Details of subsidiaries that are not included in consolidation for regulatory reporting purposes are as follows:

Name of companies	Principal activities	Total assets as at 30 June 2019 HK\$'000	Total equity as at 30 June 2019 HK\$'000
BOSC International Company Limited	Corporate finance	861,672	798,684
BOSC International Securities Limited	Securities brokerage	9,997	9,947
BOSC International Asset Management Limited	Asset management	5,000	4,947
BOSC International Capital Limited	Corporate finance	10,000	9,947
BOSC International Investment Limited	Investment trading	3,920,619	(39,535)
BOSC International (Shenzhen) Company Limited	Corporate advisory	287,573	238,049
BOSC International Advisory (Shenzhen) Company Limited	Corporate advisory	45,182	32,045
BOSC International Equity Investment Fund Management (Shenzhen) Company Limited	Fund management	5,677	5,149
BOSC International Investment (Shenzhen) Company Limited	Investment trading	417	145
BOSC International (BVI) Limited	Special purpose entity for financing	3,959,779	6,100
BOSC International Investment (BVI) Limited	Special purpose entity for business projects	46,366	1
BOSCI Stable Income Fund SP	Investment fund	295,397	184,481

3 COMPOSITION OF CAPITAL (CONTINUED)

(b) Capital Adequacy and Reconciliation of Regulatory Capital to the Balance Sheet

Table 1: Reconciliation of Regulatory Scope Consolidated Balance Sheet to Capital Components

	Balance sheet as in published disclosure statements	Under regulatory scope of consolidation	Cross reference to Capital Disclosures
	As at 30 June 2019	As at 30 June 2019	
	HK\$'000	HK\$'000	
Assets			
Cash and balances from banks and central bank	652,128	471,035	
of which: collective provision eligible for inclusion in Tier 2 capital		88	(1)
Placements with and advances to banks	1,973,228	1,973,228	
of which: collective provision eligible for inclusion in Tier 2 capital		420	(2)
Financial assets at fair value through profit and loss	660,281	108,511	
Derivative financial assets	23,005	23,005	
Loans and advances to customers	14,887,327	14,887,327	
of which: collective provision eligible for inclusion in Tier 2 capital		196,444	(3)
Investment securities	9,736,544	5,231,275	
of which: collective provision eligible for inclusion in Tier 2 capital		3,917	(4)
Interests in associate	227	_	
Investment in subsidiary	_	780,000	
Property and equipment	15,011	9,945	
Intangible assets	4,289	4,226	(5)
Deferred tax assets	35,099	29,990	(6)
of which: deferred tax liabilities related to intangible assets		524	(7)
Other assets	388,821	257,327	
Total assets	28,375,960	23,775,869	

3 COMPOSITION OF CAPITAL (CONTINUED)

(b) Capital Adequacy and Reconciliation of Regulatory Capital to the Balance Sheet (continued)

Table 1: Reconciliation of Regulatory Scope Consolidated Balance Sheet to Capital Components (continued)

	Balance sheet as in published disclosure statements	Under regulatory scope of consolidation	Cross reference to Capital Disclosures
	As at 30 June 2019	As at 30 June 2019	
	HK\$'000	HK\$'000	
Liabilities			
Deposits from customers	10,347,469	10,355,159	
Deposits from banks	5,333,988	5,333,988	
Trading liabilities	122,190	_	
Derivative financial liabilities	25,572	25,572	
Certificates of deposit and other debt securities issued	6,995,921	3,104,200	
Current tax payable	63,216	35,874	
Other liabilities	659,229	273,816	
of which: collective provision eligible for inclusion in Tier 2 capital		1,929	(8)
Total liabilities	23,547,585	19,128,609	
Equity			
Share capital	4,000,000	4,000,000	(9)
of which: amount eligible for CET1	4,000,000	4,000,000	
of which: amount eligible for AT1	_	_	
Retained profits	801,761	625,321	(10)
Other reserves	26,614	21,939	(11)
of which: regulatory reserves		_	(12)
Total equity	4,828,375	4,647,260	
Total equity and liabilities	28,375,960	23,775,869	

3 COMPOSITION OF CAPITAL (CONTINUED)

(b) Capital Adequacy and Reconciliation of Regulatory Capital to the Balance Sheet (continued)

Table 2: Capital Disclosures

As the Company does not have any capital deduction qualified for transition arrangement under section 3 of Schedule 4H of the Banking (Capital) Rules ("BCR"), the Company has applied full capital deductions under BCR and the Company adopted this Capital Disclosures Template for making disclosures specified in the relevant subsections of section 24 of Banking (Disclosures) Rules.

(a) (b)

Source based on reference numbers/letters of the balance sheet under the regulatory scope HK\$'000 of consolidation

	CET1 capital: instruments and reserves				
1	Directly issued qualifying CET1 capital instruments plus any related share premium	4,000,000	(9)		
2	Retained earnings	625,321	(10)		
3	Disclosed reserves	21,939	(11)		
4	Directly issued capital subject to phase-out arrangements from CET1 (only applicable to non-joint stock companies)	Not applicable	Not applicable		
5	Minority interests arising from CET1 capital instruments issued by consolidated bank subsidiaries and held by third parties (amount allowed in CET1 capital of the consolidation group)	-			
6	CET1 capital before regulatory adjustments	4,647,260			
	CET1 capital: regulatory deductions				
7	Valuation adjustments	_			
8	Goodwill (net of associated deferred tax liabilities)	_			
9	Other intangible assets (net of associated deferred tax liabilities)	3,702	(5) - (7)		
10	Deferred tax assets (net of deferred tax liabilities)	30,514	(6) + (7)		
11	Cash flow hedge reserve	_			
12	Excess of total EL amount over total eligible provisions under the IRB approach	-			
13	Credit-enhancing interest-only strip, and any gain-on-sale and other increase in the CET1 capital arising from securitization transactions	-			
14	Gains and losses due to changes in own credit risk on fair valued liabilities	-			
15	Defined benefit pension fund net assets (net of associated deferred tax liabilities)				
16	Investments in own CET1 capital instruments (if not already netted off paid-in capital on reported balance sheet)	-			

3 COMPOSITION OF CAPITAL (CONTINUED)

(b) Capital Adequacy and Reconciliation of Regulatory Capital to the Balance Sheet (continued)

Table 2 : Capital Disclosures (continued)

(b)	
Source base	d
on reference	9
numbers/lette	rs
of the balance	е
sheet under t	he
regulatory sco	ре

		HK\$'000	of consolidation
17	Reciprocal cross-holdings in CET1 capital instruments	-	
18	Insignificant capital investments in CET1 capital instruments issued by financial sector entities that are outside the scope of regulatory consolidation (amount above 10% threshold)	_	
19	Significant capital investments in CET1 capital instruments issued by financial sector entities that are outside the scope of regulatory consolidation (amount above 10% threshold)	322,229	
20	Mortgage servicing rights (net of associated deferred tax liabilities)	Not applicable	Not applicable
21	Deferred tax assets arising from temporary differences (net of associated deferred tax liabilities)	Not applicable	Not applicable
22	Amount exceeding the 15% threshold	Not applicable	Not applicable
23	of which: significant investments in the ordinary share of financial sector entities	Not applicable	Not applicable
24	of which: mortgage servicing rights	Not applicable	Not applicable
25	of which: deferred tax assets arising from temporary differences	Not applicable	Not applicable
26	National specific regulatory adjustments applied to CET1 capital	-	
26a	Cumulative fair value gains arising from the revaluation of land and buildings (own-use and investment properties)	-	
26b	Regulatory reserve for general banking risks	-	
26c	Securitization exposures specified in a notice given by the MA	-	
26d	Cumulative losses below depreciated cost arising from the institution's holdings of land and buildings	-	
26e	Capital shortfall of regulated non-bank subsidiaries	-	
26f	Capital investment in a connected company which is a commercial entity (amount above 15% of the reporting institution's capital base)	_	
27	Regulatory deductions applied to CET1 capital due to insufficient AT1 capital and Tier 2 capital to cover deductions	-	
28	Total regulatory deductions to CET1 capital	356,445	
29	CET1 capital	4,290,815	

- 3 COMPOSITION OF CAPITAL (CONTINUED)
- (b) Capital Adequacy and Reconciliation of Regulatory Capital to the Balance Sheet (continued)

Table 2 : Capital Disclosures (continued)

(b)
Source based
on reference
numbers/letters
of the balance
sheet under the
regulatory scope

HK\$'000 of consolidation

		HK\$'000	or consolidation
	AT1 capital: instruments		
30	Qualifying AT1 capital instruments plus any related share premium	_	
31	of which: classified as equity under applicable accounting standards	_	
32	of which: classified as liabilities under applicable accounting standards	_	
33	Capital instruments subject to phase-out arrangements from AT1 capital	_	
34	AT1 capital instruments issued by consolidated bank subsidiaries and held by third parties (amount allowed in AT1 capital of the consolidation group)	-	
35	of which: AT1 capital instruments issued by subsidiaries subject to phase-out arrangements	_	
36	AT1 capital before regulatory deductions	-	
	AT1 capital: regulatory deductions		
37	Investments in own AT1 capital instruments	_	
38	Reciprocal cross-holdings in AT1 capital instruments	-	
39	Insignificant capital investments in AT1 capital instruments issued by financial sector entities that are outside the scope of regulatory consolidation (amount above 10% threshold)	_	
40	Significant capital investments in AT1 capital instruments issued by financial sector entities that are outside the scope of regulatory consolidation	-	
41	National specific regulatory adjustments applied to AT1 capital	-	
42	Regulatory deductions applied to AT1 capital due to insufficient Tier 2 capital to cover deductions	-	
43	Total regulatory deductions to AT1 capital	_	
44	AT1 capital	-	
45	Tier 1 capital (T1 = CET1 + AT1)	4,290,815	

3 COMPOSITION OF CAPITAL (CONTINUED)

(b) Capital Adequacy and Reconciliation of Regulatory Capital to the Balance Sheet (continued)

Table 2 : Capital Disclosures (continued)

(b)
Source based
on reference
numbers/letters
of the balance
sheet under the
regulatory scope

HK\$'000 of consolidation

		HK\$'000	of consolidation
	Tier 2 capital: instruments and provisions		
46	Qualifying Tier 2 capital instruments plus any related share premium	-	
47	Capital instruments subject to phase-out arrangements from Tier 2 capital	-	
48	Tier 2 capital instruments issued by consolidated bank subsidiaries and held by third parties (amount allowed in Tier 2 capital of the consolidation group)	-	
49	of which: capital instruments issued by subsidiaries subject to phase-out arrangements	ı	
50	Collective provisions and regulatory reserve for general banking risks eligible for inclusion in Tier 2 capital	202,798	(1) + (2) + (3) + (4) +(8)
51	Tier 2 capital before regulatory deductions	202,798	
	Tier 2 capital: regulatory deductions		
52	Investments in own Tier 2 capital instruments	-	
53	Reciprocal cross-holdings in Tier 2 capital instruments	-	
54	Insignificant capital investments in Tier 2 capital instruments issued by financial sector entities that are outside the scope of regulatory consolidation (amount above 10% threshold)	-	
55	Significant capital investments in Tier 2 capital instruments issued by financial sector entities that are outside the scope of regulatory consolidation	-	
56	National specific regulatory adjustments applied to Tier 2 capital	_	
56a	Add back of cumulative fair value gains arising from the revaluation of land and buildings (own-use and investment properties) eligible for inclusion in Tier 2 capital	-	
57	Total regulatory adjustments to Tier 2 capital	-	
58	Tier 2 capital	202,798	
59	Total regulatory capital (Total capital=Tier 1+Tier 2)	4,493,613	
60	Total risk weighted assets	19,912,970	

3 COMPOSITION OF CAPITAL (CONTINUED)

(b) Capital Adequacy and Reconciliation of Regulatory Capital to the Balance Sheet (continued)

Table 2 : Capital Disclosures (continued)

(b)
Source based
on reference
numbers/letters
of the balance
sheet under the
regulatory scope

HK\$'000 of consolidation

		ΤΙΙΧΨ ΟΟΟ	or consolidation		
	Capital ratios (as a percentage of risk weighted assets)				
61	CET1 capital ratio	21.5%			
62	Tier 1 capital ratio	21.5%			
63	Total capital ratio	22.6%			
64	Institution-specific buffer requirement (capital conservation buffer plus countercyclical capital buffer plus higher loss absorbency requirements)	3.421%			
65	of which: capital conservation buffer requirement	2.500%			
66	of which: bank specific countercyclical capital buffer requirement	0.921%			
67	of which: higher loss absorbency requirement	-			
68	CET1 (as a percentage of RWA) available after meeting minimum capital requirements	14.6%			
	National minima (if different from Basel 3 minimum)				
69	National CET1 minimum ratio	Not applicable	Not applicable		
70	National Tier 1 minimum ratio	Not applicable	Not applicable		
71	National Total capital minimum ratio	Not applicable	Not applicable		
	Amounts below the thresholds for deduction (before risk weighting)				
72	Insignificant capital investments in CET1, AT1 and Tier 2 capital instruments issued by financial sector entities that are outside the scope of regulatory consolidation	-			
73	Significant capital investments in CET1 capital instruments issued by financial sector entities that are outside the scope of regulatory consolidation	461,305			
74	Mortgage servicing rights (net of related deferred tax liability)	Not applicable	Not applicable		
75	Deferred tax assets arising from temporary differences (net of related deferred tax liability)	Not applicable	Not applicable		

- 3 COMPOSITION OF CAPITAL (CONTINUED)
- (b) Capital Adequacy and Reconciliation of Regulatory Capital to the Balance Sheet (continued)

Table 2 : Capital Disclosures (continued)

(b)
Source based
on reference
numbers/letters
of the balance
sheet under the
regulatory scope

HK\$'000 of consolidation

		ΠΚΦ 000	or consolidation
	Applicable caps on the inclusion of provisions in Tier 2 capital		
76	Provisions eligible for inclusion in Tier 2 in respect of exposures subject to the BSC approach, or the STC approach and SEC-ERBA, SEC-SA and SEC-FBA (prior to application of cap)	202,798	
77	Cap on inclusion of provisions in Tier 2 under the BSC approach, or the STC approach, and SEC-ERBA, SEC-SA and SEC-FBA	224,781	
78	Provisions eligible for inclusion in Tier 2 in respect of exposures subject to the IRB approach and SEC-IRBA (prior to application of cap)	-	
79	Cap for inclusion of provisions in Tier 2 under the IRB approach and SEC-IRBA	-	
	Capital instruments subject to phase-out arrangements (only applicable between 1 Jan 2018 and 1 Jan 2022)		
80	Current cap on CET1 capital instruments subject to phase-out arrangements	Not applicable	Not applicable
81	Amount excluded from CET1 due to cap (excess over cap after redemptions and maturities)	Not applicable	Not applicable
82	Current cap on AT1 capital instruments subject to phase-out arrangements	-	
83	Amount excluded from AT1 capital due to cap (excess over cap after redemptions and maturities)	-	
84	Current cap on Tier 2 capital instruments subject to phase-out arrangements	-	
85	Amount excluded from Tier 2 capital due to cap (excess over cap after redemptions and maturities)	-	

3 COMPOSITION OF CAPITAL (CONTINUED)

(b) Capital Adequacy and Reconciliation of Regulatory Capital to the Balance Sheet (continued)

Notes to the Table 2:

Elements where a more conservative definition has been applied in the BCR relative to that set out in Basel III capital standards:

Row No.	Description	Hong Kong basis	Basel III basis
	Other intangible assets (net of associated deferred tax liabilities)	3,702	3,702
	Explanation		
9	As set out in paragraph 87 of the Basel III text issued 2010), mortgage servicing rights ("MSRs") may be give (and hence be excluded from deduction from CET1 cap Hong Kong, an AI is required to follow the accounting treintangible assets reported in the AI's financial stateme CET1 capital. Therefore, the amount to be deducted as rethat required under Basel III. The amount reported under box represents the amount reported in row 9 (i.e. the and basis") adjusted by reducing the amount of MSRs to be of the 10% threshold set for MSRs and the aggregate arising from temporary differences and significant inversesued by financial sector entities (excluding those that exposures to connected companies) under Basel III.	n limited recognition of the special up to the special and to deduct reported in row 9 mayor the column "Base nount reported under deducted to the extension of the season	on in CET1 capital iffed threshold). In g MSRs as part of MSRs in full from ay be greater than lel III basis" in this er the "Hong Kong tent not in excess t for MSRs, DTAs apital instruments
	Deferred tax assets (net of associated deferred tax liabilities)	30,514	_
10	Basel Committee ereas DTAs which capital (and hence d). In Hong Kong, om CET1 capital. greater than that basis" in this box or the "Hong Kong elate to temporary oTAs arising from DTAs arising from uments issued by redit exposures to		

3 COMPOSITION OF CAPITAL (CONTINUED)

(b) Capital Adequacy and Reconciliation of Regulatory Capital to the Balance Sheet (continued)

Notes to the Table 2: (continued)

Row No.	Description	Hong Kong basis	Basel III basis
	Significant capital investments in CET1 capital instruments issued by financial sector entities that are outside the scope of regulatory consolidation (amount above 10% threshold)	322,229	318,695
19	instruments issued by financial sector entities that are outside the scope of regulatory consolidation (amount above 10% threshold) Explanation For the purpose of determining the total amount of significant capital investments in CET1 capital instruments issued by financial sector entities, an AI is required to aggregate any amount of loans, facilities or other credit exposures provided by it to any of its connected companies, where the connected company is a financial sector entity as if such loans.		

3 COMPOSITION OF CAPITAL (CONTINUED)

(c) Main Features of Capital Instruments

		Bank of Shanghai (Hong	Bank of Shanghai (Hong
1	Issuer	Kong) Limited	Kong) Limited
2	Unique identifier (eg CUSIP, ISIN or Bloomberg identifier for private placement)	NA	NA
3	Governing law(s) of the instrument	Hong Kong	Hong Kong
	Regulatory treatment		
4	Transitional Basel III rules	Common Equity Tier 1	Common Equity Tier 1
5	Post-transitional Basel III rules	Common Equity Tier 1	Common Equity Tier 1
6	Eligible at solo/group/group & solo	Solo	Solo
7	Instrument type (types to be specified by each jurisdiction)	Ordinary shares	Ordinary shares
8	Amount recognised in regulatory capital (Currency in million, as of most recent reporting date)	HK\$2,200 million	HK\$1,800 million
9	Par value of instrument	HK10 each	RMB10 each
10	Accounting classification	Shareholders' equity	Shareholders' equity
11	Original date of issuance	12/2/1974	3/1/2014
12	Perpetual or dated	Perpetual	Perpetual
13	Original maturity date	No maturity	No maturity
14	Issuer call subject to prior supervisory approval	No	No
15	Optional call date, contingent call dates and redemption amount	Not applicable	Not applicable
16	Subsequent call dates, if applicable	Not applicable	Not applicable
	Coupons/dividends		
17	Fixed or floating dividend/coupon	Floating	Floating
18	Coupon rate and any related index	Not applicable	Not applicable
19	Existence of a dividend stopper	No	No
20	Fully discretionary, partially discretionary or mandatory	Fully discretionary	Fully discretionary
21	Existence of step up or other incentive to redeem	No	No
22	Noncumulative or cumulative	Noncumulative	Noncumulative
23	Convertible or non-convertible	Non-convertible	Non-convertible
24	If convertible, conversion trigger(s)	Not applicable	Not applicable
25	If convertible, fully or partially	Not applicable	Not applicable
26	If convertible, conversion rate	Not applicable	Not applicable

3 COMPOSITION OF CAPITAL (CONTINUED)

(c) Main Features of Capital Instruments (continued)

27	If convertible, mandatory or optional conversion	Not applicable	Not applicable
28	If convertible, specify instrument type convertible into	Not applicable	Not applicable
29	If convertible, specify issuer of instrument it converts into	Not applicable	Not applicable
30	Write-down feature	No	No
31	If write-down, write-down trigger(s)	Not applicable	Not applicable
32	If write-down, full or partial	Not applicable	Not applicable
33	If write-down, permanent or temporary	Not applicable	Not applicable
34	If temporary write-down, description of write-up mechanism	Not applicable	Not applicable
35	Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument)	Not applicable	Not applicable
36	Non-compliant transitioned features	No	No
37	If yes, specify non-compliant features	Not applicable	Not applicable

4 LEVERAGE RATIO

(a) Components of Leverage ratio

Leverage Ratio Disclosure Template

	Item	As at 30 June 2019 HK\$'000	As at 31 March 2019 HK\$'000
	On-balance sheet exposures		
1	On-balance sheet items (excluding derivatives and SFTs, but including collateral)	23,991,286	25,102,225
2	Less: Asset amounts deducted in determining Basel III Tier 1 capital (reported as negative amounts)	(356,445)	(361,646)
3	Total on-balance sheet exposures (excluding derivatives and SFTs)	23,634,841	24,740,579
	Exposures arising from derivative exposures		
4	Replacement cost associated with all derivatives transactions	23,005	26,868
5	Add-on amounts for PFE associated with all derivatives transactions	78,499	79,667
6	Gross-up for derivatives collateral provided where deducted from the balance sheet assets pursuant to the operative accounting framework	_	-
7	Less: Deductions of receivables assets for cash variation margin provided in derivatives transactions (reported as negative amounts)	_	-
8	Less: Exempted CCP leg of client-cleared trade exposures	_	-
9	Adjusted effective notional amount of written credit derivatives	_	-
10	Less: Adjusted effective notional offsets and add-on deductions for written credit derivatives	-	-

4 LEVERAGE RATIO (CONTINUED)

(a) Components of Leverage ratio (continued)

	Item	As at 30 June 2019 HK\$'000	As at 31 March 2019 HK\$'000	
11	Total exposures arising from derivative exposures	101,504	106,553	
	Exposures arising from SFTs			
12	Gross SFT assets (with no recognition of netting), after adjusting for sales accounting transactions	1	117,965	
13	Less: Netted amounts of cash payables and cash receivables of gross SFT assets	-	_	
14	CCR exposure for SFT assets	-	12,281	
15	Agent transaction exposures	-	-	
16	Total exposures arising from SFTs	-	130,246	
Other off-balance sheet exposures				
17	Off-balance sheet exposure at gross notional amount	1,466,725	1,391,955	
18	Less: Adjustments for conversion to credit equivalent amounts	(1,233,850)	(1,109,985)	
19	Off-balance sheet items	232,875	281,970	
	Capital and total exposures			
20	Tier 1 capital	4,290,815	4,257,775	
20a	Total exposures before adjustments for specific and collective provisions	23,969,220	25,259,348	
20b	Adjustments for specific and collective provisions	(238,422)	(187,393)	
21	Total exposures after adjustments for specific and collective provisions	23,730,798	25,071,955	
	Leverage ratio			
22	Leverage ratio	18.1%	17.0%	

(b) Reconciliation of published financial statements to leverage ratio exposure

	Item	Leverage ratio framework As at 30 June 2019 HK\$'000
1	Total consolidated assets as per published financial statements	28,375,960
2	Adjustment for investments in banking, financial, insurance or commercial entities that are consolidated for accounting purposes but outside the scope of regulatory consolidation	(4,600,091)
3	Adjustment for fiduciary assets recognised on the balance sheet pursuant to the applicable accounting standard but excluded from the LR exposure measure	_
4	Adjustment for derivative contracts	78,499
5	Adjustment for SFTs (i.e. repos and similar secured lending)	-
6	Adjustment for off-balance sheet ("OBS") items(i.e. conversion to credit equivalent amounts of OBS exposures)	232,875
6a	Adjustment for specific and collective provisions that are allowed to be excluded from exposure measure	-
7	Other adjustments	(356,445)
8	Leverage ratio exposure measure	23,730,798

5 OVERVIEW OF RISK-WEIGHTED AMOUNT

The table below sets out the RWA by risk types and their corresponding capital requirements (i.e. 8% of the RWA):

		(a)	(b)	(c)
		RWA		Minimum capital requirements
	HK\$'000	As at	As at	As at
		30 June 2019	31 March 2019	30 June 2019
1	Credit risk for non-securitization exposures	16,791,866	16,539,583	1,343,349
2	Of which STC approach	16,791,866	16,539,583	1,343,349
2a	Of which BSC approach	_	_	_
3	Of which foundation IRB approach	_	_	_
4	Of which supervisory slotting criteria approach	_	_	_
5	Of which advanced IRB approach	_	_	_
6	Counterparty default risk and default fund contributions	37,315	47,377	2,985
7	Of which SA-CCR*	NA	NA	NA
7a	Of which CEM	37,315	41,236	2,985
8	Of which IMM(CCR) approach	_	_	_
9	Of which others	_	6,141	_
10	CVA risk	33,200	37,175	2,656
11	Equity positions in banking book under the simple risk-weight method and internal models method	-	_	-
12	Collective investment scheme ("CIS") exposures – LTA*	NA	NA	NA
13	CIS exposures – MBA*	NA	NA	NA
14	CIS exposures – FBA*	NA	NA	NA
14a	CIS exposures – combination of approaches*	NA	NA	NA
15	Settlement risk	_	_	_
16	Securitization exposures in banking book	_	_	_
17	Of which SEC-IRBA	_	_	_
18	Of which SEC-ERBA	_	_	_
19	Of which SEC-SA	_	_	_
19a	Of which SEC-FBA	_	_	_
20	Market risk	1,039,338	972,863	83,147
21	Of which STM approach	1,039,338	972,863	83,147
22	Of which IMM approach	_	_	_

5 OVERVIEW OF RISK-WEIGHTED AMOUNT (CONTINUED)

		(a)	(b)	(c)
		RV	RWA	
	HK\$'000	As at 30 June 2019	As at 31 March 2019	As at 30 June 2019
23	Capital charge for switch between exposures in trading book and banking book (not applicable before the revised market risk framework takes effect)*	NA	NA	NA
24	Operational risk	857,988	830,475	68,639
25	Amounts below the thresholds for deduction (subject to 250% RW)	1,153,263	1,145,928	92,261
26	Capital floor adjustment	_	_	-
26a	Deduction to RWA			
26b	Of which portion of regulatory reserve for general banking risks and collective provisions which is not included in Tier 2 Capital	_	_	-
26c	Of which portion of cumulative fair value gains arising from the revaluation of land and buildings which is not included in Tier 2 Capital	-	_	-
27	Total	19,912,970	19,573,401	1,593,037

Total RWA increased slightly mainly attributable to increased in RWA for credit risk, which was driven by the decrease in bank placements and increase in corporate exposures that attracted higher risk weight.

6 CREDIT RISK

(a) Credit quality of assets

		(a)	(b)	(c)	(d)
		Gross carrying amounts of			
As at 30 June 2019		Defaulted exposures	Non-defaulted exposures	Allowances / impairments	Net values
		HK\$'000	HK\$'000	HK\$'000	HK\$'000
1	Loans	117,510	17,538,241	234,505	17,421,246
2	Debt securities	_	5,270,846	3,917	5,266,929
3	Off-balance sheet exposures	_	213,531	143	213,388
4	Total	117,510	23,022,618	238,565	22,901,563

A default is considered to have occurred with regard to a particular borrower when either or both of the following events have taken place:

- a) Subjective default: Borrower is considered to be unlikely to pay its credit obligations in full, without taking action such as realising security (if held).
- b) Technical default: Borrower is more than 90 days past due on any credit obligation.

Loans included balances with banks and central bank, placements with and advances to banks, loans and advances to customers and related interest receivables.

Debt securities included non-trading investment securities and related interest receivables.

Off-balance sheet exposures included direct credit substitutes, transaction-related contingencies, trade-related contingencies and irrecoverable loans commitment.

(b) Changes in Stock of Defaulted Loans and Debt Securities

		(a)
As at	As at 30 June 2019	
1	Default loans and debt securities at end of the previous reporting period	226,503
2	Loans and debt securities that have defaulted since the last reporting period	_
3	Returned to non-defaulted status	_
4	Amounts written off	(108,918)
5	Other changes (Note a)	(75)
6	Defaulted loans and debt securities at end of the current reporting period	117,510

Note a: The amount includes foreign exchange movements.

6 CREDIT RISK (CONTINUED)

(c) Overview of Recognized Credit Risk Mitigation

		(a)	(b)	(c)	(d)	(f)
		Exposures unsecured: carrying amount	Exposures to be secured	Exposures secured by recognized collateral	Exposures secured by recognized guarantees	Exposures secured by recognized credit derivative contracts
As at 30) June 2019	HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000
1	Loans	11,748,310	5,672,935	454,332	5,218,603	_
2	Debt securities	5,266,929	_	_	_	_
3	Total	17,015,239	5,672,935	454,332	5,218,603	_
4	Of which defaulted	79,111	846	846	_	_

(d) Credit Risk Exposures and Effects of Recognized Credit Risk Mitigation – STC approach

		As at 30 June 2019						
		(a)	(b)	(c)	(d)	(e)	(f)	
			ore-CCF and CRM		ost-CCF and -CRM	RWA and RWA density		
	Exposure classes	On-balance sheet amount	Off-balance sheet amount	On-balance sheet amount	Off-balance sheet amount	RWA	RWA density	
		HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000	%	
1	Sovereign exposures	711,966	_	711,966	_	-	_	
2	PSE exposures	23,071	_	395,292	_	197,646	50	
2a	Of which: domestic PSEs	_	_	_	_	-	_	
2b	Of which: foreign PSEs	23,071	_	395,292	_	197,646	50	
3	Multilateral development bank exposures	_	_	_	_	-	-	
4	Bank exposures	3,429,010	7,918,570	8,282,625	91,274	3,675,738	44	
5	Securities firm exposures	_	_	_	_	-	_	
6	Corporate exposures	18,263,545	2,011,357	12,579,231	64,613	12,304,266	97	
7	CIS exposures	_	_	_	_	_	-	
8	Cash items	_	_	_	_	_	-	
9	Exposures in respect of failed delivery on transactions entered into on a basis other than a delivery-versus-payment basis	_	-	-	-	-	-	
10	Regulatory retail exposures	5,009	_	5,009	_	3,757	75	
11	Residential mortgage loans	_	_	_	_		-	
12	Other exposures which are not past due exposures	990,412	-	990,412	-	1,682,370	170	
13	Past due exposures	79,957	_	79,957	-	118,667	148	
14	Significant exposures to commercial entities	_	-	_	-	-	-	
15	Total	23,502,970	9,929,927	23,044,492	155,887	17,982,444	78	

6 CREDIT RISK (CONTINUED)

(e) Credit Risk Exposures by Asset Classes and by Risk Weights – STC approach

							As at 30 Ju	ine 2019				
	Risk Weight Exposure class	0% HK\$'000	10% HK\$'000	20% HK\$'000	35% HK\$'000	50% HK\$'000	75% HK\$'000	100% HK\$'000	150% HK\$'000	250% HK\$'000	Others HK\$'000	Total credit risk exposures amount (post CCF and post CRM) HK\$'000
1	Sovereign exposures	711,966	-	_	-	-	-	-	_	-	-	711,966
2	PSE exposures	_	-	_	_	395,292	-	-	_	-	-	395,292
2a	Of which: domestic PSEs	_	-	-	-	-	-	-	-	-	-	-
2b	Of which: foreign PSEs	-	-	-	-	395,292	-	-	-	-	-	395,292
3	Multilateral development bank exposures	1	-	-	-	_	-	-	-	_	-	-
4	Bank exposures	-	-	1,962,837	_	6,255,783	-	155,279	-	_	-	8,373,899
5	Securities firm exposures	-	-	-	_	-	-	-	-	-	-	-
6	Corporate exposures	-	-	-	-	1,243,207	-	10,836,587	564,050	-	-	12,643,844
7	CIS exposures	-	-	-	-	-	-	-	-	-	-	-
8	Cash items	-	-	-	-	-	-	-	-	-	-	-
9	Exposures in respect of failed delivery on transactions entered into on a basis other than a delivery-versus-payment basis	1	1	1	1	-	-	-	1	-	ı	-
10	Regulatory retail exposures	-	-	-	_	-	5,009	-	-	_	_	5,009
11	Residential mortgage loans	-	-	-	-	-	-	-	-	-	-	-
12	Other exposures which are not past due exposures	-	-	-	-	-	-	529,107	-	461,305	-	990,412
13	Past due exposures	846		-	_	_	-	_	79,111	-	_	79,957
14	Significant exposures to commercial entities	-	-	-	-	-	-	-	-	-	-	-
15	Total	712,812	_	1,962,837	-	7,894,282	5,009	11,520,973	643,161	461,305	_	23,200,379

7 COUNTERPARTY CREDIT RISK ("CCR")

(a) Analysis of Counterparty Default Risk Exposures (Other than those to CCPs) by Approaches

		As at 30 June 2019							
		Replacement cost (RC) HK\$'000	PFE HK\$'000	Effect EPE HK\$'000	Alpha (α) used for computing default risk exposure HK\$'000	Default risk exposure after CRM HK\$'000	RWA HK\$'000		
1	SA – CCR (for derivative contracts)	_	_	_	1.4	_	_		
1a	CEM	23,005	78,499	_	N/A	101,504	37,315		
2	IMM (CCR) approach	_	_	_	-	_	_		
3	Simple Approach (for SFTs)	_	_	_	_	_	_		
4	Comprehensive Approach (for SFTs)	_	-	_	_	_	_		
5	VaR (for SFTs)	_	_	_	_	_	_		
6	Total	23,005	78,499	_	_	101,504	37,315		

(b) CVA Capital Charge

		As at 30 June 2019	
		(a)	(b)
		EAD post CRM HK\$'000	RWA HK\$'000
	Netting sets for which CVA capital charge is calculated by the advanced CVA method	_	1
1	(i) VaR (after application of multiplication factor if applicable)		_
2	(ii) Stressed VaR (after application of multiplication factor if applicable)		_
3	Netting sets for which CVA capital charge is calculated by the standardized		
	CVA method	101,504	33,200
4	Total	101,504	33,200

8 MARKET RISK UNDER STANDARDIZED APPROACH

		As at 30 June 2019
		(a)
		RWA HK\$'000
	Outright product exposures	
1	Interest rate exposures (general and specific risk)	51,838
2	Equity exposures (general and specific risk)	_
3	Foreign exchange (including gold) exposures	987,500
4	Commodity exposures	_
	Option exposures	
5	Simplified approach	_
6	Delta-plus approach	_
7	Other approach	_
8	Securitization exposures	
9	Total	1,039,338

9 INTERNATIONAL CLAIMS

International claims are exposures of counterparties based on the location of the counterparties after taking into account the transfer of risk. For a claim guaranteed by a party situated in a country different from the counterparty, risk will be transferred to the country of the guarantor. For a claim on the branch of a bank, the risk will be transferred to the country where its head office is situated. Claims on individual countries or areas, after risk transfer, amounting to 10% or more of the aggregate international claims are shown as follows:

In HK\$'000		_	Non-bank p		
	Banks	Official sector	Non-bank financial institution	Non-financial private sector	Total
As at 30 June 2019:					
Developed countries	511,872	_	113,690	203,631	829,193
Offshore centers	457,005	_	1,462,162	1,731,341	3,650,508
of which Hong Kong SAR	341,194	_	1,462,162	1,536,783	3,340,139
Developing Asia and Pacific	2,338,695	_	2,693,758	11,234,981	16,267,434
of which China	2,338,695		2,693,758	11,008,423	16,040,876
	3,307,572		4,269,610	13,169,953	20,747,135

9 INTERNATIONAL CLAIMS (CONTINUED)

In HK\$'000		_	Non-bank p		
	Banks	Official sector	Non-bank financial institution	Non-financial private sector	Total
As at 31 December 2018:					
Developed countries Offshore centers of which Hong Kong SAR Developing Asia and Pacific of which China	2,557,773 1,131,645 667,095 2,371,182 2,371,182	553,406 553,406 - -	102,062 2,995,170 2,995,170 2,577,084 2,577,084	86,247 2,328,335 2,328,335 10,045,102 9,817,925	2,746,082 7,008,556 6,544,006 14,993,368 14,766,191
	6,060,600	553,406	5,674,316	12,459,684	24,748,006

The geographical analysis has taken into account the transfer of risk.

10 FURTHER ANALYSIS OF LOANS AND ADVANCES TO CUSTOMERS

Impaired loans and advances, overdue loans and advances, Stage 3 ECL and Stage 1&2 ECL, in respect of industry sectors representing not less than 10% of gross loans and advances to customers are analysed as follows:

	30 June 2019					
	Impaired loans and advances HK\$'000	Overdue loans and advances HK\$'000	Stage 3 ECL HK\$'000	Stage 1&2 ECL HK\$'000		
Financial concerns Property development				(15,787) (14,978)		
		31 Decem	ber 2018			
	Individually impaired loans and advances HK\$'000	Overdue loans and advances HK\$'000	Stage 3 ECL HK\$'000	Stage 1&2 ECL HK\$'000		
Financial concerns Property development				(21,053) (60,772)		

11 MAINLAND ACTIVITIES

		On-balance sheet exposure	Off-balance sheet	Total	
As a	As at 30 June 2019		exposure HK\$'000	Total HK\$'000	
1.	Central government, central government-owned	1 0 4 0 2 0 7		1 0 4 0 2 0 7	
2.	entities and their subsidiaries and joint ventures (JVs) Local governments, local government-owned entities	1,848,207	_	1,848,207	
	and their subsidiaries and JVs	1,768,598	_	1,768,598	
3.	PRC nationals residing in Mainland China or other				
	entities incorporated in Mainland China and their				
	subsidiaries and JVs	5,960,910	27,273	5,988,183	
4.	Other entities of central government not reported in item 1 above	1,179,246		1,179,246	
5.	Other entities of local governments not reported in	1,179,240	_	1,179,240	
٠.	item 2 above	276,894	_	276,894	
6.	PRC nationals residing outside Mainland China or				
	entities incorporated outside Mainland China where				
7	the credit is granted for use in Mainland China	3,441,400	104,838	3,546,238	
7.	Other counterparties where the exposures are considered by the reporting institution to be non-bank				
	Mainland China exposures	2,216,420	10,860	2,227,280	
	·				
		16,691,675	142,971	16,834,646	
Tota	ll assets after provision	23,786,750			
	P 1 1 1 1				
On-	balance sheet exposures as percentage of total assets	70.2%			
011-1	salation direct expendence as percentage or total assets				

11 MAINLAND ACTIVITIES (CONTINUED)

		On-balance	Off-balance	
		sheet exposure	sheet exposure	Total
As a	at 31 December 2018	HK\$'000	HK\$'000	HK\$'000
		·		<u>.</u>
1.	Central government, central government-owned			
	entities and their subsidiaries and joint ventures (JVs)	1,767,101	_	1,767,101
2.	Local governments, local government-owned entities			
	and their subsidiaries and JVs	998,547	88	998,635
3.	PRC nationals residing in Mainland China or other			
	entities incorporated in Mainland China and their	0.450.007	50.050	0.040.000
4	subsidiaries and JVs	6,156,027	56,953	6,212,980
4.	Other entities of central government not reported in	4 4 4 4 2 0 7		4 444 207
5.	Other entities of lead governments not reported in	1,141,387	_	1,141,387
5.	Other entities of local governments not reported in item 2 above	271,769		271,769
6.	PRC nationals residing outside Mainland China or	271,703	_	271,703
0.	entities incorporated outside Mainland China where			
	the credit is granted for use in Mainland China	3,022,191	103,331	3,125,522
7.	Other counterparties where the exposures are	0,022,101	100,001	0,120,022
	considered by the reporting institution to be non-bank			
	Mainland China exposures	1,901,933	10,860	1,912,793
	·		<u> </u>	
		15,258,955	171,232	15,430,187
Tota	I assets after provision	24,509,436		
	. 2000.0 2.10. p. 01.00.	= 1,000,100		
On-l	palance sheet exposures as percentage of total assets	62.3%		
011-1	palative street exposures as percentage of total assets			

NOTES TO INTERIM FINANCIAL INFORMATION DISCLOSURE STATEMENT (CONTINUED)

12 CURRENCY CONCENTRATIONS

The Group (including the Company and its subsidiaries) had the following net foreign currency exposures which exceeded 10% of the net foreign currency exposure in all currencies:

	USD \$'000 HK\$ equivalent	RMB \$'000 HK\$ equivalent	Other foreign currencies \$'000 HK\$ equivalent	Total foreign currencies \$'000 HK\$ equivalent
As at 30 June 2019				
Spot assets Spot liabilities Forward purchases Forward sales	21,201,575 (16,931,856) 2,046,152 (4,636,723)	1,494,731 (3,049,614) 1,056,231 (236,208)	1,759,727 (19,277) — (1,703,794)	24,456,033 (20,000,747) 3,102,383 (6,576,725)
Net long/(short) non-structural position	1,679,148	(734,860)	36,656	980,944
As at 31 December 2018				
Hong Kong dollar equivalents				
Spot assets Spot liabilities Forward purchases Forward sales	21,074,361 (13,382,072) 1,363,818 (7,814,030)	1,607,127 (4,978,780) 2,961,823 (309,676)	895,010 (459,950) 442,500 (845,792)	23,576,498 (18,820,802) 4,768,141 (8,969,498)
Net long/(short) non-structural position	1,242,077	(719,506)	31,768	554,339

As at 30 June 2019 and 31 December 2018, there was no net structural position.

13 COUNTERCYCLICAL CAPITAL BUFFER

Geographical Distribution of Credit Exposures used in Countercyclical Capital Buffer ("CCyB")

The following table provides an overview of the geographical distribution of the RWA of private sector credit exposures relevant for the calculation of the Bank's CCyB ratio.

In HK	\$'000	As at 30 June 2019				
	Geographical breakdown by Jurisdiction (J)	Applicable JCCyB ratio in effect (%)	RWA used in computation of CCyB ratio	Al-specific CCyB ratio (%)	CCyB amount	
1	Hong Kong SAR	2.500	5,135,534			
2	United Kingdom	1.000	57,281			
	Sum		5,192,815			
	Total		14,000,162	0.921	183,398	