

## **Fubon Bank (Hong Kong) Limited**

Regulatory Disclosures Statement
As at 31 December 2021



As at 31 December 2021

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#### Introduction

This Regulatory Disclosures Statement is prepared in accordance with the Banking (Disclosures) Rules ("BDR") for Fubon Bank (Hong Kong) Limited and its subsidiaries (the "Group"). The information contained in this statement, together with the Group's consolidated financial statements for the year ended 31 December 2021 and disclosures made in the Bank's website under the page "Regulatory Disclosures", comply fully with the applicable disclosure provisions of the BDR issued by the Hong Kong Monetary Authority ("HKMA") under section 60A of the Hong Kong Banking Ordinance ("HKBO").

These disclosures are governed by the Group's policy on financial disclosures, which has been approved by the Board. The policy set out the governance, control and assurance requirements for publication of these disclosures. While this statement is not required to be externally audited, it has been subject to independent review in accordance with the policy and its financial reporting and governance processes.

This statement is prepared based on the consolidated basis for regulatory purposes, which is different from the basis of consolidation for accounting purposes. For the details of the basis of consolidation, please refer to Note (A) to the Group's consolidated financial statements.

According to the BDR, disclosure of comparative information is not required unless otherwise specified in the standard disclosure templates.

The terms "collective impairment allowances / collective provision" represents impairment allowances recognised for financial instruments categorized as Stage 1 and Stage 2 under the Group's accounting policies, while the terms "individual impairment allowances / specific provision" represents impairment allowances recognised on financial instruments categorized as Stage 3 under the Group's accounting policies. For details of the categorization of different stages of a financial instrument and the methodology in arriving the impairment allowances on each stage, please refer to Note 2(g), 2(p) and 35(a)(viii) to the Group's consolidated financial statements.



## **Template KM1:** Key prudential ratios

		(a)	(b)	(c)	(d)	(e)
		(u)	(6)	` ,	(u)	. ,
		As at	As at	As at	As at	As at
		31 December	30 September	30 June	31 March	31 December
		2021	2021	2021	2021	2020
		HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000
	Regulatory capital (amount)					
1	Common Equity Tier 1 (CET1)	12,243,209	12,271,804	12,063,417	12,369,147	12,254,986
2	Tier 1	12,243,209	12,271,804	12,063,417	12,369,147	12,254,986
3	Total capital	13,720,862	13,749,232	13,561,764	13,878,014	13,761,178
	RWA (amount)					
4	Total RWA	76,731,423	72,379,308	72,681,705	71,820,783	72,694,897
	Risk-based regulatory capital ratios (	as a percentage of R	WA)			
5	CET1 ratio (%)	15.9559%	16.9549%	16.5976%	17.2222%	16.8581%
6	Tier 1 ratio (%)	15.9559%	16.9549%	16.5976%	17.2222%	16.8581%
7	Total capital ratio (%)	17.8817%	18.9961%	18.6591%	19.3231%	18.9300%
	Additional CET1 buffer requirement	s (as a percentage of	RWA)			
8	Capital conservation buffer requirement (%)	2.5000%	2.5000%	2.5000%	2.5000%	2.5000%
9	Countercyclical capital buffer requirement (%)	0.8242%	0.8180%	0.8054%	0.7985%	0.7983%
10	Higher loss absorbency requirements (%) (applicable only to G-SIBs or D-SIBs)	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
11	Total AI-specific CET1 buffer requirements (%)	3.3242%	3.3180%	3.3054%	3.2985%	3.2983%
12	CET1 available after meeting the AI's minimum capital requirements (%)	9.9559%	10.9549%	10.5976%	11.2222%	10.8581%
	Basel III leverage ratio					
13	Total leverage ratio (LR) exposure measure	120,896,788	113,713,732	116,424,273	113,082,801	115,366,935
14	LR (%)	10.1270%	10.7918%	10.3616%	10.9381%	10.6226%
	Liquidity Coverage Ratio (LCR) / Lie	quidity Maintenance	Ratio (LMR)			
	Applicable to category 1 institution only:					
15	Total high quality liquid assets (HQLA)	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
16	Total net cash outflows	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
17	LCR (%)	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
	Applicable to category 2 institution only:					
17a	LMR (%)	73.9142%	70.3927%	70.4765%	67.4751%	66.8745%



## **Template KM1:** Key prudential ratios (continued)

		(a)	(b)	(c)	(d)	(e)
		As at	As at	As at	As at	As at
		31 December	30 September	30 June	31 March	31 December
		2021	2021	2021	2021	2020
		HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000
	Net Stable Funding Ratio (NSFR) / C	Core Funding Ratio (	CFR)			
	Applicable to category 1 institution only:					
18	Total available stable funding	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
19	Total required stable funding	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
20	NSFR (%)	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
	Applicable to category 2A institution only:					
20a	CFR (%)	165.7525%	163.0226%	163.8644%	161.8095%	162.7647%



## Table OVA: Overview of risk management

In meeting its overall responsibilities to the shareholders, depositors, creditors, employees and other stakeholders, the Board has to ensure that there is a competent executive management capable of running the Bank in a sound, efficient and profitable manner. In relation to risk management, the responsibilities of the Board include establishing, approving and reviewing risk management strategies and policies of the Bank to ensure that the various types of risk inherent in the Bank's operations and business (including credit, market, interest rate, liquidity, operational, reputation, legal and strategic) are regularly identified, measured, monitored and controlled.

The Board has established several Board committees to assist it in carrying out its risk management responsibilities including the Audit Committee, Risk Committee and Executive Credit Committee. In addition, a number of management level committees have been set up by the Board to oversee the effectiveness of the Bank's daily risk management including the Asset and Liability Committee, Internal Control Committee and Credit Committee.

#### (i) Audit Committee

The Audit Committee reviews the Bank's financial reporting process, the systems of internal control, the internal audit function and the risk management process. In particular, the review undertaken by the Audit Committee on the internal audit function includes the Internal Audit Charter and its approval, the annual audit plan, internal audit reports and special investigation reports issued, and ensuring that appropriate management actions are taken following the major audit findings.

### (ii) Risk Committee

The Risk Committee ("RC") establishes the Bank's overall risk appetite and risk management framework, and oversees Senior Management's implementation of the Bank's risk policies. The RC annually reviews and endorses the Bank's risk appetite statement and risk management strategies. It oversees the establishment and maintenance by Senior Management of appropriate infrastructure, resources and systems for risk management, particularly in relation to compliance with relevant legal and regulatory requirements, adherence to the approved risk appetite and related policies, and the adoption of best practices wherever feasible. The RC is required to ensure that the staff responsible for implementing risk management systems and controls are sufficiently independent of the risk-taking units in the Bank.

#### (iii) Executive Credit Committee

The Executive Credit Committee ("ECC") has the delegated authority to approve credit proposals, credit policies and other credit related matters which require the approval of the Board.

#### (iv) Asset and Liability Committee

The Asset and Liability Committee ("ALCO") is responsible for providing oversight of the Bank's operations relating to interest rate risk, market risk and liquidity risk (collectively known as "financial risks") as well as capital management. The ALCO initiates, reviews and endorses for the approval of the Risk Committee of the Board and the Board of Directors the Bank's policies on financial risks and capital management respectively. It approves guidelines relating to such policies, reviews and approves all major financial risk management reports. The ALCO also oversees the Bank's investment activities by establishing investment strategies within policies laid down by the Risk Committee of the Board and reviews actual performance.



## **Table OVA:** Overview of risk management (continued)

#### (v) Internal Control Committee

The Internal Control Committee ("ICC") provides oversight of the Bank's exposure to operational and legal risks, ensuring the Bank has in place an effective internal control framework, providing guidance to the Bank in establishing a sound system of internal control, and monitoring system to ensure overall compliance within the Bank.

To ensure an effective internal control framework is in place, the ICC reviews policies and approves guidelines relating to internal control and management of operational and legal risks, receives and discusses reports submitted by various risk management units and promotes internal control culture. To maintain an adequate system of internal control, the ICC reviews and discusses major operational risk events, and the progress of rectification of adverse audit findings and control self-assessments.

#### (vi) Credit Committee

The Credit Committee ("CC") reviews and endorses credit policies and credit risk profile of the Bank for ECC approval, and reviews and approves credit related guidelines. The CC also reviews and approves requests for credit facilities that are within its authority as delegated by the Board, and reviews and endorses requests for credit facilities before their submission to the ECC for approval.

The CC will also conduct on-going reviews of the market environment and credit quality and make necessary policy recommendations to the ECC to ensure that the credit risk profile of the Bank is within the established risk appetite. In this regard, the CC will provide periodic and timely credit related management and stress testing reports to the ECC for review.

The Bank has established policies and procedures to identify and measure different type of risks (namely credit risk, market risk, liquidity risk and operational risk), to set appropriate risk limits as derived from its risk appetite statements and risk appetite indicators and control measures, and to monitor the risks and limits continuously by means of reliable and up-to-date management and information systems. These policies and procedures, including limit excess follow-up procedures, are distributed to the relevant risk taking and risk management units for execution and monitoring. Regular training courses are conducted in order to ensure that all staff are familiar with the key principles of the Bank's code of conduct. The Bank continuously modifies and enhances its risk management policies and measurement and reporting systems to reflect changes in markets, products and best practice risk management processes. The key features of the risk measurement systems include measuring risks by early warning indicators limits, and regular stress testing. Internal audit also perform regular audits to ensure compliance with the Bank's policies and procedures.

The Bank has established an organizational structure such that risk management functions are independent of risk taking units. The risk management functions independently measure and provide key risk information, including asset quality, liquidity profile, capital adequacy ratio and the risk exposures, and limit monitoring results to the RC and to senior management on a regular basis.



#### **Table OVA:** Overview of risk management (continued)

#### Stress testing

Stress testing is an essential risk management tool to assess the Bank's vulnerability in "stressed" business conditions and the Bank's capacity to withstand the impact of stressed situations in terms of profitability, liquidity and capital adequacy. The Bank's stress-testing programme will include various regular stress tests on individual risk areas and portfolios, and also the Bank-wide Stress Test which will use an integrated approach to produce stress test on a legal entity basis and on a consolidated basis, providing a spectrum of perspectives at product-, business- and entity-specific levels, where applicable.

Stress testing methods, including quantitative and qualitative techniques, range from sensitivity tests to scenario analyses and reverse stress tests. Stress testing will be conducted under different scenarios along a spectrum of events and severity levels for all relevant risk factors of the Bank, as well as the interactions between such risk factors. Relevant management committees review results of stress tests and any potential risks and vulnerabilities identified on a timely basis, discuss and decide any necessary management actions required.



## **Template OV1:** Overview of RWA

		(a)	(b)	(c)
		RWA		Minimum capital requirements
		As at	As at	As at
		31 December 2021	30 September 2021	31 December 2021
		HK\$'000	HK\$'000	HK\$'000
		11114 000	1114 000	11K\$ 000
1	Credit risk for non-securitization exposures	73,829,992	69,315,650	5,906,399
2	Of which STC approach	73,829,992	69,315,650	5,906,399
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	790,154	968,413	63,212
7	Of which SA-CCR approach	172,358	235,021	13,789
7a	Of which CEM	-	-	-
8	Of which IMM(CCR) approach	-	-	-
9	Of which others	617,796	733,392	49,423
10	CVA risk	13,813	18,738	1,105
11	Equity positions in banking book under the simple risk-weight method and internal models method	-	-	-
12	Collective investment scheme ("CIS") exposures – LTA*	Not applicable	Not applicable	Not applicable
13	CIS exposures – MBA*	Not applicable	Not applicable	Not applicable
14	CIS exposures – FBA*	Not applicable	Not applicable	Not applicable
14a	CIS exposures – combination of approaches*	Not applicable	Not applicable	Not applicable
15	Settlement risk	-	-	-
16	Securitization exposures in banking book	-	-	-
17	Of which SEC-IRBA	-	-	-
18	Of which SEC-ERBA (including IAA)	-	-	-
19	Of which SEC-SA	-	-	-
19a	Of which SEC-FBA	-	-	-
20	Market risk	60,000	60,863	4,800
21	Of which STM approach	60,000	60,863	4,800
22	Of which IMM approach	-	-	-
	Capital charge for switch between exposures in trading book and			
	banking book (not applicable before the revised market risk			
23	framework takes effect)*	Not applicable	Not applicable	Not applicable
24	Operational risk	3,045,838	3,042,213	243,667
_24a	Sovereign concentration risk	-	-	-
25	Amounts below the thresholds for deduction (subject to 250% RW)	203,068	173,858	16,245



### **Template OV1:** Overview of RWA (continued)

		(a)	(b)	(c)
		RWA		Minimum capital requirements
		As at	As at	As at
		31 December 2021	30 September 2021	31 December 2021
		HK\$'000	HK\$'000	HK\$'000
26	Capital floor adjustment	-	-	-
26a	Deduction to RWA	1,211,442	1,200,427	96,915
26b	Of which portion of regulatory reserve for general banking risks and collective provisions which is not included in Tier 2 Capital	-	-	-
	Of which portion of cumulative fair value gains arising from the revaluation of land and buildings which is not included in			
26c	Tier 2 Capital	1,211,442	1,200,427	96,915
27	Total	76,731,423	72,379,308	6,138,513

Items marked with an asterisk (\*) will be applicable only after their respective policy frameworks take effect. Until then, "Not applicable" should be reported in the rows.



## **Template PV1:** Prudent valuation adjustments

		As at 31 December 2021							
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
		Equity	Interest rates	FX	Credit	Commodities	Total	Of which: In the trading book	Of which: In the banking book
1	Close-out uncertainty, of which:	-		-		-	'	-	
2	Mid-market value	_	-	-	-		-	-	-
3	Close-out costs	_	_	-	-	_	-	-	-
4	Concentration	_	-	-	-	-	_	_	-
5	Early termination	_	-	-	_	-		-	-
6	Model risk	-	-	_	-	_		_	_
7	Operational risks	-	-	-	-	-	-	-	-
8	Investing and funding costs						-	-	-
9	Unearned credit spreads						-	-	-
10	Future administrative costs	-	-	-	-	-	-	-	-
11	Other adjustments	-	-	-	-	-	-	-	-
12	Total adjustments	-	-	-	-	-	-	-	-

In the evaluation process of the valuation adjustment, if any, the Bank would assess the market data input (the correctness and update of the market data) and the model risk (the appropriateness of the model use). Other elements are not taken into consideration as the impact is considered to be insignificant.



## **Template CC1: Composition of regulatory capital**

		(a)	(b)
		Amount	Source based on reference numbers/letters of the balance sheet under the regulatory scope of consolidation
		As at 31 December 2021	
		HK\$'000	
	CET1 capital: instruments and reserves		
1	Directly issued qualifying CET1 capital instruments plus any related share premium	4,830,448	(7)
2	Retained earnings	6,853,587	(8) + (9)
3	Disclosed reserves	2,912,408	(10) + (11) + (12) + (13)
4	Directly issued capital subject to phase-out arrangements from CETI (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 deductions	14,596,443	
	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)	-	
10	Deferred tax assets (net of associated deferred tax liabilities)	-	
11	Cash flow hedge reserve	-	
12	Excess of total EL amount over total eligible provisions under the IRB approach	Not applicable	Not applicable
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)	-	
17	Reciprocal cross-holdings in CET1 capital instruments	-	
18	Insignificant LAC investments in CET1 capital instruments issued by financial sector entities that are outside the scope of regulatory consolidation (amount above 10% threshold)	-	
19	Significant LAC investments in CET1 capital instruments issued by financial sector entities that are outside the scope of regulatory consolidation (amount above 10% threshold)	-	



		(a)	(b)
		Amount	Source based on reference numbers/letters of the balance sheet under the regulatory scope of consolidation
		As at 31 December 2021	
		HK\$'000	
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	2,353,234	
26a	Cumulative fair value gains arising from the revaluation of land and buildings (own-use and investment properties)	2,202,622	(10) + (11)
26b	Regulatory reserve for general banking risks	150,612	(12)
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	2,353,234	
29	CET1 capital	12,243,209	
	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	-	



		( )	<i>a</i> >
		(a)	(b)
		Amount	Source based on reference numbers/letters of the balance sheet under the regulatory scope of consolidation
		As at 31 December 2021	
		HK\$'000	
	AT1 capital: regulatory deductions		
37	Investments in own AT1 capital instruments	-	
38	Reciprocal cross-holdings in AT1 capital instruments	-	
39	Insignificant LAC investments in AT1 capital instruments issued by financial sector entities that are outside the scope of regulatory consolidation (amount above 10% threshold)	-	
40	Significant LAC 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	-	
4-			
45	Tier 1 capital (T1 = CET1 + AT1)	12,243,209	
45	Tier 1 capital (T1 = CET1 + AT1)  Tier 2 capital: instruments and provisions	12,243,209	
45		12,243,209	
	Tier 2 capital: instruments and provisions		
46	Tier 2 capital: instruments and provisions  Qualifying Tier 2 capital instruments plus any related share premium	-	
46 47	Tier 2 capital: instruments and provisions  Qualifying Tier 2 capital instruments plus any related share premium  Capital instruments subject to phase-out arrangements from Tier 2 capital  Tier 2 capital instruments issued by consolidated bank subsidiaries and held by third	-	
46 47 48	Tier 2 capital: instruments and provisions  Qualifying Tier 2 capital instruments plus any related share premium  Capital instruments subject to phase-out arrangements from Tier 2 capital  Tier 2 capital instruments issued by consolidated bank subsidiaries and held by third parties (amount allowed in Tier 2 capital of the consolidation group)  of which: capital instruments issued by subsidiaries subject to phase-out	-	- (1) - (2) - (3) - (4) - (5) + (6) + (12)
46 47 48 49	Tier 2 capital: instruments and provisions  Qualifying Tier 2 capital instruments plus any related share premium  Capital instruments subject to phase-out arrangements from Tier 2 capital  Tier 2 capital instruments issued by consolidated bank subsidiaries and held by third parties (amount allowed in Tier 2 capital of the consolidation group)  of which: capital instruments issued by subsidiaries subject to phase-out arrangements  Collective provisions and regulatory reserve for general banking risks eligible for	-	
46 47 48 49 50	Tier 2 capital: instruments and provisions  Qualifying Tier 2 capital instruments plus any related share premium  Capital instruments subject to phase-out arrangements from Tier 2 capital  Tier 2 capital instruments issued by consolidated bank subsidiaries and held by third parties (amount allowed in Tier 2 capital of the consolidation group)  of which: capital instruments issued by subsidiaries subject to phase-out arrangements  Collective provisions and regulatory reserve for general banking risks eligible for inclusion in Tier 2 capital	486,473	
46 47 48 49 50	Tier 2 capital: instruments and provisions  Qualifying Tier 2 capital instruments plus any related share premium  Capital instruments subject to phase-out arrangements from Tier 2 capital  Tier 2 capital instruments issued by consolidated bank subsidiaries and held by third parties (amount allowed in Tier 2 capital of the consolidation group)  of which: capital instruments issued by subsidiaries subject to phase-out arrangements  Collective provisions and regulatory reserve for general banking risks eligible for inclusion in Tier 2 capital  Tier 2 capital before regulatory deductions	486,473	
46 47 48 49 50	Tier 2 capital: instruments and provisions  Qualifying Tier 2 capital instruments plus any related share premium  Capital instruments subject to phase-out arrangements from Tier 2 capital  Tier 2 capital instruments issued by consolidated bank subsidiaries and held by third parties (amount allowed in Tier 2 capital of the consolidation group)  of which: capital instruments issued by subsidiaries subject to phase-out arrangements  Collective provisions and regulatory reserve for general banking risks eligible for inclusion in Tier 2 capital  Tier 2 capital before regulatory deductions  Tier 2 capital: regulatory deductions	486,473	
46 47 48 49 50 51	Tier 2 capital: instruments and provisions  Qualifying Tier 2 capital instruments plus any related share premium  Capital instruments subject to phase-out arrangements from Tier 2 capital  Tier 2 capital instruments issued by consolidated bank subsidiaries and held by third parties (amount allowed in Tier 2 capital of the consolidation group)  of which: capital instruments issued by subsidiaries subject to phase-out arrangements  Collective provisions and regulatory reserve for general banking risks eligible for inclusion in Tier 2 capital  Tier 2 capital before regulatory deductions  Tier 2 capital: regulatory deductions  Investments in own Tier 2 capital instruments  Reciprocal cross-holdings in Tier 2 capital instruments and non-capital LAC	486,473	
46 47 48 49 50 51 52 53	Tier 2 capital: instruments and provisions  Qualifying Tier 2 capital instruments plus any related share premium  Capital instruments subject to phase-out arrangements from Tier 2 capital  Tier 2 capital instruments issued by consolidated bank subsidiaries and held by third parties (amount allowed in Tier 2 capital of the consolidation group)  of which: capital instruments issued by subsidiaries subject to phase-out arrangements  Collective provisions and regulatory reserve for general banking risks eligible for inclusion in Tier 2 capital  Tier 2 capital before regulatory deductions  Tier 2 capital: regulatory deductions  Investments in own Tier 2 capital instruments  Reciprocal cross-holdings in Tier 2 capital instruments and non-capital LAC liabilities  Insignificant LAC investments in Tier 2 capital instruments issued by, and non-capital LAC liabilities of, financial sector entities that are outside the scope of regulatory consolidation (amount above 10% threshold and, where applicable, 5%	486,473 486,473	
46 47 48 49 50 51 52 53 54	Tier 2 capital: instruments and provisions  Qualifying Tier 2 capital instruments plus any related share premium  Capital instruments subject to phase-out arrangements from Tier 2 capital  Tier 2 capital instruments issued by consolidated bank subsidiaries and held by third parties (amount allowed in Tier 2 capital of the consolidation group)  of which: capital instruments issued by subsidiaries subject to phase-out arrangements  Collective provisions and regulatory reserve for general banking risks eligible for inclusion in Tier 2 capital  Tier 2 capital before regulatory deductions  Tier 2 capital: regulatory deductions  Investments in own Tier 2 capital instruments  Reciprocal cross-holdings in Tier 2 capital instruments and non-capital LAC liabilities  Insignificant LAC investments in Tier 2 capital instruments issued by, and non-capital LAC liabilities of, financial sector entities that are outside the scope of regulatory consolidation (amount above 10% threshold and, where applicable, 5% threshold)  Insignificant LAC investments in non-capital LAC liabilities of financial sector entities that are outside the scope of regulatory consolidation (amount formerly designated for the 5% threshold but no longer meets the conditions) (for institutions	486,473	



		(a)	(b)
		Amount	Source based on reference numbers/letters of the balance sheet under the regulatory scope of consolidation
		As at 31 December 2021	
		HK\$'000	
55a	Significant LAC investments in non-capital LAC liabilities of financial sector entities that are outside the scope of regulatory consolidation (net of eligible short positions)	-	
56	National specific regulatory adjustments applied to Tier 2 capital	(991,180)	
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	(991,180)	-[(10) + (11)] * 45%
56b	Regulatory deductions applied to Tier 2 capital to cover the required deductions falling within §48(1)(g) of BCR	1	
57	Total regulatory adjustments to Tier 2 capital	(991,180)	
58	Tier 2 capital (T2)	1,477,653	
59	Total regulatory capital (TC = T1 + T2)	13,720,862	
60	Total RWA	76,731,423	
	Capital ratios (as a percentage of RWA)		
61	CET1 capital ratio	15.9559%	
62	Tier 1 capital ratio	15.9559%	
63	Total capital ratio	17.8817%	
64	Institution-specific buffer requirement (capital conservation buffer plus countercyclical capital buffer plus higher loss absorbency requirements)	3.324%	
65	of which: capital conservation buffer requirement	2.500%	
66	of which: bank specific countercyclical capital buffer requirement	0.824%	
67	of which: higher loss absorbency requirement	Not applicable	Not applicable
68	CET1 (as a percentage of RWA) available after meeting minimum capital requirements	9.9559%	
	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 LAC investments in CET1, AT1 and Tier 2 capital instruments issued by, and non-capital LAC liabilities of, financial sector entities that are outside the scope of regulatory consolidation	715,095	
73	Significant LAC investments in CET1 capital instruments issued by financial sector entities that are outside the scope of regulatory consolidation	81,227	



		(a)	(b)
		Amount	Source based on reference numbers/letters of the balance sheet under the regulatory scope of consolidation
		As at 31 December 2021	
		HK\$'000	
74	Mortgage servicing rights (net of associated deferred tax liabilities)	Not applicable	Not applicable
75	Deferred tax assets arising from temporary differences (net of associated deferred tax liabilities)	Not applicable	Not applicable
	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)	486,473	
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	935,154	
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)	Not applicable	Not applicable
79	Cap for inclusion of provisions in Tier 2 under the IRB approach and SEC-IRBA	Not applicable	Not applicable
	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 ATI capital instruments subject to phase-out arrangements	-	
83	Amount excluded from ATI 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)	-	



### **Template CC1: Composition of regulatory capital (continued)**

#### Notes to Template CC1

	Description	Hong Kong basis	Basel III basis
9	Other intangible assets (net of associated deferred tax liabilities)	-	-
10	Deferred tax assets (net of associated deferred tax liabilities)	-	-
18	Insignificant LAC investments in CET1 capital instruments issued by		
	financial sector entities that are outside the scope of regulatory		
	consolidation (amount above 10% threshold)	-	-
19	Significant LAC investments in CET1 capital instruments issued by		
	financial sector entities that are outside the scope of regulatory		
	consolidation (amount above 10% threshold)	-	-
39	Insignificant LAC investments in AT1 capital instruments issued by		
	financial sector entities that are outside the scope of regulatory		
	consolidation (amount above 10% threshold)	-	-
54	Insignificant LAC investments in Tier 2 capital instruments issued by,		
	and non-capital LAC liabilities of, financial sector entities that are		
	outside the scope of regulatory consolidation (amount above 10%		
	threshold and, where applicable, 5% threshold)	-	-

Remarks:

The amount of the 10% threshold and 5% threshold mentioned above is calculated based on the amount of CET1 capital determined in accordance with the deduction methods set out in BCR Schedule 4F. The 15% threshold is referring to paragraph 88 of the Basel III text issued by the Basel Committee (December 2010) and has no effect to the Hong Kong regime.



Template CC2: Reconciliation of regulatory capital to balance sheet

	(a)	(b)	(c)
	Balance sheet as in published financial statements	Under regulatory scope of consolidation	Reference
	As at 31 December 2021	As at 31 December 2021	
	HK\$'000	HK\$'000	
Assets			
Gross cash and short-term funds	4,463,595	4,463,595	
Less: Collective impairment allowances	(113)	(113)	(1)
Gross balances with banks and other financial institutions	780,000	780,000	
Less: Collective impairment allowances	(194)	(194)	(2)
Trading assets	1,951,019	1,951,019	
Derivative financial instruments	723,055	723,055	
Gross advances to customers	60,638,771	60,638,771	
Less: Individual impairment allowances	(252,042)	(252,042)	
Less: Collective impairment allowances	(243,542)	(243,542)	(3)
Gross trade bills	1,064,294	1,064,294	
Less: Collective impairment allowances	(3,537)	(3,537)	(4)
Accrued interest and other assets	1,390,335	1,352,605	
Gross debt securities measured at amortised cost	43,164,636	43,164,636	
Less: Collective impairment allowances	(55,325)	(55,325)	(5)
Equity securities designated at fair value through other comprehensive income	783,682	783,682	
Investment in subsidiaries	-	8,562	
Amounts due from subsidiaries	-	72,307	
Fixed assets	3,696,161	3,696,161	
Investment properties	14,000	14,000	
Deferred tax assets	84	-	
Total assets	118,114,879	118,157,934	



<u>Template CC2: Reconciliation of regulatory capital to balance sheet (continued)</u>

	(a)	(b)	(c)
	Balance sheet as in published financial statements	Under regulatory scope of consolidation	Reference
	As at	As at	
	31 December 2021	31 December 2021	
	HK\$'000	HK\$'000	
Liabilities			
Deposits and balances of banks and other financial institutions	8,378,889	8,378,889	
Deposits from customers	84,420,922	84,420,922	
Trading liabilities	1,951,043	1,951,043	
Certificates of deposit issued	3,860,688	3,860,688	
Debt securities issued	2,062,439	2,062,439	
Derivative financial instruments	399,267	399,267	
Other liabilities	1,762,164	1,749,514	
of which: collective impairment allowances on off-balance sheet items		33,150	(6)
Amounts due to subsidiaries	-	210,890	
Deferred tax liabilities	527,839	527,839	
Total liabilities	103,363,251	103,561,491	
Equity			
Share capital	4,830,448	4,830,448	(7)
Reserves	9,921,180	9,765,995	
of which: retained earnings		6,484,606	(8)
of which: comprehensive income for the period		368,981	(9)
of which: premises revaluation reserve (arising from independent professional valuations carried out in November 1989)		52,669	(10)
of which: premises revaluation			
reserve		2,149,953	(11)
of which: regulatory reserve		150,612	(12)
of which: investment revaluation reserve		559,174	(13)
Total equity	14,751,628	14,596,443	
Total equity and liabilities	118,114,879	118,157,934	



### As at 31 December 2021

### **Table CCA:** Main features of regulatory capital instruments

		Ordinary shares
1	Issuer	Fubon Bank (Hong Kong)
		Limited
2	Unique identifier - ISIN	N.A.
3	Governing law(s) of the instrument	Companies Ordinance
	Regulatory treatment	
4	Transitional Basel III rules <sup>1</sup>	N.A.
5	Post-transitional Basel III rules <sup>2</sup>	Common Equity Tier 1
6	Eligible at solo/group/group & solo	Solo
7	Instrument type	Ordinary shares
8	Amount recognised in regulatory capital (Currency in million, as of most	(HK\$ million)
	recent reporting date)	4,830
9	Par value of instrument	N.A.
10	Accounting classification	Shareholders' equity
11	Original date of issuance	27 January 1970
12	Perpetual or dated	Perpetual
13	Original maturity date	N.A.
14	Issuer call subject to prior supervisory approval	No
15	Optional call date, contingent call dates and redemption amount	N.A.
16	Subsequent call dates, if applicable	N.A.
	Coupons / dividends	
17	Fixed or floating dividend/coupon	Floating
18	Coupon rate and any related index	N.A.
19	Existence of a dividend stopper	No
20	Fully discretionary, partially discretionary or mandatory	Fully discretionary
21	Existence of step up or other incentive to redeem	No
22	Noncumulative or cumulative	Non-cumulative
23	Convertible or non-convertible	Non-convertible
24	If convertible, conversion trigger (s)	N.A.
25	If convertible, fully or partially	N.A.
26	If convertible, conversion rate	N.A.
27	If convertible, mandatory or optional conversion	N.A.
28	If convertible, specify instrument type convertible into	N.A.
29	If convertible, specify issuer of instrument it converts into	N.A.
30	Write-down feature	No
31	If write-down, write-down trigger(s)	N.A.
32	If write-down, full or partial	N.A.
33	If write-down, permanent or temporary	N.A.
34	If temporary write-down, description of write-up mechanism	N.A.
35	Position in subordination hierarchy in liquidation	N.A.
36	Non-compliant transitioned features	No
37	If yes, specify non-compliant features	N.A.

The Group disclosed the full terms and conditions of its capital instruments issued as of the end of the reporting period in its website (https://www.fubonbank.com.hk) under the page "Regulatory Disclosures" in accordance with section 16FE of the BDR.

<sup>1</sup> Regulatory treatment of capital instruments subject to transitional arrangements provided for in Schedule 4H to the BCR.

<sup>2</sup> Regulatory treatment of capital instruments not subject to transitional arrangements provided for in Schedule 4H to the BCR.



As at 31 December 2021

## Template CCyB1: Geographical distribution of credit exposures used in countercyclical capital buffer ("CCyB")

		As at 31 December 2021										
	(a)	(b)	(c)	(d)	(e)							
	Geographical breakdown by Jurisdiction (J)	Applicable JCCyB ratio in effect (%)	RWA used in computation of CCyB ratio (HK\$'000)	AI-specific CCyB ratio (%)	CCyB amount (HK\$'000)							
1	Hong Kong SAR	1%	59,025,817									
2	Total		71,618,050	0.8242%	632,420							

### Template LR1: Summary comparison of accounting assets against leverage ratio exposure measure

		(a)
		As at 31 December 2021
	Item	Value under the LR framework (HK\$'000)
1	Total consolidated assets as per published financial statements	118,669,632
2	Adjustment for investments in banking, financial, insurance or commercial entities that are consolidated for accounting purposes but outside the scope of regulatory consolidation	43,907
2a	Adjustment for securitised exposures that meet the operational requirements for the recognition of risk transference	-
3	Adjustment for fiduciary assets recognised on the balance sheet pursuant to the applicable accounting standard but excluded from the LR exposure measure	-
3a	Adjustments for eligible cash pooling transactions	-
4	Adjustments for derivative contracts	675,801
5	Adjustment for SFTs (i.e. repos and similar secured lending)	299,208
6	Adjustment for off-balance sheet ("OBS") items (i.e. conversion to credit equivalent amounts of OBS exposures)	4,149,378
ба	Adjustments for prudent valuation adjustments and specific and collective provisions that are allowed to be excluded from exposure measure	(587,904)
7	Other adjustments	(2,353,234)
8	Leverage ratio exposure measure	120,896,788



**Template LR2:** Leverage ratio

		(a)	(b)
		As at	As at
		31 December 2021	30 September 2021
		HK\$	3'000
On-l	palance sheet exposures		
1	On-balance sheet exposures (excluding those arising from derivative contracts and SFTs, but including collateral)	117,118,945	110,173,684
2	Less: Asset amounts deducted in determining Tier 1 capital	(2,353,234)	(2,246,114)
3	Total on-balance sheet exposures (excluding derivative contracts and SFTs)	114,765,711	107,927,570
Expo	osures arising from derivative contracts		
4	Replacement cost associated with all derivative contracts (where applicable net of eligible cash variation margin and/or with bilateral netting)	1,182,735	1,113,271
5	Add-on amounts for PFE associated with all derivative contracts	252,584	258,068
6	Gross-up for collateral provided in respect of derivative contracts where deducted from the balance sheet assets pursuant to the applicable accounting framework	-	-
7	Less: Deductions of receivables assets for cash variation margin provided under derivative contracts	(216)	(228)
8	Less: Exempted CCP leg of client-cleared trade exposures	-	-
9	Adjusted effective notional amount of written credit-related derivative contracts	-	-
10	Less: Adjusted effective notional offsets and add-on deductions for written credit-related derivative contracts	-	-
11	Total exposures arising from derivative contracts	1,435,103	1,371,111
Expo	osures arising from SFTs		
12	Gross SFT assets (with no recognition of netting), after adjusting for sale accounting transactions	835,292	895,013
13	Less: Netted amounts of cash payables and cash receivables of gross SFT assets	_	_
14	CCR exposure for SFT assets	299,208	277,786
15	Agent transaction exposures	-	-
16	Total exposures arising from SFTs	1,134,500	1,172,799
Othe	er off-balance sheet exposures		
17	Off-balance sheet exposure at gross notional amount	31,725,222	31,537,677
18	Less: Adjustments for conversion to credit equivalent amounts	(27,575,844)	(27,430,704)
19	Off-balance sheet items	4,149,378	4,106,973
Capi	ital and total exposures		
20	Tier 1 capital	12,243,209	12,271,804
20a	Total exposures before adjustments for specific and collective provisions	121,484,692	114,578,453
20b	Adjustments for specific and collective provisions	(587,904)	(864,721)
21	Total exposures after adjustments for specific and collective provisions	120,896,788	113,713,732
Leve	rage ratio		
22	Leverage ratio	10.1270%	10.7918%



As at 31 December 2021

#### Table LIQA: Liquidity risk management

The purpose of liquidity management is to ensure sufficient cash flows to meet all financial commitments and to capitalize on opportunities for business expansion. This includes the Group's ability to meet deposit withdrawals either on demand or at contractual maturity, to repay borrowings as they mature, to comply with the statutory liquidity maintenance ratio, and to make new loans and investments as opportunities arise.

The Group has a Liquidity Risk Management Policy which covers the Group's liquidity risk management strategy, a mechanism to identify, measure, monitor and control liquidity risks, and also the Group's contingency funding plan. The Group also has a Liquidity Risk Management Guideline which covers risk measurement, risk reporting and operational requirements in implementing the Group's liquidity management strategy. The policy and guideline are both reviewed by the ALCO. The policy and guideline are approved by the RC and the ALCO respectively.

The RC reviews and approves the Group's risk appetite statement at least annually. The Group's liquidity risk management strategy is to maintain a healthy liquidity position with adequate stock of liquid assets, well-diversified funding structure relying on a broad customer deposit portfolio with prudent loan-to-deposits ratio and money market funding ratio to support the Group's liquidity needs under both normal and stressed conditions.

It is the responsibility of the management to ensure compliance with local regulatory requirements and limits set by the RC. Liquidity is managed on a daily basis by the Group's Funding Desk Department. The Funding Desk Department is responsible for ensuring that the Group has adequate liquidity for all operations, ensuring that the funding mix is appropriate so as to avoid maturity mismatches and to minimise price and reinvestment rate risk in the case of a maturity gap, and monitoring relevant markets for the adequacy of funding and liquidity.

Compliance with liquidity and funding requirements is monitored by the ALCO and is reported to the RC on a regular basis. This process includes:

- maintaining balances within relevant regulatory requirements;
- projecting cash flows under various stress scenarios and considering the level of liquid assets necessary in relation thereto;
- maintaining adequate intraday liquidity position and assessing how the intraday liquidity profile will change in conditions of stress;
- monitoring balance sheet liquidity and loan to deposit ratios against internal requirements;
- maintaining a diverse range of funding sources with adequate back-up facilities;
- managing the concentration and profile of debt maturities;
- managing lending commitments to customers within pre-determined management alert triggers;
- managing debt financing plans;
- monitoring depositor concentration in order to avoid undue reliance on large individual depositors and ensuring a satisfactory overall funding mix;
- maintaining funding contingency plans, which identify early indicators of stress conditions and describe
  actions to be taken in the event of difficulties arising from systematic or other crises, while minimizing
  adverse long-term implications for the business; and
- managing liquidity on a legal entity and on a group basis. Intragroup funding transactions are carried out at arm's length and treated in the same way as transactions with non-related third parties and controlled within pre-determined management alert triggers.



#### **Table LIQA:** Liquidity risk management (continued)

#### Primary sources of funding

Customer deposits form a significant part of the Group's overall funding. The Group places considerable importance on the stability of these deposits, which is achieved through the Group's retail and corporate banking activities and by maintaining depositor confidence in the Group's capital strength. In order to lengthen the duration of the funding, the Group issues certificates of deposit with different maturities from time to time. Interbank markets are also accessed for the purposes of providing additional funding, maintaining a regular presence in local money markets and optimising asset and liability maturities.

#### The management of funding and liquidity risk

As part of its liquidity risk management, the Group focuses on a number of components, including maintaining sufficient liquid assets, maintaining diversified sources of liquidity, reserving necessary funding capacity and contingency planning. The Group manages liquidity risk by holding sufficient liquid assets (e.g. cash and short-term funds and securities) of appropriate quality to ensure that short-term funding requirements are covered within prudential levels. Debt securities held are marked to the market on daily basis to ensure their market liquidity. The Group also adopts a funding strategy that is to achieve diversification of funding by controlling the concentration of top depositors, wholesale funding and reliance on foreign exchange swap markets. Moreover, adequate standby facilities are maintained to provide strategic liquidity to meet unexpected and material cash outflows in the ordinary course of business.

In addition to observing the statutory liquidity ratio, the Group has established different liquidity risk metrics, including but not limited to the liquidity maintenance ratio, loan-to-deposits ratio, cumulative cash flow gap and concentration of funding sources to measure and analyze its liquidity risks. Financial Control Division is responsible for measurement and monitoring of these liquidity metrics and reporting to the ALCO regularly.

The Group assesses and monitors the structure of balance sheet and also the concentration of funding sources from time to time with use of different risk metrics. During the year ended 31 December 2021:

- Loan-to-deposits ratio was kept below 80% for the aggregate position of all currencies and also not exceeding respective management alert trigger levels for each significant lending currency;
- Core funding ratio was maintained above 125%;
- Irrevocable undrawn lending commitments (for the purpose of Liquidity Maintenance Ratio) were maintained not exceeding HK\$9.0 billion;
- Single depositor concentration was maintained below 5% of total customer deposits;
- Concentration of the top 10 depositors was maintained below 20% of total customer deposits;
- Concentration of financial institution deposits was normally maintained below 15% of total customer deposits;
- Swapped fund ratio (measuring reliance on foreign exchange and/or currency swap markets) was maintained below 15%;
- Wholesale funding was kept below 20% of total funding;
- Certificates of deposit and other debt securities issued did not exceed 10% of total customer deposits (including certificates of deposit and other debt securities issued); and
- Intragroup funding was maintained at minimal level not exceeding USD53 million.

### Core deposits

The Group monitors the stability of customer deposits by means of the core deposit ratio, which is the ratio of core deposits to total customer deposits. The Group categorizes customer deposits into core deposits after taking into consideration of nature of deposits, relationship history with customers and stability of customer's total balance. An alert trigger level is set on the core deposits ratio which is monitored by the ALCO. Core deposits ratio was maintained above 25% throughout the year ended 31 December 2021.



As at 31 December 2021

#### **Table LIQA:** Liquidity risk management (continued)

#### The management of funding and liquidity risk (continued)

Loan-to-deposits ratio

The Group emphasizes the importance of customer deposits as a source of funds to finance lending to customers, and mitigate against reliance on short-term interbank funding. A limit on the loan-to-deposits ratio is established and approved by the RC and monitored by the ALCO. Management alert triggers are also set on loan-to-deposits ratio for significant lending currencies and monitored by the ALCO.

#### Cash flow projection and stress testing

The Group conducts cash flow analysis and cash flow projection arising from on- and off-balance sheet items over a set of time horizons on a regular basis to identify funding needs in specific time buckets. The Group also regularly performs stress tests on its liquidity position to ensure adequate liquidity is maintained at all time. In the stress test, both on- and off-balance sheet items with a cash flow impact are considered, with applicable hypothetical and historical assumptions. Three stressed scenarios, namely an institution-specific crisis scenario, a general market crisis scenario, and a combined scenario are adopted with minimum survival period defined pursuant to the HKMA's Supervisory Policy Manual ("SPM") "Sound Systems and Controls for Liquidity Risk Management". Stress testing assumptions are reviewed and approved by the ALCO regularly to ensure their continued appropriateness.

#### Liquidity Cushion

The Group maintains a stock of high-quality readily liquefiable assets as a liquidity cushion against a range of stressed scenarios. The eligible assets are unencumbered, low credit risk and low market risk. The liquidity cushion is segregated from debt securities held for trading purposes. A certain portion of the liquidity cushion is made up of the most liquid and readily marketable assets (such as debt securities issued by government or multilateral development banks) that can be easily liquidated to meet funding needs in the initial phase of liquidity stress.

The size of the liquidity cushion shall be adequate to meet the Group's day-to-day liquidity needs and also emergency funding needs under both normal and stress market conditions. The minimum required size of the liquidity cushion is determined with reference to the funding gap generated from the Group's regular liquidity stress testing results. Management alert triggers are established by the ALCO to ensure sufficient size of liquidity cushion is maintained and appropriate diversification among the liquidity cushion is achieved. The size and mix of the liquidity cushion is reviewed by the ALCO regularly.

Size and mix of liquidity cushion were maintained above all relevant management alert triggers throughout the year ended 31 December 2021:

- net long position of Exchange Fund Bills/Notes held was maintained at not less than HK\$2.0 billion;
- assets eligible for Lenders of Last Resort purpose was maintained at not less than 30% of total customer deposits;
- level 1 high-quality readily liquefiable assets were maintained at not less than 9% of total customer deposits;
- non-financial institution high-quality readily liquefiable assets were maintained at not less than 26% of total customer deposits; and
- total high-quality readily liquefiable assets were maintained at not less than 32% of total customer deposits.



As at 31 December 2021

#### **Table LIQA:** Liquidity risk management (continued)

#### The management of funding and liquidity risk (continued)

Contingent liquidity risk

The Group provides customers with committed and standby facilities. These facilities increase the funding requirements of the Group when customers drawdown. The liquidity risk associated with the potential drawdown on committed facilities is factored into our stressed scenarios and a management alert trigger is set for these facilities.

#### Contingency funding plan

The Group has formulated a Contingency Funding Plan ("CFP") that describes the Group's strategy for dealing with any liquidity problem and the procedures for making up cash flow deficits in emergency situations. The CFP is designed to be pro-active and pre-emptive. The Group utilizes early warning indicators, which cover both qualitative and quantitative measures, monitoring both internal and external factors. Should there be any early signs of significant impact on the Group's liquidity position, the management would be informed for their consideration. Once the CFP is triggered, a Crisis Management Team, which is led by senior management, is formed to handle the crisis. Strategy and procedures in obtaining contingency funding, as well as roles and responsibilities of parties concerned are clearly stated. The CFP also includes the analysis of cash flow projections to estimate potential liquidity needs under stress scenarios.

The CFP is subject to regular testing to ensure its effectiveness and operational feasibility, particularly in respect of the availability of the contingency sources of funding listed in it. The CFP is also subject to review and update on a regular basis to ensure it remains robust over time. Any changes to the CFP would be approved by the RC.

Moreover, in accordance with the HKMA's SPM "Recovery Planning", the Group has established a Recovery Plan, which has been approved by the Board. The Recovery Plan helps ensure that the Group is able to recover quickly from period of severe stress and preserve or restore its liquidity level. The Recovery Plan is subject to regular, at least annually, review and update.

#### Liquidity exposures

The Group's liquidity exposures are measured on a consolidated basis which comprises the Bank and Fubon Credit (Hong Kong) Limited as designated by the HKMA for regulatory purposes.

Fubon Credit (Hong Kong) Limited maintains a minimal loan portfolio not exceeding HK\$10 million without borrowings and new lending, and maintains liquidity maintenance ratio over 100% throughout the years ended 31 December 2021 and 2020.

The Bank also maintains average liquidity maintenance and core funding ratios well above the statutory minimum ratios of 25% and 75% respectively throughout the years ended 31 December 2021 and 2020.



As at 31 December 2021

### Table LIQA: Liquidity risk management (continued)

The Group reported its analysis of on-balance sheet and off-balance sheet exposure based on the remaining contractual maturity at the end of the reporting period as below:

				As at 31 Decei	mber 2021			
				Over 1	Over 3			
				month but	months but	Over 1 year		
			Within 1	within 3	within 1	but within 5	Over 5	<b>Undated or</b>
	Total	Next day	month	months	year	years	years	overdue
	HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000	HK\$'000
On-balance sheet assets								
Balances due from banks	4,038,042	2,747,316	510,615	-	780,111	-	-	-
Debt securities, prescribed								
instruments and structured								
financial instruments held	36,687,732	36,614,080	73,652	-	-	-	-	-
Acceptances and bills of								
exchange held	1,202,908	76,799	730,848	269,068	126,193	-	-	-
Loans and advances to								
non-bank customers	60,203,304	237,884	12,775,582	4,453,485	8,597,853	20,523,269	13,250,707	364,524
Other assets	24,353,423	6,509,566	5,135,626	4,349,029	2,704,785	864,625	248,701	4,541,091
	126,485,409	46,185,645	19,226,323	9,071,582	12,208,942	21,387,894	13,499,408	4,905,615
Off-balance sheet claims	6,705,494	131,738	2,943,277	2,511,747	1,118,732	-	•	<u> </u>
0.1.1								
On-balance sheet liabilities	04 455 055	22 774 002	16.000.051	20.040.700	12.01<150	0		
Deposits from customers	84,455,877	23,774,093	16,837,951	30,869,708	12,916,170	57,955	-	-
Balances due to banks	1,959,456	245,281	1,057,204	656,971	-	-	-	-
Debt securities, prescribed								
instruments and structured								
financial instruments	6 110 471	7,198	929,936	1,637,916	2 045 421	490,000		
issued and outstanding Other liabilities	6,110,471 19,570,959		5,822,036	4,346,004	3,045,421	,	170 405	563,023
Capital and reserves	14,596,444	4,787,583	3,022,030 -	4,540,004	2,989,309	883,599	179,405	14,596,444
Capital and reserves	14,390,444	-	<u>-</u>	<u>-</u>	-		-	14,390,444
	126,693,207	28,814,155	24,647,127	37,510,599	18,950,900	1,431,554	179,405	15,159,467
000111								
Off-balance sheet	11 020 272	120 107	C 104 407	2 ((0 ((0	1 ((0.07/	1 240 121	25.004	
obligations	11,839,263	128,106	6,104,497	2,660,669	1,669,976	1,240,131	35,884	-
Contractual maturity								
mismatch		17,375,122	(8,582,024)	(28,587,939)	(7,293,202)	18,716,209	13,284,119	(10,253,852)
Cumulative contractual	-	11,010,122	(0,002,027)	(20,501,555)	(1,270,202)	10,710,207	10,207,117	(10,200,002)
maturity mismatch		17,375,122	8,793,098	(19,794,841)	(27,088,043)	(8,371,834)	4,912,285	(5,341,567)
	•	,,,	3,,	(=>,-> 1,0 11)	(=1,000,010)	(0,0.1,001)	.,, 12,230	(2,2 .2,2 01)

The definition of contractual maturity of this analysis follows the Completion Instruction in respect of Part 4 of Return on Liquidity Monitoring Tools issued by the HKMA.



As at 31 December 2021

Template L11: Differences between accounting and regulatory scopes of consolidation and mapping of financial statement categories with regulatory risk categories

As at 31 December 2021							
	HK\$'000						
(a)	(b)	(c)	(d)	(e)	(f)	(g)	
Carrying values	Carrying values		C	Carrying values of it	ems:		
as reported in published financial statements	under scope of regulatory consolidation	subject to credit risk framework	subject to counterparty credit risk framework	subject to the securitization framework	subject to market risk framework	not subject to capital requirements or subject to deduction from capital	
4,463,482	4,463,482	4,463,595	-	-	-	(113)	
779,806	779,806	780,000	-	-	_	(194)	
1,951,019	1,951,019	-	-	-	1,951,019	-	
, ,		225	722,830	-	<u> </u>	-	
60,143,187	60,143,187	59,551,747	834,982	-	-	(243,542)	
1,060,757	1,060,757	1,064,294	-	-	-	(3,537)	
1,390,335	1,352,605	1,315,824	36,781	-	-	-	
43,109,311	43,109,311	43,164,636	-	-	-	(55,325)	
783,682	783,682	783,682	-	-		_	
-	8,562	8,562	-	-	-	-	
-	72,307	72,307	-	-	-	-	
3,696,161	3,696,161	3,696,161	-	-	-	-	
14,000	14,000	14,000	-	-	-	-	
84	-	-	-	<u>-</u>	-	-	
118,114,879	118,157,934	114,915,033	1,594,593	-	2,354,257	(302,711)	
	Carrying values as reported in published financial statements  4,463,482  779,806 1,951,019 723,055 60,143,187 1,060,757 1,390,335  43,109,311  783,682  3,696,161 14,000 84	Carrying values as reported in published financial statements         Carrying values under scope of regulatory consolidation           4,463,482         4,463,482           779,806         779,806           1,951,019         1,951,019           723,055         723,055           60,143,187         60,143,187           1,060,757         1,060,757           1,390,335         1,352,605           43,109,311         43,109,311           783,682         783,682           -         8,562           -         72,307           3,696,161         3,696,161           14,000         14,000           84         -	(a) (b) (c)  Carrying values as reported in published financial statements  4,463,482  4,463,482  4,463,482  4,463,482  4,463,482  4,463,595  779,806  779,806  779,806  779,806  779,806  779,806  779,806  780,000  1,951,019  1,951,019  - 723,055  723,055  723,055  60,143,187  60,143,187  1,060,757  1,060,757  1,064,294  1,390,335  1,352,605  1,315,824  43,109,311  43,109,311  43,109,311  43,164,636  783,682  - 8,562  - 72,307  72,307  3,696,161  14,000  14,000  84	(a)         (b)         (c)         (d)           Carrying values as reported in published financial statements         Carrying values under scope of regulatory consolidation         subject to credit risk framework         subject to credit risk framework           4,463,482         4,463,482         4,463,595         -           779,806         779,806         780,000         -           1,951,019         1,951,019         -         -           723,055         723,055         225         722,830           60,143,187         60,143,187         59,551,747         834,982           1,060,757         1,060,757         1,064,294         -           1,390,335         1,352,605         1,315,824         36,781           43,109,311         43,109,311         43,164,636         -           783,682         783,682         783,682         -           -         8,562         8,562         -           -         72,307         72,307         -           3,696,161         3,696,161         3,696,161         -           14,000         14,000         14,000         -           -         -         -         -	(a)         (b)         (c)         (d)         (e)           Carrying values as reported in published financial statements         Carrying values under scope of regulatory consolidation         subject to credit risk framework         subject to credit risk framework         subject to to counterparty credit risk framework         subject to credit risk framewor	Carrying values as reported in published financial statements	



As at 31 December 2021

Template LI1: Differences between accounting and regulatory scopes of consolidation and mapping of financial statement categories with regulatory risk categories (continued)

		As at 31 December 2021							
		HK\$'000							
	(a)	(b)	(c)	(d)	(e)	(f)	(g)		
				Ca	rrying values of iter	ns:			
	Carrying values as reported in published financial statements	Carrying values under scope of regulatory consolidation	subject to credit risk framework	subject to counterparty credit risk framework	subject to the securitization framework	subject to market risk framework	not subject to capital requirements or subject to deduction from capital		
Liabilities									
Deposits and balances of banks									
and other financial institutions	8,378,889	8,378,889	-	6,420,232	-	-	1,958,657		
Deposits from customers	84,420,922	84,420,922	-	-	-	-	84,420,922		
Trading liabilities	1,951,043	1,951,043	-	-	-	1,951,043	-		
Certificates of deposit issued	3,860,688	3,860,688	-	-	-	-	3,860,688		
Debt securities issued	2,062,439	2,062,439	-	-	-	-	2,062,439		
Derivative financial instruments	399,267	399,267	-	399,145	-	14,445	-		
Other liabilities	1,762,164	1,749,514	-	183,933	-	-	1,565,581		
Amounts due to subsidiaries	-	210,890	-	-	-	-	210,890		
Deferred tax liabilities	527,839	527,839	-	-	-	-	527,839		
Total liabilities	103,363,251	103,561,491	-	7,003,310	-	1,965,488	94,607,016		



As at 31 December 2021

## Template L12: Main sources of differences between regulatory exposure amounts and carrying values in financial statements

		As at 31 December 2021					
		<u>.</u>		HK\$'000			
		(a)	(b)	(c)	(d)	(e)	
				Items su	bject to:		
		Total	credit risk	securitization	counterparty credit	market risk	
			framework	framework	risk framework	framework	
1	Asset carrying value amount under scope of						
	regulatory consolidation (as per Template LI1)	118,460,645	114,915,033	-	1,594,593	2,354,257	
2	Liabilities carrying value amount under regulatory						
	scope of consolidation (as per Template LI1)	8,954,475	-	-	7,003,310	1,965,488	
3	Total net amount under regulatory scope of						
	consolidation	109,506,170	114,915,033	-	(5,408,717)	388,769	
4	Off-balance sheet amounts	31,725,222	1,250,942	-	-	-	
5	Reclassification of other liabilities	854	854	-	-	-	
N	Exposure amounts considered for regulatory						
	purposes	141,232,246	116,166,829	-	(5,408,717)	388,769	



#### Table LIA: Explanations of differences between accounting and regulatory exposure amounts

- (a) The differences between column (a) and column (b) of Template LI1 are due to difference in consolidation basis by the Bank with its subsidiaries.
- (b) The main driver for the differences between accounting values and amounts considered for regulatory purposes is the application of CCFs on off-balance sheet amounts.
- (c) The Group established Guideline: Market Risk Valuation to govern the valuation process. Generally, the valuation can be separated to Mark-to-Market and Mark-to-Model.

Mark-to-market is a methodology for valuation of the position based on market closing prices sourced independently. Quoted prices in active markets must be used when available as they are considered the best basis on which to determine fair value. When obtaining fair market price for mark-to-market, whenever it is applicable, the data transparency, liquidity, and the prudent side of the bid-ask should be considered. When mark-to-market quotations are not be available, mark-to-model methodology should be used.

Mark-to-model is a valuation model conducted with data deriving from market data input. This valuation model could be an external model or an in-house developed model. When calculating fair market price using the mark-to-model method, the suitability, coverage, limitations of the model, and the consistence and completeness of the market input used need to be considered.

The Group's Market Risk Management department ("MRM") has established an independent price verification ("IPV") process through which market prices and model inputs used for mark-to-market and mark-to-model purposes are verified for their appropriateness and accuracy on a quarterly basis and the result will be reported to the ALCO. In consideration of the complexity and liquidity of various products, MRM has set up internal alert thresholds for validating the valuations of different products. These internal alert thresholds and any subsequent amendments reflecting variance of the price difference must be endorsed by the Head of MRM.

MRM is also responsible to produce a "Market Risk Valuation Adjustment Report" that describes the IPV results and report any valuation adjustment case to the ALCO on quarterly basis. In the valuation adjustment, if any, the market data input (the correctness and update of the market data) and the model risk (the appropriateness of the model use) would be considered to assess the adjustment is needed or not. The report needs to be reviewed and approved by the ALCO.



#### As at 31 December 2021

#### Table CRA: General information about credit risk

Credit risk is the risk of suffering financial loss in the event that the Group's customers or counterparties fail to fulfil their obligations to the Group. It arises mainly from advances to customers, debt securities held and counterparty credit risk arising from derivative contracts entered into with customers or counterparties. It can also arise from trading and treasury activities.

The Group manages credit risk through a framework of controls to ensure credit risk taking activities are based on sound principles and in line with the overall business objectives of the Group. It has established a set of credit policies and procedures which define credit risk taking criteria, credit approval authorities delegated from the Board, credit monitoring processes, credit rating and scoring systems and loan impairment criteria.

The Board has delegated credit approval authorities to the following committees in descending order of authority: the ECC, the CC and the WCC.

The ECC serves as the credit committee of the Board to review and approve credits that require the approval of the Board. In addition, it approves the Group's credit policies and credit risk profile, taking into consideration relevant law and regulations.

The CC is a management level committee that provides management oversight of the Group's credit risk management. It ensures that the Group has in place an effective credit risk management framework and that its credit risks are within the credit policies and credit risk profile as specified by the Board or its delegated committees. The CC reviews and endorses credit policies and credit risk profile for the ECC's approval, and reviews and approves credit related guidelines. It also conducts on-going review of the market environment and makes necessary policy recommendations to the ECC to ensure that the credit risk profile of the Group is within its risk appetite. The CC also reviews and approves credits that are within its authority as delegated by the Board.

The WCC reviews and approves corporate credits that are within its authority as delegated by the Board.

The credit risk units, Enterprise Credit Risk Management Department, Special Assets Management Department and Retail Credit Risk Oversight & Data Analytics Team, provide centralized management of credit risk for corporate credits and retail credits respectively. They are responsible for:

- independent evaluation of corporate credit applications;
- monitoring loan portfolio and conducting regular analysis;
- managing problem corporate credits to achieve the highest recovery;
- recommending loan classification, impairment and charge-off; and
- reporting to the CC and ECC regularly on aspects of the loan portfolio.

Compliance reviews are conducted by an independent unit on an ongoing basis to ensure compliance with applicable laws and regulations, standards, guidelines and codes of practices. The internal audit function of the Group is an independent appraisal function set up with the primary objective of evaluating the internal control system and compliance with laws, regulatory guidelines and internal control policies.

Credit risk limits are set at different levels, including portfolio and individual customer levels, taking into consideration various factors including market situation, capital requirement and the returns.

Credit risk management procedures are designed to promote early detection of customer, industry or product exposures that require special monitoring. Overall portfolio risk is monitored on an on-going basis. Regular risk management reports covering information on large exposures, country exposures, industry exposures, loan quality and loan impairment level are submitted to the CC, ECC and RC.



### As at 31 December 2021

#### **Table CRA:** General information about credit risk (continued)

The COVID-19 outbreak in 2020 has posted serious challenges to the business community. In response, the Group has supported the industry-wide relief programme called "Pre-approved Principal Payment Holiday Scheme" initiated by the HKMA launched in May 2020, entailing an up to 90-day tenor extension for trade facilities and up to 6-month principal payment holiday for other loans; and the special 100% Loan Guarantee under the SME Financing Guarantee Scheme launched in April 2020. These initiatives were to support the immediate cash flow and liquidity of our corporate customers, without increasing our overall exposure to them. Eligible customers need to meet prescribed eligibility criteria to ensure that these customers were not under signs of stress before the COVID-19 outbreak. They are proactive measures to deal with the COVID-19 situations, rather than distressed restructuring.

Specific policies and measures to address different kinds of credit related activities are set out below:

#### (i) Institutional Banking

Credit risk from Institutional Banking is managed by conducting thorough credit evaluation, credit mitigation through collateral and guarantee, internal credit rating system and post-approval monitoring system. Subject to the size of the credit, value of collateral and the internal credit rating of the customer, different levels of credit approval authority are required. Credit decisions take into account facility structure, tenor, repayment ability of the obligor and credit mitigation through collateral and guarantee.

The Group has established limits for credit exposure to individual industry and customer groups, regardless of whether the credit exposure is funded or non-funded. The Group also undertakes ongoing credit review and monitoring at several levels. The relevant policies and procedures take into account the rules under the HKBO, regulatory requirements of the HKMA and best market practices.

#### (ii) Retail Banking

Credit risk from Retail Banking is product driven, arising from retail loan products such as credit cards, unsecured personal loans, merchant receivable financing, mortgage loans and loans secured by wealth management products. Because of the homogeneous nature of these products, credit risk management is primarily based on statistical analyses of risks with respect to different types of product, collateral and customer. The Group determines product terms and desired customer profiles on a regular basis by developing, validating and fine-tuning internal scorecards and stress testing models.

### (iii) Counterparty credit risk

Unlike on-balance sheet instruments, where the credit risk is generally represented by the principal value of loans or other financial instruments, counterparty credit risk means counterparty default risk, credit valuation adjustment risk and settlement risk. Counterparty credit risk exposure means an exposure to counterparty credit risk, which involves situation in which the Group enters into a derivatives or non-same day spot foreign currency exchange settlement transaction with a counterparty which may subsequently fail to meet its obligations on or before the final settlement of the transactions. These credit exposures are managed as part of the overall credit limits to the counterparties and central clearing counterparty. In evaluating the credit risk associated with counterparty, financial strength is always the primary considerations. The credit risk exposure on derivatives is disclosed in Note 16(b) to the Group's consolidated financial statements. The Group uses the SA-CCR approach for the purpose of providing capital for such counterparty exposures.



#### As at 31 December 2021

#### **Table CRA:** General information about credit risk (continued)

#### (iii) Counterparty credit risk (continued)

Wrong way risk occurs when the credit exposure to a counterparty is adversely correlated with the credit quality of that counterparty. Credit exposures and potential losses may increase as a result of adverse change in market conditions. The Group has set up policies and procedures to control both general and specific wrong-way risk.

### (iv) Credit related commitments

The risks involved in credit related commitments and contingencies are essentially the same as the credit risk involved in extending loans to customers. These transactions are, therefore, subject to the same credit application, portfolio management and collateral requirements as for loan transactions.

#### (v) Concentration of credit risk

Concentration of credit risk exists when changes in geographic, economic or industry factors similarly affect groups of customers or counterparties whose aggregate credit exposure is material in relation to the Group's total exposures. The Group's financial risk exposure is diversified by customer group, industry and product, but is concentrated in Hong Kong.



As at 31 December 2021

### **Template CR1: Credit quality of exposures**

			As at 31 December 2021 HK\$'000								
		(a)	(b)	(c)	(d)	(e)	(f)	(g)			
		Gross carrying amounts of			Of which ECL accounting provisions for credit losses on STC approach exposures		Of which ECL accounting provisions for				
		Defaulted exposures	Non- defaulted exposures	Allowances/ impairments	Allocated in regulatory category of specific provisions	Allocated in regulatory category of collective provisions	credit losses on IRB approach exposures	Net values (a+b-c)			
1	Loans	502,991	60,135,780	495,584	252,042	243,542	Not applicable	60,143,187			
2	Debt securities	-	43,164,636	55,325	-	55,325	Not applicable	43,109,311			
3	Off-balance sheet exposures	-	2,526,485	33,150	-	33,150	Not applicable	2,493,335			
4	Total	502,991	105,826,901	584,059	252,042	332,017	Not applicable	105,745,833			

### **Template CR2: Changes in defaulted loans and debt securities**

		As at 31 December 2021
		(a)
		HK\$'000
1	Defaulted loans and debt securities at end of the previous reporting period	577,023
2	Loans and debt securities that have defaulted since the last reporting period ( <i>Note 1</i> )	270,585
3	Returned to non-defaulted status	(16,137)
4	Amounts written off (Note 2)	(300,775)
5	Other changes (Note 3)	(27,705)
6	Defaulted loans and debt securities at end of the current reporting period	502,991

Note 1: The increase in defaulted loans and debt securities is mainly attributable to the increase in impaired advances to corporate customers.

Note 2: Amounts written off represents loans to customers charged off during the current reporting period.

Note 3: Other changes mainly represents repayment received during the current reporting period.



### Table CRB: Additional disclosure related to the credit quality of exposures

Past due exposures, which represent exposures that have become overdue as of the reporting date, are disclosed in Note 35(a) to the Group's consolidated financial statements and the below tables. The Group classified its exposures in accordance with the loan classification system and considered the exposures as impaired exposures if they are classified as "substandard", "doubtful" or "loss". There are no differences on the definition of past due exposures and impaired exposures between accounting purposes and regulatory disclosures purposes.

Loans and advances that are past due for more than 90 days but are not impaired amounted to HK\$44,772,000 as of 31 December 2021. The Group considered such exposures not to be impaired as all outstanding principal and accrued interest is fully secured by collateral.

The carrying amount of the Group's assets are reviewed at the end of each reporting period to determine whether there is objective evidence of impairment. If any objective evidence that assets are impaired includes observable data that has an impact on the future cash flows of assets comes to the attention of the Group, the carrying amount is generally reduced to the estimated recoverable amount by means of a charge to profit or loss.

The approach and treatment of impairment allowances of different types of assets are elaborated in the Group's accounting policy on impairment allowances (Note 2(p) to the Group's consolidated financial statements).

Rescheduled loans and advances are those loans and advances which have been restructured or renegotiated because of deterioration in the financial position of the borrower, or of the inability of the borrower to meet the original repayment schedule and for which the revised repayment terms are non-commercial to the Group.



As at 31 December 2021

# Table CRB: Additional disclosure related to the credit quality of exposures (continued)

Breakdown of exposures by geographical areas and industry is disclosed for segment which constitutes more than 10% of the Group's total RWA for credit risk only. Other segments which constitutes less than 10% of the Group's total RWA for credit risk are disclosed on an aggregate basis under the category "others".

# Breakdown of exposures by geographical areas

		As at 31 December 2021 HK\$'000								
	Hong Kong	Hong Kong China Others								
Loans	52,270,674	5,988,751	2,379,346	60,638,771						
Debt securities	20,855,900	10,923,987	11,384,749	43,164,636						
Off-balance sheet exposures	2,188,458	320,908	17,119	2,526,485						
Total	75,315,032	75,315,032 17,233,646 13,781,214 106,32								

# Breakdown of exposures by industries

		As at 31 December 2021 HK\$'000									
	Property development	Property investment	Purchase of residential properties	Electricity and gas	Banking Sector	Others	Total				
Loans	6,067,180	10,401,768	11,677,085	2,004,803	1	30,487,935	60,638,771				
Debt securities	6,372,850	1,454,150	-	7,978,836	8,188,517	19,170,283	43,164,636				
Off-balance sheet exposures	649,722	54,716	-	_	-	1,822,047	2,526,485				
Total	13,089,752	11,910,634	11,677,085	9,983,639	8,188,517	51,480,265	106,329,892				

# Breakdown of exposures by residual maturity

		As at 31 December 2021									
		HK\$'000									
	1 month or										
	less	Over 1	Over 3	Over 6							
	(include	month but	months but	months but	Over 1 year						
	overdue	within 3	within 6	within 1	but within 5	Over 5					
	exposures) months months year years year										
Loans	13,596,155	4,461,427	3,600,916	5,051,965	20,668,324	13,259,984	60,638,771				
Debt											
securities	3,639,560	3,457,296	2,729,551	3,909,141	23,243,586	6,185,502	43,164,636				
Off-balance											
sheet											
exposures	59,057	210,582	222,771	331,600	1,667,057	35,418	2,526,485				
Total	17,294,772	8,129,305	6,553,238	9,292,706	45,578,967	19,480,904	106,329,892				

As at 31 December 2021

# Table CRB: Additional disclosure related to the credit quality of exposures (continued)

# Breakdown of impaired exposures by geographical areas

		As at 31 December 2021 HK\$'000							
	Hong Kong	China	Total						
Loans	242,219	216,000	458,219						
Debt securities	-	-	-						
Off-balance sheet exposures	-	-	-						
Total	242,219 216,000 458,2								

# Breakdown of impaired exposures by industries

	As at 31 December 2021 HK\$'000								
	Wholesale and retail trade								
Loans	229,269	216,000	8,130	2,811	2,009	458,219			
Debt securities	-	-	-		-	-			
Off-balance sheet exposures	-	-							
Total	229,269	216,000	8,130	2,811	2,009	458,219			

# Breakdown of allowances for impaired exposures by geographical areas

		As at 31 December 2021 HK\$'000							
	Hong Kong	China	Total						
Loans	142,322	109,720	252,042						
Debt securities	-	-	-						
Off-balance sheet exposures	-	-	-						
Total	142,322	109,720	252,042						

# Breakdown of allowances for impaired exposures by industries

		As at 31 December 2021 HK\$'000								
	Wholesale and Electricity and Credit card retail trade gas advances Others									
Loans	139,271	109,720	2,530	521	252,042					
Debt securities	-	-	-	-	-					
Off-balance sheet exposures	-	-								
Total	139,271	139,271 109,720 2,530 521 252,042								



# **Table CRB:** Additional disclosure related to the credit quality of exposures (continued)

# Aging analysis of accounting past due exposures

		As at 31 December 2021 HK\$'000					
	Overdue 3 months	Overdue 6 months or less but over 3					
	or less	months	Total				
Loans	329,979	44,772	374,751				
Debt securities	-	-	-				
Off-balance sheet exposures							
Total	329,979	44,772	374,751				

# Breakdown of restructured exposures, between impaired and not impaired exposures

	As	As at 31 December 2021 HK\$'000								
		Non-impaired	Total restructured							
	Impaired exposures	exposures	exposures							
Loans	2,023	10,096	12,119							
Debt securities	-	-	-							
Off-balance sheet exposures										
Total	2,023	2,023 10,096 12,119								

The exposure amounts present in the above tables represent its gross carrying amount.



As at 31 December 2021

#### Table CRC: Qualitative disclosures in relation to credit risk mitigation

The Group's credit evaluation focuses primarily on the obligor's repayment ability from its cash flow and financial condition. In addition, the Group employs various credit risk mitigation techniques such as appropriate facility structuring, posting of collateral and/or third party support as well as transfer of risk to other third parties, which form an integral part of the credit risk management process. There is immaterial credit and market risk concentration within the credit risk mitigations used by the Group. The most commonly used credit risk mitigation measures are provided below:

#### **Collateral**

The Group holds collateral against its credit exposures to customers mainly in the form of cash deposits, marketable securities, mortgage interests over properties and guarantees. The Group also has in place policies and procedures that govern the assessment, acceptance and the periodic valuation of the collateral. Collateral taken to secure credit exposures is revalued periodically ranging from daily to annually depending on the type of collateral. For treasury operations, collateral management is based on daily marked-to-market positions.

#### Master netting agreements

Collateral generally is not held over credit exposures to banks, except for securities held as part of reverse repurchase and securities borrowing activities. However, where applicable, the Group manages its credit exposures to banks by entering into master netting arrangements whenever it is appropriate and feasible to do so. The netting arrangement results in the settlement of counterparty exposure on a net basis in the event a default occurs.

The Group's preferred agreement for documenting derivative activity is the ISDA Master Agreement which covers the contractual framework within which dealing activity across a full range of over-the-counter derivative products is conducted and contractually binds both parties to apply close-out netting across all outstanding transactions covered by such agreement if either party defaults or upon the occurrence of other pre-agreed termination events.

It is also common for the Group to execute a Credit Support Annex with counterparties in conjunction with the ISDA Master Agreement to mitigate the market risk inherent in derivative transactions.

#### Central clearing

The Group makes use of central clearing, whenever possible, to mitigate counterparty credit risk. The Group has developed its own credit assessment framework to evaluate the parties involved in the central clearing.

### Other credit risk mitigation measures

The Group may also employ other types of credit mitigation, such as guarantees and letters of credit, mainly for corporate exposures. As the value of these types of collateral is conditional upon other credit related factors, their financial effect has not been quantified.



# Template CR3: Overview of recognized credit risk mitigation

			A	s at 31 December 20	021	
				HK\$'000		
		(a)	(b1)	(b)	(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
1	Loans	57,847,895	2,295,292	471,106	1,824,186	-
2	Debt securities	41,369,825	1,739,486	-	1,739,486	-
3	Total 99,217,72		4,034,778	471,106	471,106 3,563,672	
4	Of which defaulted (Note 1)	151,552	99,397	87,310	12,087	-

Note 1: The increase is attributable to the increase in impaired advances to corporate customers

### Table CRD: Qualitative disclosures on the use of ECAI ratings under the STC approach

The Group uses credit ratings from Moody's Investors Service and Standard and Poor's Rating Services to determine the risk-weight of the following exposure classes for credit risk under STC approach according to Part 4 of the Banking (Capital) Rules:

- (i) Sovereign;
- (ii) Public sector entity;
- (iii) Bank;
- (iv) Securities firm;
- (v) Corporate; and
- (vi) Collective investment scheme.

An exposure under exposure classes (i) to (vi) that consist of a debt obligation issued or undertaken by any person or an interest in a collective investment scheme, where the exposure has one or more than one ECAI issue specific rating, the Group:

- (a) if the exposure has only one ECAI issue specific rating, uses that rating;
- (b) if the exposure has two or more ECAI issue specific ratings the use of which would result in the allocation of different risk-weights to the exposure, uses any one of those ratings except the one which would result in the allocation of the lowest of those different risk-weights.



### Table CRD: Qualitative disclosures on the use of ECAI ratings under the STC approach (continued)

Where an exposure under exposure classes (i) to (v) does not have an ECAI issue specific rating, and the person to whom the Group has the exposure has an ECAI issuer rating but does not have a long-term ECAI issue specific rating assigned to a debt obligation issued or undertaken by the person, the Group:

- (a) uses the ECAI issuer rating if the use of the ECAI issuer rating would result in the allocation of a risk-weight to the exposure that would be equal to, or higher than, the risk-weight allocated to the exposure on the basis that the person has neither an ECAI issuer rating nor an ECAI issue specific rating assigned to a debt obligation issued or undertaken by the person. The ECAI issuer rating is only applicable to unsecured exposures to the person as an issuer that are not subordinated to other exposures to that person; and the exposure to the person ranks equally with, or is subordinated to, the unsecured exposures referred to above;
- (b) uses the ECAI issuer rating if the use of the ECAI issuer rating would result in the allocation of a risk-weight to the exposure that would be lower than the risk-weight allocated to the exposure on the basis that the person has neither an ECAI issuer rating nor an ECAI issue specific rating assigned to a debt obligation issued or undertaken by the person. The ECAI issuer rating is only applicable to unsecured exposures to the person as an issuer that are not subordinated to other exposures to that person; and the exposure to the person is not subordinated to other exposures to the person as an issuer.



As at 31 December 2021

# Template CR4: Credit risk exposure and the effects of recognized credit risk mitigations

				As at 31 De	ecember 2021		
		(a)	(b)	(c)	(d)	(e)	(f)
		Exposures pre-C	Exposures pre-CCF and pre-CRM		CF and post-CRM	RWA and R	WA density
	Exposure classes	On-balance sheet amount HK\$'000	Off-balance sheet amount HK\$'000	On-balance sheet amount HK\$'000	Off-balance sheet amount HK\$'000	RWA HK\$'000	RWA density %
1	Sovereign exposures	6,343,167	-	8,011,964	-	68,668	0.86%
2	PSE exposures	3,201,325	-	3,751,299	22,261	614,145	16.27%
2a	Of which: domestic PSEs	2,148,442	-	2,698,416	22,261	544,135	20.00%
2b	Of which: foreign PSEs	1,052,883	-	1,052,883	-	70,010	6.65%
3	Multilateral development bank exposures	4,992,710	-	4,992,710	-	-	-
4	Bank exposures	7,900,112	-	6,869,912	-	2,323,183	33.82%
5	Securities firm exposures	200,037	-	200,037	-	100,019	50.00%
6	Corporate exposures	67,196,245	14,167,109	66,263,919	1,121,495	55,585,039	82.49%
7	CIS exposures	70,525	214,371	70,525	107,186	177,711	100.00%
8	Cash items	209,017	-	592,813	-	20,783	3.51%
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	3,758,242	17,299,221	3,663,758	-	2,747,819	75.00%
11	Residential mortgage loans	14,837,020	44,521	14,336,596	-	6,045,742	42.17%
12	Other exposures which are not past due exposures	5,874,516	-	5,829,383	-	5,829,383	100.00%
13	Past due exposures (Note1)	251,741	-	251,741	-	317,500	126.12%
14	Significant exposures to commercial entities	-	-	-	-	-	-
15	Total	114,834,657	31,725,222	114,834,657	1,250,942	73,829,992	63.60%

Note 1: The increase in RWA and RWA density is attributable to the increase in unsecured impaired advances to customers risk-weighted at 150%.



As at 31 December 2021

Template CR5: Credit risk exposures by asset classes and by risk weights

<u>r cmp</u>	mate CR5: Credit risk exposures by assi	et classes a	na by	TISH WEIG	<u> </u>	As at	31 Decemb	her 2021				
						715 40	HK\$'000					
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(ha)	(i)	(j)
	Risk Weight Exposure class	0%	10%	20%	35%	50%	75%	100%	150%	250%	Others	Total credit risk exposures amount (post CCF and post CRM)
1	Sovereign exposures	7,668,623	-	343,341	-	-	-	-	-	-	-	8,011,964
2	PSE exposures	767,405	-	2,963,107	-	43,048	-	-	-	-	-	3,773,560
2a	Of which: domestic PSEs	-	-	2,720,677	-	-	-	-	-	-	-	2,720,677
2b	Of which: foreign PSEs (Note 1)	767,405	-	242,430	-	43,048	-	-	-	-	-	1,052,883
3	Multilateral development bank exposures	4,992,710	-	-	-	-	-	-	-	-	-	4,992,710
4	Bank exposures	-	-	3,705,913	-	3,163,999	-	-	-	-	-	6,869,912
5	Securities firm exposures	-	-	-	-	200,037	-	-	-	-	-	200,037
6	Corporate exposures	-	-	2,105,024	-	20,232,711	-	45,047,679	-	-	-	67,385,414
7	CIS exposures	-	-	-	-	-	-	177,711	-	-	-	177,711
8	Cash items	488,898	-	103,915	-	-	-	-	-	-	-	592,813
9	Exposures in respect of failed delivery on transactions entered into on a basis other than a delivery-versus-payment basis	-	1	-	-	-	-	-	-	-	-	-
10	Regulatory retail exposures	-	-	-	-	-	3,663,758	-	-	_	_	3,663,758
11	Residential mortgage loans	-	-	-	12,239,580	-	1,340,509	756,507	-	-	-	14,336,596
12	Other exposures which are not past due exposures	-	-	-	-	-	-	5,829,383	-	-	-	5,829,383
13	Past due exposures (Note 2)	-	-	12,087	-	-	-	88,797	150,857	-	-	251,741
14	Significant exposures to commercial entities	-	-	-	-	-	-	-	-	-	-	-
15	Total	13,917,636	-	9,233,387	12,239,580	23,639,795	5,004,267	51,900,077	150,857	-	-	116,085,599

Note 1: The increase in 50% risk weight is attributable to the increase in foreign PSE exposures in Mainland China.

Note 2: The increase in 150% risk weight is mainly attributable to the increase in impaired advances to corporate customers.



As at 31 December 2021

# <u>Table CCRA:</u> Qualitative disclosures related to counterparty credit risk (including those arising from clearing through CCPs)

Unlike on-balance sheet instruments, where the credit risk is generally represented by the principal value of loans or other financial instruments, credit risk for counterparties of derivatives is the positive replacement cost together with an estimate for the potential future exposure from changes in market value. These credit exposures are managed as part of the overall credit limits to the counterparties. The credit risk exposure on derivatives is disclosed in Note 16(b) to the Group's consolidated financial statements. The Group uses the SA-CCR approach for the purpose of providing capital for such counterparty exposures.

Wrong way risk occurs when the credit exposure to a counterparty is adversely correlated with the credit quality of that counterparty. Credit exposures and potential losses may increase as a result of adverse change in market conditions. The Group has set up policies and procedures to control wrong-way risk.

The counterparty credit risk mitigation refers to Table CRC.

Under the terms of our current collateral obligations under derivative contracts, we estimate based on the positions as at 31 December 2021 that the Group would not be required to post additional collateral in the event of one notch downgrade in the Group's credit ratings.

# Template CCR1: Analysis of counterparty default risk exposure (other than those to CCPs) by approach

		As at 31 December 2021						
		(a)	(b)	(c)	(d)	(e)	(f)	
		Replacement cost (RC)	PFE	Effective EPE	Alpha (α) used for computing default risk exposure	Default risk exposure after CRM	RWA	
		HK\$'000	HK\$'000			HK\$'000	HK\$'000	
1	SA-CCR (for derivative contracts) ( <i>Note 1</i> )	200,295	141,869		1.4	479,030	172,358	
1a	CEM	-	-		1.4	-	-	
2	IMM (CCR) approach			-	-	-	-	
3	Simple Approach (for SFTs) (Note 2)					1,134,500	606,926	
4	Comprehensive Approach (for SFTs)					-	-	
5	VaR (for SFTs)					-	-	
6	Total						779,284	

Note 1: The replacement cost, default risk exposure and hence RWA increased as compared with the previous reporting period due to the increase in exposures with counterparties covered by recognized netting in respect of the Bank's derivative contracts between the current and previous reporting periods.

Note 2: The decrease in default risk exposure and RWA is attributable to the decrease in exposures under margin financing transactions



**Template CCR2:** CVA capital charge

		As at 31 December 2021		
		(a)	(b)	
		EAD post CRM	RWA	
		HK\$'000	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	589,965	13,813	
4	Total	589,965	13,813	

The decrease in CVA capital charge is mainly because the average external credit rating of counterparties of the Bank's derivative contracts is higher than that of the previous reporting period.



As at 31 December 2021

# Template CCR3: Counterparty default risk exposures (other than those to CCPs) by asset class and by risk weights

			As at 31 December 2021 HK\$'000									
		(a)	(b)	(c)	(ca)	(d)	(e)	(f)	(g)	(ga)	(h)	(i)
	Risk Weight Exposure class	0%	10%	20%	35%	50%	75%	100%	150%	250%	Others	Total default risk exposure after CRM
1	Sovereign exposures	-	-	-	-	-	-	_	-	-	_	-
2	PSE exposures	-	-	-	-	-	-	-	-	-	-	-
2a	Of which: domestic PSEs	-	-	-	-	-	-	-	-	-	-	-
2b	Of which: foreign PSEs	-	-	-	-	-	-	-	-	-	-	-
3	Multilateral development bank exposures	-	-	-	-	-	-	-	-	-	-	-
4	Bank exposures	-	-	467,258	-	173,947	-	-	-	-	-	641,205
5	Securities firm exposures	-	-	-	-	712,723	-	-	-	-	-	712,723
6	Corporate exposures	-	-	-	-	2,409	-	18,477	-	-	-	20,886
7	CIS exposures	-	-	-	-	-	-	-	-	-	-	-
8	Regulatory retail exposures	-	-	-	-	-	63,600	-	-	-	-	63,600
9	Residential mortgage loans	-	-	-	-	-	-	-	-	-	-	-
10	Other exposures which are not past due exposures	-	-	-	-	-	-	175,116	-	-	-	175,116
11	Significant exposures to commercial entities	-	-	-	-	-	-	-	-	-	-	-
12	Total	-	-	467,258	-	889,079	63,600	193,593	-	-	-	1,613,530



As at 31 December 2021

# Template CCR5: Composition of collateral for counterparty default risk exposures (including those for contracts or transactions cleared through CCPs)

	As at 31 December 2021 HK\$'000							
	(a)	(b)	(e)	(f)				
		Derivative	contracts		SF	Ts		
		ue of recognized Fair value of posted teral received collateral			Fair value of	Fair value		
	Segregated	Unsegregated	Segregated	Unsegregated	recognized collateral received	of posted collateral		
Cash - domestic currency	90,515	121,815	-	401,823	6,420,232	852,757		
Cash - other currencies	-	-	-	-	-	-		
Domestic sovereign debt	-	-	-	-	-	-		
Other sovereign debt	-	-	-	-	-	-		
Government agency debt	-	-	-	-	-	-		
Corporate bonds	_	-	-	73,652	-	6,705,494		
Equity securities	-	-	-	-	-	-		
Other collateral	-	-	-	-	-	-		
Total	90,515	6,420,232	7,558,251					

The Bank started to post corporate bonds as collateral in respect of the Bank's derivative transactions during the current reporting period. The decrease in cash collateral posted is due to the movement of market value of the Bank's derivative contracts as of the reporting date.

# **Template CCR6:** Credit-related derivatives contracts

	As at 31 December 2021 HK\$'000		
	(a) (b)		
	Protection bought	Protection sold	
Notional amounts			
Single-name credit default swaps	-	-	
Index credit default swaps	-	-	
Total return swaps	-	-	
Credit-related options	-	-	
Other credit-related derivative contracts	-	-	
Total notional amounts	-	-	
Fair values			
Positive fair value (asset)	-	-	
Negative fair value (liability)	-	-	



**Template CCR8: Exposures to CCPs** 

		As at 31 Dec HK\$	
		(a)	(b)
		Exposure after CRM	RWA
1	Exposures of the AI as clearing member or client to qualifying CCPs (total)		10,870
2	Default risk exposures to qualifying CCPs (excluding items disclosed in rows 7 to 10), of which:	543,492	10,870
3	(i) OTC derivative transactions	543,492	10,870
4	(ii) Exchange-traded derivative contracts	-	-
5	(iii) Securities financing transactions	-	-
6	(iv) Netting sets subject to valid cross-product netting agreements	-	-
7	Segregated initial margin	-	
8	Unsegregated initial margin	-	-
9	Funded default fund contributions	-	-
10	Unfunded default fund contributions	-	-
11	Exposures of the AI as clearing member or client to non-qualifying CCPs (total)		-
12	Default risk exposures to non-qualifying CCPs (excluding items disclosed in rows 17 to 20), of which:	-	-
13	(i) OTC derivative transactions	-	-
14	(ii) Exchange-traded derivative contracts	-	-
15	(iii) Securities financing transactions	-	-
16	(iv) Netting sets subject to valid cross-product netting agreements	-	-
17	Segregated initial margin	-	
18	Unsegregated initial margin	-	-
19	Funded default fund contributions		-
20	Unfunded default fund contributions	1	-



### Table MRA: Qualitative disclosures related to market risk

Market risk arises on all market risk sensitive financial instruments, including securities, foreign exchange contracts, equity and other derivative instruments, as well as from the statement of financial position or structural positions. The Group transacts in the money market, foreign exchange market, equity market and capital market giving rise to market risk exposures. Positions are taken as a result of the execution of customers' orders, and market making activities, and offsetting transactions taken in order to hedge the Group's open position. The Group does not engage in significant proprietary trading.

The objective of market risk management is to avoid excessive exposure of earnings and equity to loss and to reduce the Group's exposure to the volatility inherent in financial instruments.

The Board reviews and approves policies for the management of market risks including dealing authorities and limits. The Board has delegated the responsibility for ongoing general market risk management to the ALCO. This committee articulates the interest rate view of the Group and decides on future business strategy with respect to interest rates. It also reviews and sets funding policy and ensures adherence to risk management objectives.

The Group has also established clear market risk policies, including limits, reporting lines and control procedures, which are reviewed regularly and approved by the Board. Market risk is managed within various limits approved by the Board. These limits are determined for each financial instrument and include limits on product volume, gross and net positions, position concentrations, mark to market limits, stop loss limits and risk position limits. These limits are reviewed and endorsed by the ALCO and approved by the Board at least annually. The regular limit monitoring is performed daily and the result is reported to the ALCO members. The risk exposures are also reported to the RC at least monthly.

The sale of derivatives to customers as risk management products and the subsequent use of derivatives to manage the resulting position is an integral part of the Group's business activities. These instruments are also used to manage the Group's own exposures to market risk as part of its asset and liability management process. The principal derivative instruments used by the Group are interest rate and foreign exchange rate related contracts, which are primarily over-the-counter derivatives. The Group also purchases exchange traded derivatives. Most of the Group's derivatives positions have been entered into to meet customer demand and to hedge these and other positions.

One of the tools used by the Group to monitor and limit market risk exposure is VaR. VaR is a technique that estimates the potential losses that could occur on risk positions as a result of movements in market rates and prices over a specified time horizon and to a given level of confidence. The calculation uses the historical simulation method as the means to estimate the statistical confidence level.

The VaR technique is only effective for potential loss events which are not correlated. The Group therefore augments its VaR limits with other positions and sensitivity limit structures. Additionally, the Group applies a wide range of sensitivity analysis and stress testing, both on individual portfolios and on the Group's consolidated positions to assess the potential impact on the Group's earnings as a result of extreme movements in market prices.



# **Template MR1:** Market risk under STM approach

		As at 31 December 2021 HK\$'000
		(a)
		RWA
	Outright product exposures	
1	Interest rate exposures (general and specific risk)	13,825
2	Equity exposures (general and specific risk)	-
3	Foreign exchange (including gold) exposures	46,175
4	Commodity exposures	-
	Option exposures	
5	Simplified approach	-
6	Delta-plus approach	-
7	Other approach	-
8	Securitization exposures	-
9	Total	60,000



As at 31 December 2021

# <u>Table IRRBBA:</u> <u>Interest rate exposures in banking book – risk management objectives</u> and policies

The Group defines interest rate risk in the banking book ("IRRBB") per requirement of HKMA SPM IR-1 "Interest Rate Risk in the Banking Book" updated by the HKMA in Dec 2018. IRRBB is defined as the risk to the Group's financial condition resulting from adverse movements in interest rates that affect the Group's banking book positions. Primary forms of IRRBB includes gap risk, basis risk and option risk.

### **IRRBB Management**

Policy and guideline on IRRBB are established by the Group with principles and standards consistent with SPM IR-1. The policy on IRRBB covers the Group's governance management framework, IRRBB management strategy to identify, monitor and control its IRRBB, and also the Group's IRRBB monitoring tools. The guideline on IRRBB covers the risk monitoring and reporting procedures in implementing the Group's IRRBB management strategy. These policy and guideline are both reviewed by the ALCO. The policy and guideline are approved by the RC and the ALCO respectively.

The RC reviews and approves the Group's risk appetite statement at least annually. The RC establishes the Group's overall risk appetite for IRRBB, which is articulated in terms of the risk to both economic value and earnings, risk management strategy, and oversee the implementation of the strategy. The ALCO oversees the Group's interest rate risk to ensure that the Group has an effective framework in place to manage its assets and liabilities and off-balance sheet exposures. Funding Desk Department manages IRRBB on a daily basis. Capital Management & ALCO Support Department ("CAL") is responsible for the day-to-day monitoring of IRRBB which includes risk measurement and assessment, limits monitoring and risk control, and reporting. CAL and MRM jointly monitor IRRBB exposures on a regular basis. Independent audit will be conducted periodically to ensure the policy and guideline on IRRBB are appropriate to support the Group's activities in this area and complies with the applicable legal and regulatory requirements, and to ensure IRRBB management is implemented properly.

Level of IRRBB exposures is managed and controlled through on-balance sheet and off-balance sheet adjustments, and use of hedging derivative instruments including future, options and swaps. Hedge accounting treatment under Hong Kong Financial Reporting Standard is actively applied to avoid fluctuation of profit and loss arising from mark-to-market of the hedging derivatives.

The Group monitors and controls its IRRBB with a set of monitoring tools consistent with its risk appetite. These include risk limits on economic value of equity ("EVE") decline under stressed scenarios and basic-point-value of banking book. There are also management alert triggers ("MAT") governing the size of interest rate re-pricing gap, hedging derivatives for banking book funding activities, and vulnerability of EVE and earnings to the Group's capital under stressed scenarios. All these risk limits and MATs are reviewed and approved by the RC and the ALCO respectively, and are reviewed at least annually to ensure its integrity, accuracy and reasonableness in response to changing market condition.

Risk control reports are prepared by CAL and MRM for the ALCO on a daily basis. Besides, risk reports are also prepared and submitted to the RC on a monthly basis.



As at 31 December 2021

# <u>Table IRRBBA:</u> <u>Interest rate exposures in banking book – risk management objectives and policies (continued)</u>

#### **IRRBB Management (continued)**

The Group also conducts stress testing on a monthly basis to measure the vulnerability of EVE and earnings in a variety of stressed conditions including the six HKMA standardized interest rate shock scenarios, scenarios with changes in the relationships between key market rates, and scenarios with significant residential loan prepayment. Results of stress tests are reviewed by the ALCO and monitored against established risk limits and MATs. The stress test programme is reviewed regularly, at least annually, and approved by the ALCO. The review covers the underlying assumptions used, IRRBB models and rationale behind to assess its continued appropriateness.

The IRRBB models, which include option pricing models and behavioural models, are applied on measurement of IRRBB exposures. IRRBB models are subject to initial and regular validation conducted by a party independent from model development. The models and subsequent modifications, results of model validation and any recommendation on the model usage are reviewed regularly, at least annually, and approved by the ALCO.

The Group maintains adequate capital for IRRBB and incorporate the Group's level of IRRBB into the process of internal assessment of capital adequacy. The Group also performs the assessment of interest rate risk in banking book in developing new product.

#### **IRRBB** Measurement

The Group measures impact on EVE and earnings according to the HKMA's standardized framework with consideration of modelling assumptions required by the SPM IR-1.

Behavioural option risks in the products of non-maturity deposits, retail term deposits with early redemption risk and retail fixed rate loans with prepayment options are measured under the behavioural models. The parameters generated are applied on the repricing cash flow to reflect how customer's behavioural pattern may change the level and timing of these products and to obtain the behavioural cash flow, which are then used to calculate the impact of interest rate shocks on the change in EVE and earnings.

The interest rate sensitive banking book positions with behavioural options related to wholesale customers and with embedded options are identified for option decomposition. The stripped-out embedded interest rate options in banking book products and other explicit interest rate options are valued using interest rate option pricing models. The Group's products with embedded interest rate option risks include wholesale fixed rate loans with prepayment options and fixed rate callable bonds.

Key modelling and parametric assumptions adopted in calculating change in EVE and earnings in template IRRBB1 are summarised as below:

# 1. Non-Maturity Deposits

Non-Maturity Deposits ("NMDs") consist of savings and current deposits of the Group, which are deposits without a set maturity date that can be withdrawn at any time without advance notice. NMDs are segmented into several sub-portfolios according to customer segment, currency and product type. The Group identifies core NMDs as the stable deposits which are unlikely to reprice even under significant changes in the interest rate environment. To determine the core NMDs, the Group firstly estimates stable deposit ratio for each segment using the historical monthly deposit balance data at portfolio level. Then, to measure the core deposit ratio, the Group estimates the proportion of stable deposits that reprice due to the market rate change based on the estimated sensitivity of NMD interest rate with respect to market interest rate changes.



As at 31 December 2021

# <u>Table IRRBBA:</u> <u>Interest rate exposures in banking book – risk management objectives and policies (continued)</u>

#### **IRRBB Measurement (continued)**

#### 1. Non-Maturity Deposits (continued)

The average repricing maturity of NMDs are determined with reference to historical repricing and run off behaviour with consideration of relationship between general market interest rate and the interest rate offered by the Group. The Group adopts run-off analysis using the historical monthly deposit balance data at portfolio level to determine the average behavioural maturity for each segment.

As of 31 December 2021, the Group's notional-weighted average repricing maturity of NMDs was 3.2 years (2020: 3.5 years) and the longest repricing maturity of NMDs was 4.9 years (2020: 4.8 years).

### 2. Prepayment of loans and early withdrawal of term deposits

Prepayment of loans would cause the loans being paid back on an earlier date than the contractual maturity. Conditional prepayment rates ("CPR") for retail loans by homogeneous groups subject to prepayment risk is estimated by different retail loan models. CPR for retail fixed rate loans is estimated by logistic regression analysis with consideration of both loan-specific factors and macroeconomic factors. CPR for retail floating rate loans is estimated by statistical behavioural models using historical loan data on portfolio level. Prepayment options embedded in wholesale fixed rate loans are decomposed as automatic interest rate options and are valued using option pricing models for EVE measurement.

Retail term deposits subject to early redemption risk are term deposits that can be withdrawn early at the discretion of customers, except there is significant penalty that the customers might not early uplift or breaking the deposits contract due to interest rate change. The Group imposes penalty on early withdrawal of term deposits that compensates for loss of interest between date of withdrawal and the contractual maturity date and the economic cost of breaking the contract. Thus, retail term deposits are not subject to early redemption risk and treated as standard fixed rate deposits according to SPM IR-1.

#### 3. Treatment of commercial margins and spread

In measurement of EVE, the commercial margins and spread components have been included in the cash flows used in the computation and discount rate used.

#### 4. Aggregation method

Significant currencies are defined that account for 5% or more of the Group's total on-balance sheet interest rate sensitive position in all currencies. The total position in non-reported currencies could not exceed 10% of the same. As of 31 December 2021, significant currencies include Hong Kong dollars, US dollars and Offshore Renminbi. The Group calculates the changes in EVE and NII for each currency separately and aggregate the adverse impact, without netting, of all currencies in template IRRBB1. There is no assumption about interest rate correlation between different currencies applied on aggregation.



As at 31 December 2021

# <u>Table IRRBBA:</u> <u>Interest rate exposures in banking book – risk management objectives and policies (continued)</u>

#### **IRRBB Measurement (continued)**

#### 5. Constant balance sheet under earnings perspective

Under earnings perspective approach, the Group assesses the impact on earnings over the next 12 months based on the two standard interest rate shock assuming constant balance sheet, where maturing or repricing cash flows are replaced by new cash flows with identical features with regard to the amount, repricing period and spread components. It measures the impact on the Group's net interest income when interest rates change in parallel up and down movement.

There is no difference in the assumptions applied in internal monitoring and regulatory reporting. Assumptions, other than those regulatory assumptions, are validated and reported on an annual basis or as required during the year.

## Template IRRBB1: Quantitative information on interest rate risk in banking book

This table provides information on the changes in economic value of equity ("EVE") and net interest income ("NII") under each of the prescribed interest rate shock scenarios in respect of its interest rate exposures arising from the Group's banking book positions.

		(a)	(b)	(c)	(d)	
		Adverse imp	pact on EVE	Adverse impact on NII		
	Period	31 December 2021 HKD'000	31 December 2020 HKD'000	31 December 2021 HKD'000	31 December 2020 HKD'000	
1	Parallel up	40,163	21,718	25,922	22,130	
2	Parallel down	641,636	806,258	438,759	476,485	
3	Steepener	48,565	61,106			
4	Flattener	12,998	5,328			
5	Short rate up	26,279	13,101			
6	Short rate down	386,574	452,147			
7	Maximum	641,636	806,258	438,759	476,485	
	Period	31 Decen	nber 2021	31 December 2020		
8	Tier 1 capital	12,24	3,209	12,254,986		



### **Table REMA: Remuneration policy**

#### Overview of the Bank's remuneration system

The Bank's remuneration system is applicable to all staff of the Bank and its subsidiaries and documented in the Bank's Remuneration Policy and related guidelines. The Nomination and Remuneration Committee ("NRC"), whose composition and mandate is set out in Note (H)(ii) to the Group's consolidated financial statements, is responsible for overseeing the remuneration system of the Bank. During the financial year, two meetings were held by the NRC and it reviewed and approved the Bank's Remuneration Policy. Upon the latest version of Supervisory Policy Manual – CG-5 Guideline on a Sound Remuneration System issued in 2021, we have updated the categories of staff, the functions and responsibilities of Board of Director and NRC and the approving authority in the Remuneration Policy. Moreover, we have added the consideration of misconduct risk and applied "Malus' in order to address the major changes of the guideline.

Same as the previous year, the Bank has engaged an external provider to conduct a review on the Bank's remuneration system. The Bank has fulfilled the required requirements and applied the relevant recommendation.

The Bank's remuneration system is based on the following principles:

- alignment of compensation to its profitability, risk and capital;
- maximization of employees' and the Bank's performance;
- attraction and retention of talented and skilled staff;
- calibration to the differing needs of each division and staff's levels of responsibility; and
- benchmarking against industry norms should be done at least on bi-annual basis to check the reasonableness of the compensation by peers.

The remuneration packages of the Bank's staff may comprise fixed and variable components which are structured to reflect the prevailing context in which the Bank operates and the Bank's intended performance. Fixed pay includes base salary, fixed allowance and year-end double pay, while variable pay may cover sales incentives and year-end discretionary bonuses.

Salary increments and bonuses of staff not covered by sales incentive schemes are determined according to a performance evaluation guideline covering both achievement of Key Performance Indicators and Workplace Behaviour measures. These include both risk and compliance related measures where appropriate.

Basically, the performance assessment and remuneration of risk and compliance employees are recommended by the heads of the risk and compliance functions and approved by Chief Executive Officer, while those of the heads are recommended by Chief Executive Officer and approved by the NRC. The relevant arrangements are documented in the remuneration policy and relevant guidelines.

According to the Bank's existing mechanism, Senior Management refers to those senior executives who are responsible for the oversight of the Bank's strategy and activities. They include the following positions:

- Chief Executive Officer & Managing Director
- Executive Director(s)
- Alternate Chief Executive(s)
- Executive Vice President(s)

Key Personnel refers to those executives, other than Senior Management, whose duties or activities in the course of their employment involve the assumption of material risk or the taking on of material exposures on behalf of the Bank; currently the Management Committee Members and Department Heads in Treasury Investment Division.



### **Table REMA: Remuneration policy (continued)**

#### Risk, performance assessment and variable remuneration

It is stipulated in the Bank's Remuneration Policy that factors including (i) cost of capital required to support any risks involved in implementing the bonuses, (ii) capital adequacy requirements not being affected and (iii) timing and likelihood of potential future revenue incorporated into current earnings to cover the bonuses contemplated are considered when determining the size and allocation of variable remuneration. Factors including Return on Equity, Capital Adequacy Ratio and financial performance forecast for the next three years are also presented to the NRC. For the Sales staff who are eligible for sales incentives, it is the Bank's policy to avoid incentive setting at such a level that it induces excessive risk taking. Consideration of the cost and quantity of capital required to support the risks taken, the cost and quantity of the liquidity risk assumed in the conduct of business and the timing and likelihood of potential future revenues incorporated into current earnings are documented in the Bank's relevant guideline.

#### Performance assessment and variable remuneration

Basically, business units are assessed according to achievement of their Key Performance Indicators and compliance of internal and regulatory requirements. For individual staff, their performances are assessed according to achievement of Key Performance Indicators and Workplace Behaviours which include various qualitative measurements such as compliance of the Bank's core values: integrity, sincerity, professionalism and innovation.

Individual staff member's remuneration is basically determined by various factors including but not limited to the individual staff's performance, the performance of the staff's business unit and the overall performance of the Bank as well as market sentiment.

As stipulated in the Bank's Remuneration Policy, the calculation of bonus pool is affected by the overall financial performance of the Bank. In the event that the Bank's financial performance deteriorates, the total amount of bonus pool approved by the NRC could be reduced.

According to the Bank's Remuneration Policy, if a staff member's variable pay in cash exceeds pre-determined thresholds, a portion of it will be deferred for up to 6 months for general staff and 36 months for Senior Management, reflecting their relative responsibilities and roles.

According to the Bank's Remuneration Policy, if a staff member is found not meeting the relevant vesting criteria by actions such as fraud or violation of regulatory requirements or of the Bank's policies, a claw-back mechanism may be applied to deferred variable pay.

The Bank uses cash in variable pay to incentivize staff to meet the long and short term business goals of the Bank, for staff retention and to limit inappropriate risk taking. In particular, the Bank's sales incentive schemes are capped so as to limit mis-selling. Share options are currently not offered as incentives as the Bank is a wholly owned subsidiary of Fubon Financial Holding Co., Ltd. ("FFHC") and the NRC considers that the performance of FFHC's shares is too remote from the performance of the Bank.

As mentioned above, the Bank considers basically the use of cash in variable remuneration is appropriate having regard to the size of the Bank and the portion of variable remuneration in the total remuneration of staff.



As at 31 December 2021

# **Template REM1: Remuneration awarded during financial year**

The following table summarised quantitative information on remuneration for the financial year ended 31 December 2021.

			(a)
Remun	eration amount an	Senior Management and Key Personnel	
1		Number of employees	29
2		Total fixed remuneration	HK\$48.9 million
3		Of which: cash-based	HK\$48.9 million
4	Fixed remuneration	Of which: deferred	NIL
5		Of which: shares or other share-linked instruments	NIL
6		Of which: deferred	NIL
7		Of which: other forms	NIL
8		Of which: deferred	NIL
9		Number of employees	29
10		Total variable remuneration	HK\$10.7 million
11		Of which: cash-based	HK\$10.7 million
12	Variable	Of which: deferred	NIL
13	remuneration	Of which: shares or other share-linked instruments	NIL
14		Of which: deferred	NIL
15	Of which: other forms		NIL
16		Of which: deferred	NIL
17	Total remuner	ation	HK\$59.6 million

The aggregate quantitative information on remuneration for the Bank's Senior Management and Key Personnel for the financial year is set out above. Separate figures are not given for Senior Management and Key Personnel as the number of executives is so small that individuals' remuneration could be easily deduced from disclosure of a breakdown of the figures.

# **Template REM2:** Special payments

The following table summarised quantitative information on special payments for the financial year.

		(a)	(b)	(c)	(d)	(e)	(f)
		Guaranteed bonuses		Sign-on awards		Severance payments	
Special payments		Number of employees	Total amount	otal amount Number of employees Total amount		Number of employees	Total amount
1	Senior Management and Key Personnel	NIL	NIL	1	HK\$4 million	NIL	NIL

Separate figures are not given for Senior Management and Key Personnel as the number of executives is so small that individuals' remuneration could be easily deduced from disclosure of a breakdown of the figures.



# **Template REM3: Deferred remuneration**

The following table summarised quantitative information on deferred remuneration for the financial year.

		(a)	(b)	(c)	(d)	(e)
Deferred and retained remuneration		Total amount of outstanding deferred remuneration	Of which: Total amount of outstanding deferred and retained remuneration exposed to ex post explicit and/or implicit adjustment	Total amount of amendment during the year due to ex post explicit adjustments	Total amount of amendment during the year due to ex post implicit adjustments	Total amount of deferred remuneration paid out in the financial year
1	Senior Management and Key Personnel	HK\$1.6 million	HK\$1.6 million	NIL	NIL	NIL
2	Cash	HK\$1.6 million	HK\$1.6 million	NIL	NIL	NIL
3	Shares	NIL	NIL	NIL	NIL	NIL
4	Cash-linked instruments	NIL	NIL	NIL	NIL	NIL
5	Other	NIL	NIL	NIL	NIL	NIL
6	Total	HK\$1.6 million	HK\$1.6 million	NIL	NIL	NIL

Separate figures are not given for Senior Management and Key Personnel as the number of executives is so small that individuals' remuneration could be easily deduced from disclosure of a breakdown of the figures.



### As at 31 December 2021

### **Abbreviations**

AMA Advanced measurement approach
ASA Alternative standardised approach

AT1 Additional tier 1

Bank/Group Fubon Bank (Hong Kong) Limited

BIA Basic indicator approach

Board Board of Directors
BSC Basic approach

CCF Credit conversion factor
CCP Central counterparty

CCyB Countercyclical Capital Buffer

CEM Current exposure method

CIS Collective investment scheme

CRM Credit risk mitigation

CVA Credit valuation adjustment

EAD Exposure at default

ECAI External Credit Assessment Institutions

HKMA Hong Kong Monetary Authority

Hong Kong Special Administrative Region of the People's Republic of

China

IRB Internal ratings-based approach

IRB(s) Internal ratings-based (securitisation) approach

IMM Internal models approach

IMM(CCR) Internal models (counterparty credit risk) approach

N/A Not applicable

PSE Public sector entity

RWA Risk-weighted asset/risk-weighted amount

SA-CCR Standardised approach for counterparty

SFT Securities financing transaction

STC Standardised (credit risk) approach

STC(S) Standardised (securitisation) approach
STM Standardised (market risk) approach

STO Standardised (operational risk) approach

VaR Value at risk