

# **Banking Disclosure Statement**

# 30 September 2021

(Unaudited)

滙豐集團成員 Member HSBC Group

# BANKING DISCLOSURE STATEMENT (unaudited)

# Contents

Introduction	2
Purpose	2
Basis of preparation	2
The Banking Disclosure Statement	2
Key metrics	3
Capital and RWA	5
Leverage ratio	5
Overview of RWA and the minimum capital requirements	6
RWA flow statements	7
Liquidity information	8
Other information	10
Abbreviations	10

# Tables

## Page

Page

Ref	Title	6
1	KM1 – Key prudential ratios	3
2	KM2(A) - Key metrics - LAC requirements for material subsidiaries	4
3	LR2 – Leverage ratio	5
4	OV1 – Overview of RWA	6
5	CR8 - RWA flow statement of credit risk exposures under IRB approach	7
6	MR2 - RWA flow statement of market risk exposures under IMM approach	7
7	Average liquidity coverage ratio	8
8	Total weighted amount of high quality liquid assets	8
9	LIQ1 – Liquidity coverage ratio – for category 1 institution	9

### Introduction

#### Purpose

The information contained in this document is for Hang Seng Bank Limited ('the Bank') and its subsidiaries (together 'the Group') to comply with both the Banking (Disclosure) Rules ('BDR') made under section 60A of the Banking Ordinance and the Financial Institutions (Resolution) (Loss-absorbing Capacity Requirements - Banking Sector) Rules ('LAC Rules') made under section 19(1) of the Financial Institutions (Resolution) Ordinance ('FIRO').

These banking disclosures are governed by the Group's disclosure policy, which has been approved by the Board. The disclosure policy sets out the governance, control and assurance requirements for publication of the document. While the Banking Disclosure Statement is not required to be externally audited, the document has been subject to independent review in accordance with the Group's policies on disclosure and its financial reporting and governance processes.

## **Basis of preparation**

Except where indicated otherwise, the financial information contained in this Banking Disclosure Statement has been prepared on a consolidated basis. The basis of consolidation for regulatory purposes is different from that for accounting purposes.

The approaches used in calculating the Group's regulatory capital and risk-weighted assets ('RWA') are in accordance with the Banking (Capital) Rules ('BCR'). The Group uses the advanced internal ratings-based ('IRB') approach to calculate its credit risk for the majority of its non-securitisation exposures. For counterparty credit risk, the Group uses the standardised (counterparty credit risk) ('SA-CCR') approach to calculate its default risk exposures. For market risk, the Group uses an internal models ('IMM') approach to calculate its general market risk for the risk categories of interest rate and foreign exchange (including gold) exposures and the standardised (market risk) ('STM') approach to calculate its operational risk.

For loss-absorbing capacity ('LAC') disclosures, the basis of calculating the Group's LAC and RWA is in accordance with the LAC Rules.

#### The Banking Disclosure Statement

The Group's Banking Disclosure Statement at 30 September 2021 comprises information required under the framework of the Basel Committee on Banking Supervision ('BCBS'). The disclosures are made in accordance with the latest BDR and the LAC Rules issued by the Hong Kong Monetary Authority ('HKMA').

According to the BDR and the LAC Rules, disclosure of comparative information is not required unless otherwise specified in the standard disclosure templates. Prior period disclosures can be found in the Regulatory Disclosures section of our website, www.hangseng.com.

## Key metrics

Table 1: KM1 – Key prudential ratios

		_					
			a	b	с	d	e
					At		
		-	30 Sep	30 Jun	31 Mar	31 Dec	30 Sep
		Footnotes	2021	2021	2021	2020	2020
	Regulatory capital (HK\$m)	1					
1	Common Equity Tier 1 ('CET1')		116,583	116,224	117,488	118,609	114,467
2	Tier 1		128,327	127,968	129,232	130,353	126,211
3	Total capital		139,061	139,010	139,806	141,070	137,386
	RWA (HK\$m)	1					
4	Total RWA		713,496	734,532	707,658	705,528	706,871
	Risk-based regulatory capital ratios (as a percentage of RWA)	1					
5	CET1 ratio (%)		16.3	15.8	16.6	16.8	16.2
6	Tier 1 ratio (%)		18.0	17.4	18.3	18.5	17.9
7	Total capital ratio (%)		19.5	18.9	19.8	20.0	19.4
	Additional CET1 buffer requirements (as a percentage of RWA)	1					
8	Capital conservation buffer requirement (%)		2.500	2.500	2.500	2.500	2.500
9	Countercyclical capital buffer ('CCyB') requirement (%)	2	0.811	0.821	0.824	0.829	0.836
10	Higher loss absorbency requirements (%)						
	(applicable only to Global systemically important authorised institutions						
	('G-SIBs') or Domestic systemically important authorised institutions						
	('D-SIBs'))		1.000	1.000	1.000	1.000	1.000
11	Total authorised institution ('AI')-specific CET1 buffer requirements (%	)	4.311	4.321	4.324	4.329	4.336
12	CET1 available after meeting the AI's minimum capital requirements (%	<b>b</b> )	11.5	10.9	11.8	12.0	11.4
	Basel III leverage ratio	3					
13	Total leverage ratio ('LR') exposure measure (HK\$m)		1,662,016	1,679,783	1,620,143	1,641,358	1,647,574
14	LR (%)		7.7	7.6	8.0	7.9	7.7
	Liquidity Coverage Ratio ('LCR')	4					
15	Total high quality liquid assets ('HQLA') (HK\$m)		360,010	373,629	394,118	401,898	373,182
16	Total net cash outflows (HK\$m)		177,733	174,649	194,172	194,202	187,369
17	LCR (%)		203.2	214.4	204.0	207.8	199.4
	Net Stable Funding Ratio ('NSFR')	5					
18	Total available stable funding (HK\$m)		1,145,297	1,151,904	1,146,675	1,165,359	1,144,760
19	Total required stable funding (HK\$m)		781,367	785,840	762,141	762,106	767,213
20	NSFR (%)		146.6	146.6	150.5	152.9	149.2

1 The regulatory capital, RWA, risk-based regulatory capital ratios and additional CET1 buffer requirements above are based on or derived from the information as contained in the 'Capital Adequacy Ratio - (MA(BS)3)' return submitted to the HKMA on a consolidated basis under the requirements of section 3C(1) of the BCR.

2 The jurisdictional CCyB of other countries used in the calculation of the CCyB requirement at quarter end ranged from 0% to 1.0% at 30 September 2021.

3 The Basel III leverage ratios are disclosed in accordance with the information contained in the 'Leverage Ratio - (MA(BS)27)' return submitted to the HKMA under the requirements specified in Part 1C of the BCR.

4 The LCRs shown are the simple average values of all working days in the reporting periods and are made in accordance with the requirements specified in the 'Liquidity Position - (MA(BS)1E)' return submitted to the HKMA under rule 11(1) of the Banking (Liquidity) Rules ('BLR').

5 The NSFR disclosures are made in accordance with the information contained in the 'Stable Funding Position - (MA(BS)26)' return submitted to the HKMA under the requirements specified in rule 11(1) of the BLR.

Table 2: KM2(A) - Key metrics - LAC requirements for material subsidiaries

			а	b	с	d	e
					At		
			30 Sep	30 Jun	31 Mar	31 Dec	30 Sep
		Footnotes	2021	2021	2021	2020	2020
Of	the material entity at LAC consolidation group level						
1	Internal loss-absorbing capacity available (HK\$m)		158,556	158,496	159,296	160,551	156,866
2	Risk-weighted amount under the LAC Rules (HK\$m)		713,496	734,532	707,658	705,528	706,871
3	Internal LAC risk-weighted ratio (%)		22.2	21.6	22.5	22.8	22.2
4	Exposure measure under the LAC Rules (HK\$m)		1,660,971	1,678,738	1,619,098	1,640,313	1,646,529
5	Internal LAC leverage ratio (%)		9.5	9.4	9.8	9.8	9.5
6a	Does the subordination exemption in the antepenultimate paragraph of		Not	Not	Not	Not	Not
	Section 11 of the FSB TLAC Term Sheet apply?	1	applicable	applicable	applicable	applicable	applicable
6b	Does the subordination exemption in the penultimate paragraph of		Not	Not	Not	Not	Not
	Section 11 of the FSB TLAC Term Sheet apply?	1	applicable	applicable	applicable	applicable	applicable
6c	If the capped subordination exemption applies, the amount of funding						
	issued that ranks pari passu with excluded liabilities and that is						
	recognised as external loss-absorbing capacity, divided by funding issued						
	that ranks pari passu with excluded liabilities and that would be		Not	Not	Not	Not	Not
	recognised as external loss-absorbing capacity if no cap was applied	1	applicable	applicable	applicable	applicable	applicable

1 The subordination exemptions under Section 11 of the Financial Stability Board ('FSB') Total Loss-absorbing Capacity ('TLAC') Term Sheet do not apply in Hong Kong under the LAC Rules.

# Capital and RWA

# Leverage ratio

The following table shows the leverage ratio, Tier 1 capital and total exposure measure as contained in the 'Leverage Ratio' return submitted to the HKMA under the requirements specified in Part 1C of the BCR.

Table 3: LR2 – Leverage ratio

Table 3. EK2 – Ecverage ratio	2	1
	a	b
	30 Sep	30 Jun
	2021	2021
	HK\$m	HK\$m
On-balance sheet exposures		
1 On-balance sheet exposures (excluding those arising from derivative contracts and securities financing		
transactions ('SFTs'), but including collateral)	1,541,626	1,561,816
2 Less: Asset amounts deducted in determining Tier 1 capital	(28,109)	(28,472)
3 Total on-balance sheet exposures (excluding derivative contracts and SFTs)	1,513,517	1,533,344
Exposures 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)	5,646	6,299
5 Add-on amounts for potential future exposure ('PFE') associated with all derivative contracts	19,906	21,749
6 Gross-up for collateral provided in respect of dervative 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	-	-
8 Less: Exempted central counterparty ('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	25,552	28,048
Exposures arising from SFTs		
12 Gross SFT assets (with no recognition of netting), after adjusting for sale accounting transactions	38,670	40,377
13 Less: Netted amounts of cash payables and cash receivables of gross SFT assets	-	-
14 Counterparty credit risk ('CCR') exposure for SFT assets	1,001	544
15 Agent transaction exposures	-	-
16 Total exposures arising from SFTs	39,671	40,921
Other off-balance sheet exposures		
17 Off-balance sheet exposure at gross notional amount	539,299	521,762
18 Less: Adjustments for conversion to credit equivalent amounts	(450,656)	(439,017)
19 Off-balance sheet items	88,643	82,745
Capital and total exposures		
20 Tier 1 capital	128,327	127,968
20a Total exposures before adjustments for specific and collective provisions	1,667,383	1,685,058
20b Adjustments for specific and collective provisions	(5,367)	(5,275)
21 Total exposures after adjustments for specific and collective provisions	1,662,016	1,679,783
21 Four exposures are: aujustitents for specific and concerne provisions		
Leverage ratio		

# Overview of RWA and the minimum capital requirements

Tabl	e 4: OV1 – Overview of RWA				
		a	b	С	
				Minimum <sup>2</sup>	
			. 1	capital	
		RW		requirements	
		30 Sep	30 Jun	30 Sep	
		2021	2021	2021	
1	Conditation for any constitution and any const	HK\$m	HK\$m	HK\$m	
1	Credit risk for non-securitisation exposures	567,644	579,790	47,787	
$\frac{2}{2}$	Of which: Standardised (credit risk) ('STC') approach	72,798	73,408	5,824	
$\frac{2a}{2}$	Of which: Basic ('BSC') approach	-	-	-	
3	Of which: Foundation IRB approach	-	-	-	
4	Of which: Supervisory slotting criteria approach	25,139	22,194	2,132	
5	Of which: Advanced IRB approach	469,707	484,188	39,831	
6	Counterparty default risk and default fund contributions	6,177	6,975	522	
7	Of which: Standardised approach for counterparty credit risk ('SA-CCR')	5,986	6,768	506	
7a	Of which: Current exposure method ('CEM')	-	-	-	
8	Of which: Internal models (counterparty credit risk) ('IMM(CCR)') approach	-	-	-	
9	Of which: Others	191	207	<u>16</u>	
10	Credit valuation adjustment ('CVA') risk	6,571	6,718	526	
11	Equity positions in banking book under the simple risk-weight method and internal models method	10 222	21.524	1 620	
12	Collective investment scheme ('CIS') exposures – Look-through ('LTA') approach*	19,323	21,534 Not applicable	1,639	
12	Clise construction of the clise	Not applicable		Not applicable	
13		Not applicable	Not applicable	Not applicable	
14	CIS exposures – Fall-back ('FBA') approach* CIS exposures – combination of approaches*	Not applicable	Not applicable	Not applicable	
14a 15	Settlement risk	Not applicable	Not applicable	Not applicable	
15		-	-	-	
10	Securitisation exposures in banking book Of which: Securitisation internal ratings-based ('SEC-IRBA') approach	-	-	-	
17		•	-	-	
10	<i>Of which: Securitisation external ratings-based ('SEC-ERBA') approach (including internal assessment approach ('IAA'))</i>	-			
19	Of which: Securitisation standardised ('SEC-SA') approach	 _	-	-	
		•	-	-	
$\frac{19a}{20}$	Of which: Securitisation fall-back ('SEC-FBA') approach Market risk	13,363	16,676	1,069	
20	Of which: STM approach	303	10,070	24	
22	Of which: IMM approach	13,060	16,482	1,045	
22	Capital charge for switch between exposures in trading book and banking book	15,000	10,402	1,045	
25	(not applicable before the revised market risk framework takes effect)*	Not applicable	Not applicable	Not applicable	
24	Operational risk	62,181	63,833	4,974	
24a	Sovereign concentration risk	02,101			
244	Amounts below the thresholds for deduction (subject to 250% Risk-Weight ('RW'))	19,188	19,188	1,627	
26	Capital floor adjustment	13,100	19,100	1,027	
26a	Deduction to RWA	(13,301)	(13,387)	(1,064)	
26a 26b	Of which: Portion of regulatory reserve for general banking risks and	(13,301)	(13,307)	(1,004)	
200	collective provisions which is not included in Tier 2 Capital			_	
26c	Of which: Portion of cumulative fair value gains arising from the revaluation	-	-	-	
200	of land and buildings which is not included in Tier 2 Capital	(13,301)	(13,387)	(1,064)	
27	Total	<u> </u>	701,327	57,080	
21	1.0001	001,140	/01,32/	57,000	

*RWA in this table are before the application of the 1.06 scaling factor, where applicable.* 

Minimum capital requirement represents the Pillar 1 capital charge at 8% of the RWA after application of the 1.06 scaling factor, where applicable.
Items marked with an asterisk (\*) will be applicable only after their respective policy frameworks take effect. Until then, 'Not applicable' is reported in the rows.

Total RWA (before any applicable scaling factor) decreased by HK\$20.2bn since last quarter. Credit risk RWA for non-securitisation exposures was the key contributor which decreased by HK\$12.1bn mainly driven by change in loan size and asset quality. Equity positions in banking book under the simple risk-weight method decreased by HK\$2.2bn due to value depreciation on holding. Market risk RWA decreased by HK\$3.3bn mainly driven by changes in Offshore renminbi ('CNH') interest rate trading positions.

# **RWA flow statements**

## RWA flow statement for credit risk

Table 5: CR8 – RWA flow statement of credit risk<sup>1</sup> exposures under IRB approach

		a
		Amount
		HK\$m
1	RWA as at end of previous reporting period (30 Jun 2021)	506,382
2	Asset size	(5,196)
3	Asset quality	(5,569)
4	Model updates	-
5	Methodology and policy	-
6	Acquisitions and disposals	-
7	Foreign exchange movements	(152)
8	Other	(619)
9	RWA as at end of reporting period (30 Sep 2021)	494,846

1 Credit risk in this table represents the credit risk for non-securitisation exposures excluding counterparty credit risk.

RWA decreased by HK\$11.5bn in the third quarter of 2021. It was mainly due to decrease of HK\$5.6Bn from the change in asset quality. Change in loan size made RWA from asset size decrease by HK\$5.2bn.

# **RWA flow statement for market risk**

Table 6: MR2 - RWA flow statement of market risk exposures under IMM approach

		a	b	с	d	e	f
		Value at risk ('VaR') HK\$m	Stressed VaR HK\$m	Incremental	Comprehensive risk charge ('CRC')	Other HK\$m	Total RWA HK\$m
1	RWA as at end of previous reporting period (30 Jun 2021)	5,192	11,290	-	-	-	16,482
2	Movement in risk levels	(735)	(2,734)	-	-	-	(3,469)
3	Model updates/changes	-	-	-	-	-	-
4	Methodology and policy	-	-	-	-	-	-
5	Acquisitions and disposals	-	-	-	-	-	-
6	Foreign exchange movements	15	32	-	-	-	47
7	Other	-	-	-	-	-	-
8	RWA as at end of reporting period (30 Sep 2021)	4,472	8,588	-	-	-	13,060

The decrease in market risk RWA was mainly driven by changes in CNH interest rate trading positions.

#### Liquidity information

The Group is required to calculate its LCR on a consolidated basis in accordance with rule 11(1) of the BLR and to maintain an LCR of not less than 100%.

	Quarter ended
	30 Sep
	2021
	%
Average liquidity coverage ratio	203.2

The average LCR was 203.2% for the quarter ended 30 September 2021. The liquidity position of the Group remained strong and above statutory requirement of 100%.

The composition of the Group's HQLA as defined under Schedule 2 of the BLR is shown as below. The majority of the HQLA held by the Group are Level 1 assets which comprise mainly of government debt securities.

Table 8: Total weighted amount of high quality liquid assets	
	Weighted amount
	(average) for the
	quarter ended
	30 Sep
	2021
	HK\$m
Level 1 assets	342,427
Level 2A assets	15,138
Level 2B assets	2,445
Total weighted amount of HQLA	360,010

#### Sources of funding

Our primary sources of funding are customer deposits. We issue wholesale securities to supplement our customer deposits and change the currency mix or maturity profile of our liabilities.

#### Currency mismatch

In times of stress it cannot automatically be assumed that one currency can always be converted for another, even if those currencies are 'hard' currencies. LCR is therefore assessed by single currency for those that are material. In some currencies, convertibility is restricted by regulators and central banks and this restriction results in local currency not being convertible offshore or even onshore. All operating entities are required to monitor material single currency LCR. Limits are approved by local Asset and Liability Management Committee ('ALCO')/Tactical Asset and Liability Management Committee (TALCO'), and monitored by local ALCO.

#### Additional contractual obligations

Most of the Group's derivative transactions are exchange rate contracts and interest rate contracts. Under the terms of our current collateral obligations under derivative contracts (which are International Swaps and Derivatives Association (ISDA') compliant Credit Support Annex ('CSA') contracts), the additional collateral required to post in the event of one-notch and two-notch downgrade in credit ratings is nil.

A summary of the Group's current policies and practices for the management of liquidity and funding risk is set out in 'Liquidity and funding risk' section on pages 89 to 93 of the Group's 2020 Annual Report\*.

\* Refers to printed version. The page reference of Annual Report (text version) is page 73 to 76.

The following table sets out the required disclosure items under the Liquidity Coverage Ratio Standard Disclosure Template as specified by the HKMA. Number of data points used in calculating the average value of the LCR and related components set out in this table for the quarter ended on 30 September 2021 was 77.

Tab	le 9: LIQ1 – Liquidity coverage ratio – for category 1 institution		
		Quarter ended (77 data	-
		а	b
		Unweighted	
Bas	is of disclosure: consolidated	value	Weighted value
		(average)	(average)
		HK\$m	HK\$m
Α	High quality liquid assets		
1	Total high quality liquid assets		360,010
В	Cash outflows		
2	Retail deposits and small business funding, of which:	867,768	70,111
3	Stable retail deposits and stable small business funding	238,084	7,143
4	Less stable retail deposits and less stable small business funding	629,684	62,968
4a	Retail term deposits and small business term funding	-	-
5	Unsecured wholesale funding (other than small business funding) and debt securities and prescribed instruments		
	issued by the institution, of which:	300,497	137,807
6	Operational deposits	42,016	9,846
7	Unsecured wholesale funding (other than small business funding) not covered in Row 6	249,748	119,228
8	Debt securities and prescribed instruments issued by the institution and redeemable within the LCR period	8,733	8,733
9	Secured funding transactions (including securities swap transactions)		26
10	Additional requirements, of which:	73,330	12,832
11	Cash outflows arising from derivative contracts and other transactions, and additional liquidity needs arising		
	from related collateral requirements	5,388	5,388
12	Cash outflows arising from obligations under structured financing transactions and repayment of funding		
	obtained from such transactions	658	658
13	Potential drawdown of undrawn committed facilities (including committed credit facilities and committed		
	liquidity facilities)	67,284	6,786
14	Contractual lending obligations (not otherwise covered in Section B) and other contractual cash outflows	20,973	20,973
15	Other contingent funding obligations (whether contractual or non-contractual)	460,115	2,182
16	Total cash outflows		243,931
С	Cash inflows		
17	Secured lending transactions (including securities swap transactions)	9,764	3,774
18	Secured and unsecured loans (other than secured lending transactions covered in Row 17) and operational		
	deposits placed at other financial institutions	87,620	43,395
19	Other cash inflows	29,920	19,029
20	Total cash inflows	127,304	66,198
D	Liquidity coverage ratio (adjusted value)		
21	Total HQLA		360,010
22	Total net cash outflows		177,733
23	LCR (%)		203.2%

# Other information

# Abbreviations

A	
AI	Authorised institution
ALCO	Asset and Liability Management Committee
В	, , ,
Bank	Hang Seng Bank Limited
BCBS	Basel Committee on Banking Supervision
BCR	Banking (Capital) Rules
BDR	Banking (Disclosure) Rules
BLR	Banking (Liquidity) Rules
BSC	Basic approach
С	**
ССР	Central counterparty
CCR	Counterparty credit risk
ССуВ	Countercyclical capital buffer
CEM	Current exposure method
CET1	Common equity tier 1
CIS	Collective investment scheme
CNH	Offshore renminbi
CRC	Comprehensive risk charge
CSA	Credit Support Annex
CVA	Credit valuation adjustment
D	
D-SIB	Domestic systemically important authorised
	institution
F	
FBA	Fall-back approach
FIRO	Financial Institutions (Resolution) Ordinance
FSB	Financial Stability Board
G	
G-SIB	Global systemically important authorised institution
Group	Hang Seng Bank Limited together with its subsidiaries
H	
HK\$bn	Billions (thousands of millions) of Hong Kong dollars
HK\$m	Millions of Hong Kong dollars
HKMA	Hong Kong Monetary Authority
Hong Kong	The Hong Kong Special Administrative Region of the
	People's Republic of China
HQLA	High quality liquid assets
I	
IAA	Internal assessment approach
IMM	Internal models approach
IMM(CCR)	Internal models (counterparty credit risk) approach
IRB	Internal ratings-based approach
IRC	Incremental risk charge
ISDA	International Swaps and Derivatives Association

L	
LAC Rules	Financial Institutions (Resolution) (Loss-absorbing
	Capacity Requirements - Banking Sector) Rules
LAC	Loss-absorbing Capacity
LCR	Liquidity coverage ratio
LR	Leverage ratio
LTA	Look through approach
М	
MBA	Mandate-based approach
N	
N/A	Not applicable
NSFR	Net stable funding ratio
Р	
PFE	Potential future exposure
R	
RW	Risk-weight
RWA	Risk-weighted asset(s)/risk-weighted amount(s)
S	
SA-CCR	Standardised approach for counterparty credit
	risk
SEC-ERBA	Securitisation external ratings-based approach
SEC-FBA	Securitisation fall-back approach
SEC-IRBA	Securitisation internal ratings-based approach
SEC-SA	Securitisation standardised approach
SFT	Securities financing transaction
STC	Standardised (credit risk) approach
STM	Standardised (market risk) approach
STO	Standardised (operational risk) approach
Т	
TALCO	Tactical Asset and Liability Management
	Committee
TLAC	Total Loss-absorbing Capacity
V	
VaR	Value at risk