

# **Banking Disclosure Statement**

# 30 September 2022

(Unaudited)

# 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

		- "Bo
Ref	Title	
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 relates to 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 audited by external auditors, 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 RWA for the majority of its non-securitisation exposures. For counterparty credit risk ('CCR'), the Group uses the standardised (counterparty credit risk) ('SA-CCR') approach to calculate its default risk exposures for derivatives. For market risk RWA, 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 for calculate its operational risk. For operational risk RWA, the Group uses the standardised (operational risk) ('STO') 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 2022 comprises Pillar 3 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

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$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$				a	b		d	e
Footnotes    2022    2022    2021    2021      Regulatory capital (HK\$m)    1      Common Equity Tier 1 (CET1)    113,609    114,117    115,032    116,599    116,599      2 Tier 1    125,353    125,861    126,776    128,343    128,327      3 Total capital    135,571    136,307    137,299    138,758    139,061      RWA (HK\$m)    I    4    Total RWA    751,753    781,467    758,058    734,128    713,496      Risk-based regulatory capital ratios (as a percentage of RWA)    I    5    CET1 ratio (%)    16.7    16.1    16.7    17.5    18.0      7 Total capital ratio (%)    16.7    16.1    16.7    17.5    18.0      7 Total capital ratio (%)    2.500						At		
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$				30 Sep	30 Jun	31 Mar	31 Dec	30 Sep
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			Footnotes	2022	2022	2022	2021	2021
2  Tier I  125,353  125,861  126,776  128,343  128,327    3  Total capital  135,571  136,307  137,299  138,758  139,061    RWA (HK\$m)  1  1  1  135,571  136,307  137,299  138,758  139,061    RWA (HK\$m)  1  1  1  16,37  751,753  781,467  758,058  734,128  713,496    Risk-based regulatory capital ratios (as a percentage of RWA)  1  15.1  14.6  15.2  15.9  16.3    6  Tier I ratio (%)  16.7  16.1  16.7  17.5  18.0    7  Total capital ratio (%)  2.500			1					
3  Total capital  135,571  136,307  137,299  138,758  139,061    RWA (HK\$m)  1  751,753  781,467  758,058  734,128  713,496    4  Total RWA  751,753  781,467  758,058  734,128  713,496    6  Risk-based regulatory capital ratios (as a percentage of RWA)  1  7  16.7  16.1  16.7  17.5  18.0    7  Total capital ratio (%)  16.7  16.1  16.7  17.5  18.0    7  Total capital ratio (%)  2.500  2.500  2.500  2.500  2.500    9  Countercyclical capital buffer requirement (%)  2  0.800  0.798  0.796  0.799  0.811    10  Higher loss absorbency requirements (%)  2  0.800  0.798  0.796  0.799  0.811    12  CET1 axialable after meeting the AI's minimum capital requirements (%)  1.00  1.000  1.000  1.000  1.000  1.000  1.000  1.000  1.000  1.000  1.000  1.000  1.000  1.000  1.000  1.010  1.5 <td>1</td> <td></td> <td></td> <td>113,609</td> <td>114,117</td> <td>115,032</td> <td>116,599</td> <td>116,583</td>	1			113,609	114,117	115,032	116,599	116,583
Interpret    Interpret    Interpret    Interpret    Interpret    Interpret      4    Total RWA    751,753    781,467    758,058    734,128    713,496      RWA (HK\$m)    1    1    1    1    1    1      5    CET1 ratio (%)    15.1    14.6    15.2    15.9    16.3      6    Tier I ratio (%)    16.7    16.1    16.7    17.5    18.0      7    Total capital ratio (%)    2.500		Tier 1		125,353	125,861	126,776	128,343	128,327
4  Total RWA  751,753  781,467  758,058  734,128  713,496    Risk-based regulatory capital ratios (as a percentage of RWA)  1  7	3	Total capital		135,571	136,307	137,299	138,758	139,061
Risk-based regulatory capital ratios (as a percentage of RWA)    1		RWA (HK\$m)	1					
	4	Total RWA		751,753	781,467	758,058	734,128	713,496
6  Tier 1 ratio (%)  16.7  16.1  16.7  17.5  18.0    7  Total capital ratio (%)  18.0  17.4  18.1  18.9  19.5    Additional CET1 buffer requirements (as a percentage of RWA)  1 <t< td=""><td></td><td>Risk-based regulatory capital ratios (as a percentage of RWA)</td><td>1</td><td></td><td></td><td></td><td></td><td></td></t<>		Risk-based regulatory capital ratios (as a percentage of RWA)	1					
7  Total capital ratio (%)  18.0  17.4  18.1  18.9  19.5    Additional CET1 buffer requirements (as a percentage of RWA)  1  2  500  2.500	5	CET1 ratio (%)		15.1	14.6	15.2	15.9	16.3
Additional CET1 buffer requirements (as a percentage of RWA)    1      8    Capital conservation buffer requirement (%)    2.500	6	Tier 1 ratio (%)		16.7	16.1	16.7	17.5	18.0
8  Capital conservation buffer requirement (%)  2.500  2.500  2.500  2.500  2.500    9  Countercyclical capital buffer ('CCyB') requirement (%)  2  0.800  0.798  0.796  0.799  0.811    10  Higher loss absorbency requirements (%) (applicable only to Global systemically important authorised institutions ('G-SIBs') or Domestic systemically important authorised institution ('AI)-specific CET1 buffer requirements (%)  1.000  1.000  1.000  1.000  1.000    11  Total authorised institution ('AI)-specific CET1 buffer requirements (%)  4.300  4.298  4.296  4.299  4.311    12  CET1 available after meeting the AI's minimum capital requirements (%)  10.0  9.4  10.1  10.9  11.5    Basel III leverage ratio  3  3  1.672,587  1,709,100  1,702,467  1,704,064  1,662,016    14  LR (%)  7.5  7.4  7.5  7.7    15  Total heverage Ratio ('LCR')  4  1  1.600,715  1,704,064  1,662,016    15  Total high quality liquid assets ('HQLA') (HK\$m)  398,286  372,355  364,894  369,454  360,010	7	Total capital ratio (%)		18.0	17.4	18.1	18.9	19.5
9  Countercyclical capital buffer (CCyB') requirement (%)  2  0.800  0.798  0.796  0.799  0.811    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 ('AT)-specific CET1 buffer requirements (%)  4.300  4.298  4.296  4.299  4.311    12  CET1 available after meeting the AI's minimum capital requirements (%)  10.0  9.4  10.1  10.9  11.5    Basel III leverage ratio  3  1.672,587  1,709,100  1,702,467  1,704,064  1,662,016    14  LR (%)  7.5  7.4  7.5  7.7    Liquidity Coverage Ratio ('LCR')  4  1  1  1  1  1  60,916    15  Total high quality liquid assets ('HQLA') (HK\$m)  398,286  372,355  364,894  369,454  360,010    16  Total net cash outflows (HK\$m)  173,470  180,721  194,893  193,384  177,733    17  LCR (%)		Additional CET1 buffer requirements (as a percentage of RWA)	1					
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    11  Total authorised institution ('AI')-specific CET1 buffer requirements (%)  4.300  4.298  4.296  4.299  4.311    12  CET1 available after meeting the AI's minimum capital requirements (%)  10.0  9.4  10.1  10.9  11.5    Basel III leverage ratio  3  3  3  3  3  3    13  Total leverage ratio ('LR') exposure measure (HK\$m)  1,672,587  1,709,100  1,702,467  1,704,064  1,662,016    14  LR (%)  7.5  7.4  7.4  7.5  7.7    Liquidity Coverage Ratio ('LCR')  4	8	Capital conservation buffer requirement (%)		2.500	2.500	2.500	2.500	2.500
(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 (%)  4.300  4.298  4.296  4.299  4.311    12  CET1 available after meeting the AI's minimum capital requirements (%)  10.0  9.4  10.1  10.9  11.5    Basel III leverage ratio    3  3	9	Countercyclical capital buffer ('CCyB') requirement (%)	2	0.800	0.798	0.796	0.799	0.811
institutions ('G-SIBs') or Domestic systemically important authorised institutions ('D-SIBs'))    11  Total authorised institution ('AI')-specific CET1 buffer requirements (%)  4.300  4.298  4.296  4.299  4.311    12  CET1 available after meeting the AI's minimum capital requirements (%)  10.0  9.4  10.1  10.9  11.5    Basel III leverage ratio    3  3  1.672,587  1,709,100  1,702,467  1,704,064  1,662,016    14  LR (%)  7.5  7.4  7.4  7.5  7.7    Liquidity Coverage Ratio ('LCR')  4  1  1  1  1  1  1  1  60,010    16  Total high quality liquid assets ('HQLA') (HK\$m)  398,286  372,355  364,894  369,454  360,010    16  Total net cash outflows (HK\$m)  173,470  180,721  194,893  193,384  177,733    17  LCR (%)  230.5  206.8  188.9  191.8  203.2    Net Stable Funding Ratio ('NSFR')    5  5  1  1  1,158,921  1,201,071  1,187,908	10	Higher loss absorbency requirements (%)						
authorised institutions (D-SIBs'))  1.000  1.000  1.000  1.000  1.000  1.000    11  Total authorised institution ('AI')-specific CET1 buffer requirements (%)  4.300  4.298  4.296  4.299  4.311    12  CET1 available after meeting the AI's minimum capital requirements (%)  10.0  9.4  10.1  10.9  11.5    Basel III leverage ratio  3  3  1.672,587  1,709,100  1,702,467  1,704,064  1,662,016    14  LR (%)  7.5  7.4  7.4  7.5  7.7    Liquidity Coverage Ratio ('LCR')  4  10.1  10.9  117,733    15  Total high quality liquid assets ('HQLA') (HK\$m)  398,286  372,355  364,894  369,454  360,010    16  Total net cash outflows (HK\$m)  173,470  180,721  194,893  193,384  177,733    17  LCR (%)  230.5  206.8  188.9  191.8  203.2    Net Stable Funding Ratio ('NSFR')  5  5  18  704,064  785,316  793,333  781,367    19  Total available stable funding (HK\$m) </td <td></td> <td>(applicable only to Global systemically important authorised</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		(applicable only to Global systemically important authorised						
11  Total authorised institution ('AI')-specific CET1 buffer requirements (%)  4.300  4.298  4.296  4.299  4.311    12  CET1 available after meeting the AI's minimum capital requirements (%)  10.0  9.4  10.1  10.9  11.5    Basel III leverage ratio  3    13  Total leverage ratio ('LR') exposure measure (HK\$m)  1,672,587  1,709,100  1,702,467  1,704,064  1,662,016    14  LR (%)  7.5  7.4  7.4  7.5  7.7    Liquidity Coverage Ratio ('LCR')  4  10.1  10.9  10.0  10.0  1,702,467  1,704,064  1,662,016    14  LR (%)  7.5  7.4  7.4  7.5  7.7    Liquidity Coverage Ratio ('LCR')  4  15  Total high quality liquid assets ('HQLA') (HK\$m)  398,286  372,355  364,894  369,454  360,010    16  Total net cash outflows (HK\$m)  173,470  180,721  194,893  193,384  177,733    17  LCR (%)  230.5  206.8  188.9  191.8  203.2    Net Stable Funding Ratio ('NSFR')  5		institutions ('G-SIBs') or Domestic systemically important						
12  CET1 available after meeting the Al's minimum capital requirements (%)  10.0  9.4  10.1  10.9  11.5    Basel III leverage ratio    13  Total leverage ratio ('LR') exposure measure (HK\$m)  1,672,587  1,709,100  1,702,467  1,704,064  1,662,016    14  LR (%)  7.5  7.4  7.4  7.5  7.7    Liquidity Coverage Ratio ('LCR')  4  15  15  Total high quality liquid assets ('HQLA') (HK\$m)  398,286  372,355  364,894  369,454  360,010    16  Total net cash outflows (HK\$m)  173,470  180,721  194,893  193,384  177,733    17  LCR (%)  230.5  206.8  188.9  191.8  203.2    Net Stable Funding Ratio ('NSFR')  5  5  1  1,169,638  1,145,297    18  Total available stable funding (HK\$m)  1,158,921  1,201,071  1,187,908  1,169,638  1,145,297    19  Total required stable funding (HK\$m)  746,834  775,046  785,316  793,333  781,367		authorised institutions ('D-SIBs'))		1.000	1.000	1.000	1.000	1.000
Basel III leverage ratio    3      13    Total leverage ratio ('LR') exposure measure (HK\$m)    1,672,587    1,709,100    1,702,467    1,704,064    1,662,016      14    LR (%)    7.5    7.4    7.4    7.5    7.7      Liquidity Coverage Ratio ('LCR')    4    15    Total high quality liquid assets ('HQLA') (HK\$m)    398,286    372,355    364,894    369,454    360,010      16    Total net cash outflows (HK\$m)    173,470    180,721    194,893    193,384    177,733      17    LCR (%)    230.5    206.8    188.9    191.8    203.2      Net Stable Funding Ratio ('NSFR')    5    5    5    5    1    1,169,638    1,145,297      19    Total required stable funding (HK\$m)    746,834    775,046    785,316    793,333    781,367	11	Total authorised institution ('AI')-specific CET1 buffer requirements (	(%)	4.300	4.298	4.296	4.299	4.311
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14  LR (%)  7.5  7.4  7.4  7.5  7.7    Liquidity Coverage Ratio ('LCR')  4  4  5  5  364,894  369,454  360,010    15  Total high quality liquid assets ('HQLA') (HK\$m)  398,286  372,355  364,894  369,454  360,010    16  Total net cash outflows (HK\$m)  173,470  180,721  194,893  193,384  177,733    17  LCR (%)  230.5  206.8  188.9  191.8  203.2    Net Stable Funding Ratio ('NSFR')  5  5  5    18  Total available stable funding (HK\$m)  1,158,921  1,201,071  1,187,908  1,169,638  1,145,297    19  Total required stable funding (HK\$m)  746,834  775,046  785,316  793,333  781,367			3					
Liquidity Coverage Ratio ('LCR')    4      15    Total high quality liquid assets ('HQLA') (HK\$m)    398,286    372,355    364,894    369,454    360,010      16    Total net cash outflows (HK\$m)    173,470    180,721    194,893    193,384    177,733      17    LCR (%)    230.5    206.8    188.9    191.8    203.2      Net Stable Funding Ratio ('NSFR')      18    Total available stable funding (HK\$m)    1,158,921    1,201,071    1,187,908    1,145,297      19    Total required stable funding (HK\$m)    746,834    775,046    785,316    793,333    781,367	13	Total leverage ratio ('LR') exposure measure (HK\$m)		1,672,587	1,709,100	1,702,467	1,704,064	1,662,016
15  Total high quality liquid assets ('HQLA') (HK\$m)  398,286  372,355  364,894  369,454  360,010    16  Total net cash outflows (HK\$m)  173,470  180,721  194,893  193,384  177,733    17  LCR (%)  230.5  206.8  188.9  191.8  203.2    Net Stable Funding Ratio ('NSFR')  5    18  Total available stable funding (HK\$m)  1,158,921  1,201,071  1,187,908  1,169,638  1,145,297    19  Total required stable funding (HK\$m)  746,834  775,046  785,316  793,333  781,367	14	LR (%)		7.5	7.4	7.4	7.5	7.7
16  Total net cash outflows (HK\$m)  173,470  180,721  194,893  193,384  177,733    17  LCR (%)  230.5  206.8  188.9  191.8  203.2    Net Stable Funding Ratio ('NSFR')    5  5    18  Total available stable funding (HK\$m)  1,158,921  1,201,071  1,187,908  1,169,638  1,145,297    19  Total required stable funding (HK\$m)  746,834  775,046  785,316  793,333  781,367		Liquidity Coverage Ratio ('LCR')	4					
17  LCR (%)  230.5  206.8  188.9  191.8  203.2    Net Stable Funding Ratio ('NSFR')    5  5    18  Total available stable funding (HK\$m)  1,158,921  1,201,071  1,187,908  1,169,638  1,145,297    19  Total required stable funding (HK\$m)  746,834  775,046  785,316  793,333  781,367	15	Total high quality liquid assets ('HQLA') (HK\$m)		398,286	372,355	364,894	369,454	360,010
Net Stable Funding Ratio ('NSFR')    5      18    Total available stable funding (HK\$m)    1,158,921    1,201,071    1,187,908    1,169,638    1,145,297      19    Total required stable funding (HK\$m)    746,834    775,046    785,316    793,333    781,367	16	Total net cash outflows (HK\$m)		173,470	180,721	194,893	193,384	177,733
18  Total available stable funding (HK\$m)  1,158,921  1,201,071  1,187,908  1,169,638  1,145,297    19  Total required stable funding (HK\$m)  746,834  775,046  785,316  793,333  781,367	17	LCR (%)		230.5	206.8	188.9	191.8	203.2
19 Total required stable funding (HK\$m)    746,834    775,046    785,316    793,333    781,367		Net Stable Funding Ratio ('NSFR')	5					
19 Total required stable funding (HK\$m)    746,834    775,046    785,316    793,333    781,367	18	Total available stable funding (HK\$m)		1,158,921	1,201,071	1,187,908	1,169,638	1,145,297
20 NSFR (%) 155.2 155.0 151.3 147.4 146.6	19	Total required stable funding (HK\$m)		746,834		785,316	793,333	781,367
	20	NSFR (%)		155.2	155.0	151.3	147.4	146.6

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 Hong Kong used in the calculation of CCyB requirement was 1.0% since 31 March 2020. The jurisdictional CCyB of other countries used in the calculation of the CCyB requirement at quarter end ranged from 0% to 1.5% at 30 September 2022.

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	2022	2022	2022	2021	2021
Of	the material entity at LAC consolidation group level						
1	Internal loss-absorbing capacity available (HK\$m)		163,069	163,803	161,797	163,242	158,556
2	Risk-weighted amount under the LAC Rules (HK\$m)		751,753	781,467	758,058	734,128	713,496
3	Internal LAC risk-weighted ratio (%)		21.7	21.0	21.3	22.2	22.2
4	Exposure measure under the LAC Rules (HK\$m)		1,671,542	1,708,055	1,701,422	1,703,019	1,660,971
5	Internal LAC leverage ratio (%)		9.8	9.6	9.5	9.6	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

	а	b
	30 Sep	30 Jun
	2022	2022
	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)	1,542,545	1,593,120
2 Less: Asset amounts deducted in determining Tier 1 capital	(27,589)	(28,492)
3 Total on-balance sheet exposures (excluding derivative contracts and SFTs)	1,514,956	1,564,628
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)	21,080	12,721
5 Add-on amounts for potential future exposure ('PFE') associated with all derivative contracts	23,418	23,241
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	44,498	35,962
Exposures arising from SFTs		
12 Gross SFT assets (with no recognition of netting), after adjusting for sale accounting transactions	38,891	34,772
13 Less: Netted amounts of cash payables and cash receivables of gross SFT assets	-	-
14 Counterparty credit risk ('CCR') exposure for SFT assets	956	683
15 Agent transaction exposures	-	-
16 Total exposures arising from SFTs	39,847	35,455
Other off-balance sheet exposures		
17 Off-balance sheet exposure at gross notional amount	539,961	535,279
18 Less: Adjustments for conversion to credit equivalent amounts	(455,887)	(453,408)
19 Off-balance sheet items	84,074	81,871
Capital and total exposures		
20 Tier 1 capital	125,353	125,861
20a Total exposures before adjustments for specific and collective provisions	1,683,375	1,717,916
20b Adjustments for specific and collective provisions	(10,788)	(8,816)
21 Total exposures after adjustments for specific and collective provisions	1,672,587	1,709,100
Leverage ratio		
22 Leverage ratio	7.5%	7.4%

## Overview of RWA and the minimum capital requirements

Tabl	e 4: OV1 – Overview of RWA			
		a	b	с
				Minimum
				capital
		RW	<b>A</b> <sup>1</sup>	requirements <sup>2</sup>
		30 Sep	30 Jun	30 Sep
		2022	2022	2022
		HK\$m	HK\$m	HK\$m
1	Credit risk for non-securitisation exposures	597,407	623,142	50,321
2	Of which: Standardised (credit risk) ('STC') approach	70,864	80,392	5,669
2a	Of which: Basic ('BSC') approach	-	-	-
3	Of which: Foundation IRB approach	-	-	-
4	Of which: Supervisory slotting criteria approach	48,435	39,505	4,107
5	Of which: Advanced IRB approach	478,108	503,245	40,545
6	Counterparty default risk and default fund contributions	9,531	8,054	807
7	Of which: SA-CCR approach	9,076	7,676	768
7a	Of which: Current exposure method ('CEM')	-	-	-
8	Of which: Internal models (counterparty credit risk) ('IMM(CCR)') approach	-	-	-
9	Of which: Others	455	378	39
10	Credit valuation adjustment ('CVA') risk	11,931	9,804	954
11	Equity positions in banking book under the simple risk-weight method and internal			
	models method	18,172	22,615	1,541
12	Collective investment scheme ('CIS') exposures - Look-through ('LTA') approach	441	Not applicable	37
13	CIS exposures – Mandate-based ('MBA') approach	-	Not applicable	-
14	CIS exposures – Fall-back ('FBA') approach	-	Not applicable	-
14a	CIS exposures – combination of approaches	-	Not applicable	-
15	Settlement risk	-	-	-
16	Securitisation exposures in banking book	-	-	-
17	Of which: Securitisation internal ratings-based ('SEC-IRBA') approach	-	-	-
18	Of which: Securitisation external ratings-based ('SEC-ERBA') approach (including			
	internal assessment approach ('IAA'))	-	-	-
19	Of which: Securitisation standardised ('SEC-SA') approach	-	-	-
19a		-	-	-
20	Market risk	18,283	20,303	1,462
21	Of which: STM approach	567	502	45
22	Of which: IMM approach	17,716	19,801	1,417
23	Capital charge for switch between exposures in trading book and banking book			
	(not applicable before the revised market risk framework takes effect)*	Not applicable	Not applicable	Not applicable
24	Operational risk	57,250	57,171	4,580
24a	Sovereign concentration risk	-	-	-
25	Amounts below the thresholds for deduction (subject to 250% Risk-Weight ('RW'))	17,769	18,360	1,507
26	Capital floor adjustment	-	-	-
26a	Deduction to RWA	(13,362)	(13,466)	(1,069)
26b	Of which: Portion of regulatory reserve for general banking risks and		× · · · · /	× /···· /
	collective provisions which is not included in Tier 2 Capital	-	-	-
26c	Of which: Portion of cumulative fair value gains arising from the revaluation			
	of land and buildings which is not included in Tier 2 Capital	(13,362)	(13,466)	(1.069)
27	Total	717,422	745,983	60.140

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

2 Minimum capital requirement represents the Pillar 1 capital charge at 8% of the RWA after application of the 1.06 scaling factor, where applicable.

3 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\$28.6bn since last quarter. Credit risk RWA for non-securitisation exposures was the key contributor which decreased by HK\$25.7bn mainly driven by change in loan size and foreign exchange movements.

# **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 2022)	542,750
2	Asset size	(11,975)
3	Asset quality	941
4	Model updates	(1,143)
5	Methodology and policy	-
6	Acquisitions and disposals	-
7	Foreign exchange movements	(3,527)
8	Other	(503)
9	RWA as at end of reporting period (30 Sep 2022)	526,543

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

RWA decreased by HK\$16.2bn in the third quarter of 2022. It was mainly due to a decrease of HK\$12bn from asset size driven by change in loan size and HK\$3.5bn from foreign exchange movements.

#### **RWA flow statement for market risk**

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

		а	b	с	d	e	f
			Stressed	Incremental	Comprehensive		
		Value at risk	VaR	risk charge	risk charge		Total
		('VaR')	('SVaR')	('IRC')	('CRC')	Other	RWA
		HK\$m	HK\$m	HK\$m	HK\$m	HK\$m	HK\$m
1	RWA as at end of previous reporting						
	period (30 Jun 2022)	4,204	15,597	-	-	-	19,801
2	Movement in risk levels	291	(2,408)	-	-	-	(2,117)
3	Model updates/changes	56	(33)	-	-	-	23
4	Methodology and policy	-	-	-	-	-	-
5	Acquisitions and disposals	-	-	-	-	-	-
6	Foreign exchange movements	2	7	-	-	-	9
7	Other	-	-	-	-	-	-
8	RWA as at end of reporting period						
_	(30 Sep 2022)	4,553	13,163	-	-	-	17,716

The decrease in market risk RWA was mainly driven by HKD 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%.

Table 7: Average liquidity coverage ratio

	Quarter ended
	30 Sep
	2022
	%
Average liquidity coverage ratio	230.5

The average LCR was 230.5% for the quarter ended 30 September 2022. 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
	2022
	HK\$m
Level 1 assets	381,314
Level 2A assets	13,549
Level 2B assets	3,423
Total weighted amount of HQLA	398,286

#### 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 pages 96 to 101 of the Group's 2021 Annual Report\*.

\* Refers to printed version. The page reference of Annual Report (text version) is pages 101 to 105.

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 2022 was 76.

Table	9: LIQ1 – Liquidity coverage ratio – for category 1 institution		
		Quarter endee (76 data	-
		a	b
		Unweighted	
		value	Weighted value
Basis	of disclosure: consolidated	(average)	(average)
		HK\$m	HK\$m
A I	High quality liquid assets	· · ·	i
	Fotal high quality liquid assets		398,286
B (	Cash outflows		,
2 F	Retail deposits and small business funding, of which:	891,940	72,303
3	Stable retail deposits and stable small business funding	241,306	7,239
4	Less stable retail deposits and less stable small business funding	650,634	65,064
4a	Retail term deposits and small business term funding	-	-
	Jnsecured wholesale funding (other than small business funding) and debt securities and prescribed instruments		
	ssued by the institution, of which:	266,965	124,691
6	Operational deposits	38,717	9,020
7	Unsecured wholesale funding (other than small business funding) not covered in Row 6	218,778	106,201
8	Debt securities and prescribed instruments issued by the institution and redeemable within the LCR period	9,470	9,470
-	Secured funding transactions (including securities swap transactions)	.,	164
	Additional requirements, of which:	69,566	17,671
11	Cash outflows arising from derivative contracts and other transactions, and additional liquidity needs arising		
	from related collateral requirements	5,370	5,370
12	Cash outflows arising from obligations under structured financing transactions and repayment of funding	0,070	0,070
	obtained from such transactions	3,041	3,041
13	Potential drawdown of undrawn committed facilities (including committed credit facilities and committed		
	liquidity facilities)	61,155	9,260
14 0	Contractual lending obligations (not otherwise covered in Section B) and other contractual cash outflows	22,761	22,761
-	Other contingent funding obligations (whether contractual or non-contractual)	476,913	2,780
	Fotal cash outflows	- 1 -	240,370
C (	Cash inflows		
	Secured lending transactions (including securities swap transactions)	11,694	6,743
	Secured and unsecured loans (other than secured lending transactions covered in Row 17) and operational	1	
	leposits placed at other financial institutions	91,056	44,420
	Dther cash inflows	27,344	15,737
	Fotal cash inflows	130,094	66,900
	Liquidity coverage ratio (adjusted value)	200,001	00,00
-	Total HQLA		398,286
	Fotal net cash outflows		173,470
	.CR (%)		230.5%

#### Other information

## Abbreviations

Δ	
AI	Authorised institution
ALCO	Asset and Liability Management Committee
B	Asset and Exability Management Committee
Bank	Hang Seng Bank Limited
BCBS	Basel Committee on Banking Supervision
BCBS	Banking (Capital) Rules
BDR	Banking (Disclosure) Rules
BLR	Banking (Liquidity) Rules
BSC	Basic approach
C	Basic approach
CCP	Central counterparty
	Counterparty credit risk
CCR	Counterparty credit lisk Countercyclical capital buffer
CCyB CEM	
	Current exposure method
CET1	Common equity tier 1
CIS	Collective investment scheme
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
<u>I</u>	
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
Ν	
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
SVaR	Stressed VaR
Т	
TALCO	Tactical Asset and Liability Management
	Committee
TLAC	Total Loss-absorbing Capacity
V	
VaR	Value at risk