星 展 銀 行 （ 香 港 ） 有 限 公 司

DBS BANK (HONG KONG) LIMITED

(Incorporated in Hong Kong with limited liability)

REGULATORY DISCLOSURE STATEMENTS
For the year ended 31 December 2022

DBS BANK (HONG KONG) LIMITED AND ITS SUBSIDIARIES

REGULATORY DISCLOSURES

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DBS BANK (HONG KONG) LIMITED AND ITS SUBSIDIARIES

REGULATORY DISCLOSURES

1 INTRODUCTION

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

For the purposes of calculating the risk-weighted assets ("RWA"), the Bank uses the Internal Ratings-Based ("IRB") approach for the majority of its credit risk exposures and the Standardized approach for those exempted from the IRB approach. The Bank uses the respective Standardized approach for market risk and operational risk.

The numbers in this document are expressed in millions of Hong Kong dollars, unless otherwise stated.

2 SCOPE OF CONSOLIDATION

For regulatory reporting purposes, the Bank computes key regulatory ratios on a combined basis including the Bank and its overseas branch, unless otherwise specified. It is different from the basis of consolidation for accounting purposes.

The following entities are within the Group's accounting scope of consolidation but excluded from its regulatory scope of consolidation.

Name of entity	Principal activities	Total Assets In HK$ millions	Total Equity In HK$ millions
Dao Heng Finance Limited	Inactive	64	63
Hang Lung Bank (Nominee) Limited	Inactive	–	–
DBS Kwong On (Nominees) Limited	Inactive	–	–
Overseas Trust Bank Nominees Limited	Inactive	–	–
Ting Hong Nominees Limited	Provision of nominee, trustee and agency services	–	–
DBS Trustee (Hong Kong) Limited	Inactive	5	5

3 RISK MANAGEMENT APPROACH

In executing our strategic priorities and business opportunities, the Group is faced with economic, financial and other types of risks. These risks are interdependent and require a holistic approach to risk management. Very broadly, these risks can be aligned around the following risk categories:

(i) Credit
(ii) Market
(iii) Liquidity
(iv) Operational
(v) Reputational
(vi) Business and Strategic

The Board oversees the Group's affairs and provides sound leadership for the Chief Executive Officer ("CEO") and management. Authorised by the Board, various board committees oversee specific responsibilities based on clearly defined terms of reference.

Under our risk management approaches, the Board, through the Board Risk Management Committee ("BRMC"), sets our risk appetite, oversees the establishment of enterprise-wide risk management policies and processes, and establishes risk appetite limits to guide the Group's risk-taking. The BRMC also oversees the identification, monitoring, management and reporting of credit, market, liquidity, operational and reputational risks.

To facilitate the BRMC's risk oversight, the following risk management committees have been established:

Risk Management Committees

HK Risk Executive Committee ("Risk ExCo")	As the overall executive body regarding risk matters, the Risk ExCo oversees Group's risk management.
HK Risk Culture and Conduct Committee ("RCCC")	RCCC provides oversight and direction relating to the management and implementation of risk culture and conduct agenda.
HK Product Oversight Committee ("POC")	POC reports to the Risk Exco and oversees the risks associated with new or changed products and services to ensure these are offered in line with the Bank's strategy and risk appetite, in the interest of protecting the Bank's franchise.
HK Credit Risk Committee ("HK CRC") **HK Market and Liquidity Risk Committee ("HK MLRC")** **HK Operational Risk Committee ("HK ORC")**	Each of the committees reports to the Risk ExCo, and serves as an executive forum to discuss and implement Group's risk management. Key responsibilities: • Assess and approve risk-taking activities • Oversee the Group's risk management infrastructure, which includes frameworks, decision criteria, authorities, people, policies, standards, processes, information and systems • Approve risk policies, the evaluation and endorsement of risk models and stress testing programmes • Assess and monitor specific credit concentration • Recommend stress testing scenarios (including macroeconomic variable projections) and review the results The members in these committees comprise representatives from the Risk Management Group ("RMG") as well as key business and support units.

3 RISK MANAGEMENT APPROACH (continued)

Our risk appetite takes into account a spectrum of risk types, and is implemented using thresholds, policies, processes and controls.

Setting thresholds is essential in making the Group's Risk Appetite an intrinsic part of our businesses as they help to keep all our risks within acceptable levels. Portfolio risk limits for the quantifiable risk types are established top down, and these are implemented using frameworks. As for the non-quantifiable risk types, these are managed using qualitative principles.

We manage these risks by diversifying our risk across industries and individual exposures. In addition, the Group relies on specialist knowledge of our regional markets and industry segments to effectively assess our risks.

The Group adopts the Three Lines Model for risk management where each line has clear role and responsibilities. Our business and support units are our first line. Their responsibilities include identification and management of risks arising from their respective areas of responsibilities and ensuring that our operations remain within approved boundaries of our risk appetite and policies.

Risk Management Group, Legal and Compliance and parts of Technology & Operations and Finance form the second line. They are responsible for the development and maintenance of risk management policies and processes and they provide objective review and challenge on the activities undertaken by business and support units.

Group Audit forms the third line. It provides an independent assessment and assurance on the reliability, adequacy and effectiveness of our system of internal controls, risk management, governance framework and processes.

The Group believes that effective safeguards against undesired business conduct have to go beyond a "tick-the-box" mentality. Other than relying on published codes of conduct, the Group also advocates the following organisational safeguards to maintain a strong risk and governance culture:

- Tone from the top
- Aligning strategies and incentives via the balanced scorecard. Performance is assessed against the scorecard to determine remuneration, providing a clear line of sight between employee goals and organisational imperatives.
- Respecting voice of control functions
- Risk ownership
- Having established escalation protocols
- Encouraging constructive challenges at all levels
- Reinforcing cultural alignment

In addition to cultivating a strong risk and governance culture, robust internal control processes and systems have been designed and implemented to support the respective risk management approaches. These are reviewed regularly by the respective risk units to assess and ensure their effectiveness.

3 RISK MANAGEMENT APPROACH (continued)

Risk management reports including exposure and position information for all significant risk areas are provided to the BRMC and management on a regular basis, as deemed appropriate. The Group, through various committees, determines the risk reporting requirements that best suit the business.

This includes the following:

i. risk exposures and profile against risk limits and risk strategy

ii. large risk events and subsequent remedial action plans

iii. market developments such as macroeconomic and country risks, financial and operational risks, risk concentrations and stress tests related to these developments.

Stress testing is an integral part of our risk management process. It includes both sensitivity analysis and scenario analysis, and is conducted regularly. In particular, the Internal Capital Adequacy Assessment Process ("ICAAP") (a Group-wide exercise spanning across risk types) is performed annually. In addition, stress tests are carried out in response to microeconomic and macroeconomic conditions or portfolio developments. Every stress test is documented and the results are reviewed by senior management and/or the BRMC.

Stress testing alerts the management to our potential vulnerability to exceptional but plausible adverse events. As such, stress testing enables us to assess capital adequacy and identify potentially risky portfolio segments as well as inherent systematic risks. This then allows us to develop the right contingency plans, exit strategies and mitigating actions beforehand.

The ICAAP ensures our business plans are consistent with our risk appetite. This is done by comparing the projected demand for capital to the projected supply of capital under various scenarios, including severe macroeconomic stress.

4 KEY PRUDENTIAL RATIOS

The following table provides an overview of the Bank's key prudential ratios which were calculated in accordance with the following Rules, where relevant, issued by the HKMA.

– Banking (Capital) Rules ("BCR")
– Banking (Liquidity) Rules ("BLR")

In HK$ millions		As at 31 December 2022	As at 30 September 2022	As at 30 June 2022	As at 31 March 2022	As at 31 December 2021
	Regulatory Capital (amount)					
1	Common Equity Tier 1 (CET1)	43,417	42,842	41,935	41,529	41,127
2	Tier 1	44,817	44,242	43,335	42,929	42,527
3	Total Capital	48,171	49,507	48,569	47,913	47,364
	RWA (amount)					
4	Total RWA	262,344	282,246	275,296	260,656	249,335
	Risk-based regulatory capital ratios (as a percentage of RWA)					
5	CET1 ratio (%)	16.5	15.2	15.2	15.9	16.5
6	Tier 1 ratio (%)	17.1	15.7	15.7	16.5	17.1
7	Total Capital ratio (%)	18.4	17.5	17.6	18.4	19.0
	Additional CET1 buffer requirements (as a percentage of RWA)					
8	Capital conservation buffer requirement (%)	2.5	2.5	2.5	2.5	2.5
9	Countercyclical capital buffer requirement (%)	0.727	0.714	0.721	0.728	0.749
10	Higher loss absorbency requirements (%) (applicable only to G-SIBs or D-SIBs)	0.0	0.0	0.0	0.0	0.0
11	Total AI-specific CET1 buffer requirements (%)	3.227	3.214	3.221	3.228	3.249
12	CET1 available after meeting the AI's minimum capital requirements (%)	10.4	9.5	9.6	10.4	11.0
	Basel III leverage ratio					
13	Total leverage ratio (LR) exposure measure	515,429	516,070	523,184	510,332	480,340
14	LR (%)	8.7	8.6	8.3	8.4	8.9
	Liquidity Coverage Ratio (LCR) / Liquidity Maintenance Ratio (LMR)					
	Applicable to category 1 institution only:					
15	Total high quality liquid assets (HQLA)	114,679	89,827	80,187	65,236	48,224
16	Total net cash outflows	72,480	58,091	47,362	39,525	30,418
17	LCR (%)	158.2	155.5	171.0	165.7	158.9
	Applicable to category 2 institution only:					
17a	LMR (%)	NA	NA	NA	NA	NA
	Net Stable Funding Ratio (NSFR) / Core Funding Ratio (CFR)					
	Applicable to category 1 institution only:					
18	Total available stable funding	308,301	302,440	303,782	296,917	289,533
19	Total required stable funding	228,024	230,747	238,473	240,908	237,487
20	NSFR (%)	135.2	131.1	127.4	123.2	121.9
	Applicable to category 2A institution only:					
20a	CFR (%)	NA	NA	NA	NA	NA

The increase in capital ratios in the fourth quarter was mainly due to decline in risk-weighted assets driven by lowering of capital floor requirements along with profit accretion partially offset by dividend distribution and reduction of Tier 2 capital instrument.

5 OVERVIEW OF RISK-WEIGHTED ASSETS

The following table sets out the Bank's RWA and the corresponding minimum capital requirements by risk types.

		RWA		Minimum capital requirements[1/]
In HK$ millions		As at 31 December 2022	As at 30 September 2022	As at 31 December 2022
1	Credit risk for non-securitization exposures	210,118	214,480	17,761
2	*Of which STC approach*	11,740	11,098	939
2a	*Of which BSC approach*	–	–	–
3	*Of which foundation IRB approach*	173,541	178,128	14,716
4	*Of which supervisory slotting criteria approach*	24,837	25,254	2,106
5	*Of which advanced IRB approach*	–	–	–
6	Counterparty default risk and default fund contributions	2,337	2,496	198
7	*Of which SA-CCR approach*	2,171	2,421	184
7a	*Of which CEM*	NA	NA	NA
8	*Of which IMM(CCR) approach*	–	–	–
9	*Of which others*	166	75	14
10	CVA Risk	1,182	1,484	95
11	Equity positions in banking book under the simple risk-weight method and internal models method	–	–	–
12	Collective investment scheme ("CIS") exposures – LTA	NA	NA	NA
13	CIS exposures – MBA	NA	NA	NA
14	CIS exposures – FBA	NA	NA	NA
14a	CIS exposures – combination of approaches	NA	NA	NA
15	Settlement Risk	–	–	–
16	Securitization exposures in banking book	–	–	–
17	*Of which SEC – IRBA*	–	–	–
18	*Of which SEC – ERBA (including IAA)*	–	–	–
19	*Of which SEC – SA*	–	–	–
19a	*Of which SEC – FBA*	–	–	–
20	Market risk	1,013	1,052	81
21	*Of which STM approach*	1,013	1,052	81
22	*Of which IMM approach*	–	–	–
23	Capital charge for switch between exposures in trading book and banking book (not applicable before the revised market risk framework takes effect)	NA	NA	NA

5 OVERVIEW OF RISK-WEIGHTED ASSETS (continued)

In HK$ millions		RWA		Minimum capital requirements[1/]
		As at 31 December 2022	As at 30 September 2022	As at 31 December 2022
24	Operational risk	20,375	20,008	1,630
24a	Sovereign concentration risk	–	–	–
25	Amounts below the thresholds for deduction (subject to 250% RW)	93	93	7
26	Capital floor adjustment	15,275	30,368	1,222
26a	Deduction to RWA	(85)	(78)	(7)
26b	*Of which portion of regulatory reserve for general banking risks and collective provisions which is not included in Tier 2 Capital*	(85)	(78)	(7)
26c	*Of which portion of cumulative fair value gains arising from the revaluation of land and buildings which is not included in Tier 2 Capital*	–	–	–
27	Total	250,308	269,903	20,987

1/ *Minimum capital requirements correspond to 8% of the RWA, after applicable scaling factor of 1.06 for exposures measured under the IRB approach.*

The reduction in risk-weighted assets was driven by lowering of capital floor requirements.

DBS BANK (HONG KONG) LIMITED AND ITS SUBSIDIARIES

REGULATORY DISCLOSURES

6 LINKAGES BETWEEN FINANCIAL STATEMENTS AND REGULATORY EXPOSURES

6.1 Differences between Accounting and Regulatory Scopes of Consolidation and Mapping of Financial Statement Categories with Regulatory Risk Categories

The following table shows the differences between the carrying values as reported in the Group's financial statements following the scope of accounting consolidation and the carrying values under the scope of regulatory consolidation, with a breakdown into regulatory risk categories.

The sum of amounts disclosed under column (c) to (g) below can be more than amounts disclosed in column (b) as some of the assets and liabilities, such as derivatives, amount due from/ to banks can be subject to regulatory capital charges for credit risk, counterparty credit risk and market risk.

	As at 31 December 2022						
	a	b	c	d	e	f	g
			Carrying values of items:				
In HK$ millions	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 the market risk framework	not subject to capital requirements or subject to deduction from capital
Assets							
Cash and balances with central banks	4,873	4,873	4,873	–	–	–	–
Government securities and treasury bills	60,083	60,083	57,143	–	–	2,940	–
Due from banks	98,889	98,889	48,695	50,194	–	–	–
Derivatives	3,047	3,047	–	3,035	–	1,853	12
Bank and corporate securities	23,535	23,535	23,524	–	–	11	–
Loans and advances to customers	276,196	276,196	276,196	–	–	–	–
Other assets	5,222	5,222	4,009	83	–	–	1,130
Subsidiaries	–	49	49	–	–	–	–
Properties and other fixed assets	3,862	3,862	3,862	–	–	–	–
Goodwill	168	–	–	–	–	–	–
Total assets	**475,875**	**475,756**	**418,351**	**53,312**	**–**	**4,804**	**1,142**
Liabilities							
Due to banks	10,793	10,793	–	1,672	–	1,672	9,121
Deposits and balances from customers	394,360	394,382	–	–	–	–	394,382
Derivatives	5,290	5,290	–	5,152	–	1,823	138
Certificates of deposit issued	3,105	3,105	–	–	–	–	3,105
Other liabilities	16,544	16,544	–	–	–	2,037	14,507
Amounts due to subsidiaries	–	60	–	–	–	–	60
Subordinated liability	2,339	2,339	–	–	–	–	2,339
Total liabilities	**432,431**	**432,513**	**–**	**6,824**	**–**	**5,532**	**423,652**

6 LINKAGES BETWEEN FINANCIAL STATEMENTS AND REGULATORY EXPOSURES (continued)

6.2 Main Sources of Differences between Regulatory Exposure Amounts and Carrying Values in Financial Statements

The following table provides information on the main sources of differences between regulatory exposure amounts and carrying amounts in the financial statements.

		As at 31 December 2022				
			Items subject to:			
In HK$ millions		Total	credit risk framework	securitization framework	counterparty credit risk framework	market risk framework
1	**Assets carrying value amount under scope of regulatory consolidation**	474,614	418,351	–	53,312	4,804
2	Liabilities carrying value amount under regulatory scope of consolidation	8,861	–	–	6,824	5,532
3	Total net amount under regulatory scope of consolidation	465,753	418,351	–	46,488	(728)
4	Off-balance sheet amounts	233,174	65,471	–	–	–
5	Default Risk Exposures	3,787	–	–	3,787	–
6	Differences due to allowances[1/]	3,436	3,436	–	–	–
7	Other differences	4,388	(1,109)	–	5,498	–
8	**Exposure amounts considered for regulatory purposes**	**710,538**	**486,149**	**–**	**55,773**	**(728)**

Explanations of differences between carrying amounts in financial statement and regulatory exposure amounts

The key differences between accounting carrying amounts and regulatory exposures amounts are:

(i) Off-balance sheet amounts: Off-balance sheet amounts include contingent liabilities and undrawn portions of committed facilities after application of credit conversion factors;

(ii) Default risk exposures: Derivative regulatory exposures are netted (where an enforceable master netting agreement is in place) and also include potential future exposures and replacement cost;

(iii) Differences due to allowances[1/]: The carrying values of assets in the financial statement are net of allowances. However, regulatory exposures under IRB approach are gross of all allowances, while those under STD approach are net of specific allowances; and

(iv) Other differences: These mainly include acceptances that included as contingencies in accordance with the BCR whilst recognized as balance sheet item for accounting purpose, recognition of credit risk mitigation, and inclusion of repurchase agreement for counterparty credit risk, etc.

1/ Allowances refer to specific allowances (Expected Credit Loss Stage 3) and general allowances (Expected Credit Loss Stage 1 and 2)

6 LINKAGES BETWEEN FINANCIAL STATEMENTS AND REGULATORY EXPOSURES (continued)

6.3 Prudent Valuation Adjustments

The following table provides a breakdown of the elements of prudent valuation adjustments.

		As at 31 December 2022							
In HK$ millions		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:	–	–	–	13	–	13	–	13
2	Mid-market value	–	–	–	–	–	–	–	–
3	Close out costs	–	–	–	–	–	–	–	–
4	Concentration	–	–	–	13	–	13	–	13
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**	**–**	**–**	**–**	**13**	**–**	**13**	**–**	**13**

Section 4A of the Banking (Capital) Rules sets out the standards for valuing financial instruments that are accounted for at fair value, regardless of whether these are booked in the trading or banking book, for the purpose of determining capital requirements. Banks are required to apply prudence and make appropriate adjustments, taking into account valuation uncertainties. Valuation adjustments taken in addition to that which has been incorporated into the financial statements are known as prudent valuation adjustments ("PVA"). PVA is deducted from CET1 capital.

The Group maintains policies, systems and controls for the calculation of valuation adjustments, including PVA. The Group's PVA methodology addresses fair value uncertainties arising from the following factors (where relevant): concentrated positions, unearned credit spreads, close out costs, operational risks, early termination costs, investing and funding costs, future administrative costs and model risk.

Please refer to Note 31 Fair Value of Financial Instruments of the financial statements for details of valuation process of the Group.

7 COMPOSITION OF REGULATORY CAPITAL

7.1 Composition of Regulatory Capital

As at 31 December 2022		**Component of regulatory capital In HK$ millions**	Cross-referenced to Section 7.2 Source based on reference numbers of the balance sheet under regulatory scope of consolidation
	CET1 capital: instruments and reserves		
1	Directly issued qualifying CET1 capital instruments plus any related share premium	8,995	(4)
2	Retained earnings	34,535	(6)
3	Disclosed reserves	(1,687)	(9)
4	*Directly issued capital subject to phase-out arrangements from CET1 (only applicable to non-joint stock companies)*	NA	NA
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**	41,843	
	CET1 capital: regulatory deductions		
7	Valuation adjustments	13	
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)	1,130	(2)
11	Cash flow hedge reserve	(3,445)	(10)
12	Excess of total EL amount over total eligible provisions under the IRB approach	–	
13	Credit-enhancing interest-only strip, and any gain-on-sale and other increase in the CET1 capital arising from securitization transactions	–	
14	Gains and losses due to changes in own credit risk on fair valued liabilities	–	
15	Defined benefit pension fund net assets (net of associated deferred tax liabilities)	–	
16	Investments in own CET1 capital instruments (if not already netted off paid-in capital on reported balance sheet)	–	
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)	–	

7 COMPOSITION OF REGULATORY CAPITAL (continued)

7.1 Composition of Regulatory Capital (continued)

As at 31 December 2022		**Component of regulatory capital In HK$ millions**	Cross-referenced to Section 7.2 Source based on reference numbers of the balance sheet under regulatory scope of consolidation
20	Mortgage servicing rights (net of associated deferred tax liabilities)	NA	NA
21	Deferred tax assets arising from temporary differences (net of associated deferred tax liabilities)	NA	NA
22	Amount exceeding the 15% threshold	NA	NA
23	of which: significant investments in the ordinary share of financial sector entities	NA	NA
24	of which: mortgage servicing rights	NA	NA
25	of which: deferred tax assets arising from temporary differences	NA	NA
26	National specific regulatory adjustments applied to CET1 capital	728	
26a	Cumulative fair value gains arising from the revaluation of land and buildings (own-use and investment properties)	–	
26b	Regulatory reserve for general banking risks	728	(7)
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**	(1,574)	
29	**CET1 capital**	43,417	
	AT1 capital: instruments		
30	Qualifying AT1 capital instruments plus any related share premium	1,400	
31	of which: classified as equity under applicable accounting standards	1,400	(5)
32	of which: classified as liabilities under applicable accounting standards	–	
33	*Capital instruments subject to phase-out arrangements from AT1 capital*	–	

7 COMPOSITION OF REGULATORY CAPITAL (continued)

7.1 Composition of Regulatory Capital (continued)

As at 31 December 2022		Component of regulatory capital In HK$ millions	Cross-referenced to Section 7.2 Source based on reference numbers of the balance sheet under regulatory scope of consolidation
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**	1,400	
	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**	1,400	
45	**Tier 1 capital (T1 = CET1 + AT1)**	44,817	
	Tier 2 capital: instruments and provisions		
46	Qualifying Tier 2 capital instruments plus any related share premium	2,339	(3)
47	*Capital instruments subject to phase-out arrangements from Tier 2 capital*	–	
48	Tier 2 capital instruments issued by consolidated bank subsidiaries and held by third parties (amount allowed in Tier 2 capital of the consolidation group)	–	
49	*of which: capital instruments issued by subsidiaries subject to phase-out arrangements*	–	
50	Collective provisions and regulatory reserve for general banking risks eligible for inclusion in Tier 2 capital	1,015	(8) – (1)
51	**Tier 2 capital before regulatory deductions**	3,354	
	Tier 2 capital: regulatory deductions		
52	Investments in own Tier 2 capital instruments	–	

7 COMPOSITION OF REGULATORY CAPITAL (continued)

7.1 Composition of Regulatory Capital (continued)

As at 31 December 2022		Component of regulatory capital In HK$ millions	Cross-referenced to Section 7.2 Source based on reference numbers of the balance sheet under regulatory scope of consolidation
53	Reciprocal cross-holdings in Tier 2 capital instruments and non-capital LAC liabilities	–	
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)	–	
54a	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 defined as “section 2 institution” under §2(1) of Schedule 4F to BCR only)	–	
55	Significant LAC investments in Tier 2 capital instruments issued by financial sector entities that are outside the scope of regulatory consolidation (net of eligible short positions)	–	
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	–	
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	–	
56b	Regulatory deductions applied to Tier 2 capital to cover the required deductions falling within §48(1)(g) of BCR	–	
57	**Total regulatory adjustments to Tier 2 capital**	–	
58	**Tier 2 capital (T2)**	3,354	
59	**Total regulatory capital (TC = T1 + T2)**	48,171	
60	**Total RWA**	262,344	
	Capital ratios (as a percentage of RWA)		
61	**CET1 capital ratio**	16.5%	
62	**Tier 1 capital ratio**	17.1%	
63	**Total capital ratio**	18.4%	
64	**Institution-specific buffer requirement (capital conservation buffer plus countercyclical capital buffer plus higher loss absorbency requirements)**	3.227%	
65	of which: capital conservation buffer requirement	2.5%	

7 COMPOSITION OF REGULATORY CAPITAL (continued)

7.1 Composition of Regulatory Capital (continued)

As at 31 December 2022		Component of regulatory capital In HK$ millions	Cross-referenced to Section 7.2 Source based on reference numbers of the balance sheet under regulatory scope of consolidation
66	of which: bank specific countercyclical capital buffer requirement	0.727%	
67	of which: higher loss absorbency requirement	0.0%	
68	CET1 (as a percentage of RWA) available after meeting minimum capital requirements	10.4%	
	National minima (if different from Basel 3 minimum)		
69	National CET1 minimum ratio	NA	NA
70	National Tier 1 minimum ratio	NA	NA
71	National Total capital minimum ratio	NA	NA
	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	1,133	
73	Significant LAC investments in CET1 capital instruments issued by financial sector entities that are outside the scope of regulatory consolidation	37	
74	Mortgage servicing rights (net of associated deferred tax liabilities)	NA	NA
75	Deferred tax assets arising from temporary differences (net of associated deferred tax liabilities)	NA	NA
	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)	234	
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	149	
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)	866	
79	Cap for inclusion of provisions in Tier 2 under the IRB approach and SEC-IRBA	1,276	

7 COMPOSITION OF REGULATORY CAPITAL (continued)

7.1 Composition of Regulatory Capital (continued)

As at 31 December 2022		Component of regulatory capital In HK$ millions	Cross-referenced to Section 7.2 Source based on reference numbers of the balance sheet under regulatory scope of consolidation
	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*	NA	NA
81	*Amount excluded from CET1 due to cap (excess over cap after redemptions and maturities)*	NA	NA
82	*Current cap on AT1 capital instruments subject to phase-out arrangements*	–	
83	*Amount excluded from AT1 capital due to cap (excess over cap after redemptions and maturities)*	–	
84	*Current cap on Tier 2 capital instruments subject to phase-out arrangements*	–	
85	*Amount excluded from Tier 2 capital due to cap (excess over cap after redemptions and maturities)*	–	

Note to the template

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

Row No.	Description	Hong Kong basis In HK$ millions	Basel III basis In HK$ millions
10	**Deferred tax assets (net of associated deferred tax liabilities)**	1,130	–
	Explanation As set out in paragraphs 69 and 87 of the Basel III text issued by the Basel Committee (December 2010), DTAs of the bank to be realized are to be deducted, whereas DTAs which relate to temporary differences may be given limited recognition in CET1 capital (and hence be excluded from deduction from CET1 capital up to the specified threshold). In Hong Kong, an AI is required to deduct all DTAs in full, irrespective of their origin, from CET1 capital. Therefore, the amount to be deducted as reported in row 10 may be greater than that required under Basel III. The amount reported under the column “Basel III basis” in this box represents the amount reported in row 10 (i.e. the amount reported under the “Hong Kong basis”) adjusted by reducing the amount of DTAs to be deducted which relate to temporary differences to the extent not in excess of the 10% threshold set for DTAs arising from temporary differences and the aggregate 15% threshold set for MSRs, DTAs arising from temporary differences and significant investments in CET1 capital instruments issued by financial sector entities (excluding those that are loans, facilities or other credit exposures to connected companies) under Basel III.		

7 COMPOSITION OF REGULATORY CAPITAL (continued)

7.2 Reconciliation of Regulatory Capital to Balance Sheet

In HK$ millions	Balance sheet as in published financial statements As at 31 December 2022	Under regulatory scope of consolidation As at 31 December 2022	Cross-referenced to Composition of Regulatory Capital in Section 7.1
Assets			
Cash and balances with central banks	4,873	4,873	
Government securities and treasury bills	60,083	60,083	
Due from banks	98,889	98,889	
Derivatives	3,047	3,047	
Bank and corporate securities	23,535	23,535	
Loans and advances to customers	276,196	276,196	
of which: Allowances eligible for inclusion in Tier 2 capital		*(990)*	(1)
Other assets	5,222	5,222	
of which: Deferred tax assets		*1,130*	(2)
Subsidiaries	–	49	
Properties and other fixed assets	3,862	3,862	
Goodwill	168	–	
Total assets	**475,875**	**475,756**	
Liabilities			
Due to banks	10,793	10,793	
Deposits and balances from customers	394,360	394,382	
Derivatives	5,290	5,290	
Certificates of deposit issued	3,105	3,105	
Other liabilities	16,545	16,544	
Amount due to subsidiaries	–	60	
Subordinated liability	2,339	2,339	(3)
Total liabilities	**432,432**	**432,513**	
Equity			
Share capital	8,995	8,995	(4)
Other equity instruments	1,400	1,400	(5)
Reserves	33,048	32,848	
Retained earnings		*34,535*	(6)
of which: Regulatory reserve for general banking risks		*728*	(7)
of which: Regulatory reserve eligible for inclusion in Tier 2 capital		*25*	(8)
Other reserves		*(1,687)*	(9)
of which: Cash flow hedge reserves		*(3,445)*	(10)
Total equity	**43,443**	**43,243**	
Total liabilities and equity	**475,875**	**475,756**	

REGULATORY DISCLOSURES

7 COMPOSITION OF REGULATORY CAPITAL (continued)

7.3 Main Features of Regulatory Capital Instruments

The following disclosures are made solely pursuant to the requirements of the Banking (Disclosures) Rules issued by the HKMA. They are not a summary of the terms, do not purport to be complete, and should be read in conjunction with, and are qualified in their entirety by, the relevant transaction documents available at https://www.dbs.com/hongkong/en/financials/regulatory-captial-instruments.page. This includes the issuances made over the previous period.

	As at 31 December 2022	**CET 1 Capital Ordinary Shares**	**Additional Tier 1 Capital HK$1.4b Perpetual Capital Securities issued in January 2022**	**Tier 2 Capital US$300m Subordinated Loan issued in December 2022**
1	Issuer	DBS Bank (Hong Kong) Limited	DBS Bank (Hong Kong) Limited	DBS Bank (Hong Kong) Limited
2	Unique identifier (eg CUSIP, ISIN or Bloomberg identifier for private placement)	NA	NA	NA
3	Governing law(s) of the instrument	Hong Kong law	Hong Kong law	Hong Kong law
	Regulatory treatment			
4	Transitional Basel III rules	NA	NA	NA
5	Post-transitional Basel III rules	Common Equity Tier 1	Additional Tier 1	Tier 2
6	Eligible at solo/ group/ group & solo	Solo	Solo	Solo
7	Instrument type	Ordinary Shares	Capital securities	Subordinated loan
8	Amount recognized in regulatory capital (currency in millions, as of most recent reporting date)	HK$8,995 million	HK$1,400 million	HK$2,339 million
9	Par value of instrument	NA	HK$1,400 million	US$300 million
10	Accounting classification	Shareholders' equity	Shareholders' equity	Liability – amortized cost
11	Original date of issuance	Various dates	13 January 2022	13 December 2022
12	Perpetual or dated	Perpetual	Perpetual	Dated
13	Original maturity date	No maturity	No maturity	13 December 2032
14	Issuer call subject to prior supervisory approval	No	Yes	Yes

7 COMPOSITION OF REGULATORY CAPITAL (continued)

7.3 Main Features of Regulatory Capital Instruments (continued)

		CET 1 Capital Ordinary Shares	Additional Tier 1 Capital HK$1.4b Perpetual Capital Securities issued in January 2022	Tier 2 Capital US$300m Subordinated Loan issued in December 2022
15	Optional call date, contingent call dates and redemption amount	NA	First optional call date: 13 January 2027 Contingent call dates: Change of Qualification Event, redemption for taxation reasons Redemption amount: Principal amount together with accrued and unpaid distributions	First optional call date: 13 December 2027 Contingent call dates: Change of Qualification Event or Tax Event Redemption amount: Principal amount together with accrued and unpaid interest
16	Subsequent call dates, if applicable	NA	Optional call dates – any date after 13 January 2027	Optional call dates – any date after 13 December 2027
	Coupons / dividends			
17	Fixed or floating dividend / coupon	Discretionary dividend amount	Fixed	Floating
18	Coupon rate and any related index	NA	2.86% per annum	The interest rate shall be calculated by the Benchmark Rate plus 1.87 per cent. Per annum The Benchmark Rate for each Interest Period shall be equal to the value of the compounded average daily Secured Overnight Financing Rates for each day during the relevant Interest Rate Period as calculated on the fifth U.S. Government Securities Business Day prior to the last day of each Interest Period in the manner stated in Clause 4(ii) of the Tier 2 Loan Agreement
19	Existence of a dividend stopper	NA	Yes	No

7 COMPOSITION OF REGULATORY CAPITAL (continued)

7.3 Main Features of Regulatory Capital Instruments (continued)

		CET 1 Capital Ordinary Shares	Additional Tier 1 Capital HK$1.4b Perpetual Capital Securities issued in January 2022	Tier 2 Capital US$300m Subordinated Loan issued in December 2022
20	Fully discretionary, partially discretionary or mandatory	Fully discretionary	Fully discretionary	Mandatory
21	Existence of step-up or other incentive to redeem	No	No	No
22	Non-cumulative or cumulative	Non-cumulative	Non-cumulative	Non-cumulative
23	Convertible or non-convertible	Non-convertible	Non-convertible	Non-convertible
24	If convertible, conversion trigger(s)	NA	NA	NA
25	If convertible, fully or partially	NA	NA	NA
26	If convertible, conversion rate	NA	NA	NA
27	If convertible, mandatory or optional conversion	NA	NA	NA
28	If convertible, specify instrument type convertible into	NA	NA	NA
29	If convertible, specify issuer of instrument it converts into	NA	NA	NA
30	Write-down feature	No	Yes	Yes

7 COMPOSITION OF REGULATORY CAPITAL (continued)

7.3 Main Features of Regulatory Capital Instruments (continued)

		CET 1 Capital Ordinary Shares	Additional Tier 1 Capital HK$1.4b Perpetual Capital Securities issued in January 2022	Tier 2 Capital US$300m Subordinated Loan issued in December 2022
31	If write-down, write-down trigger(s)	NA	Trigger event is the earlier of: (i)The HKMA notifying the Bank in writing that it is of the opinion that a write-off is necessary, without which the Bank would become non-viable; and (ii)The HKMA notifying the Bank in writing that a decision has been made by the government body, a government officer or other relevant regulatory body with the authority to make such a decision, that a public sector injection of capital or equivalent support is necessary, without which the Bank would become non-viable.	Trigger event is the earlier of: (i)The HKMA notifying the Bank in writing that it is of the opinion that a write-off is necessary, without which the Bank would become non-viable, or (ii)The HKMA notifying the Bank in writing that a decision has been made by the government body, a government officer or other relevant regulatory body with the authority to make such a decision, that a public sector injection of capital or equivalent support is necessary, without which the Bank would become non-viable.
32	If write-down, full or partial	NA	Fully or partially	Fully or partially
33	If write-down, permanent or temporary	NA	Permanent	Permanent
34	If temporary write-down, description of write-up mechanism	NA	NA	NA
35	Position in subordination hierarchy in liquidation (specify instrument type immediately senior to instrument in the insolvency creditor hierarchy of the legal entity concerned)	Immediately subordinated to Additional Tier 1 capital instruments	Immediately subordinated to Tier 2 capital instruments	Immediately subordinated to unsubordinated creditors and all other Subordinated Creditors of the Bank whose claims are expressed to rank, by its terms or by operation of law, senior to the Tier 2 Loan.

7 COMPOSITION OF REGULATORY CAPITAL (continued)

7.3 Main Features of Regulatory Capital Instruments (continued)

		CET 1 Capital Ordinary Shares	Additional Tier 1 Capital HK$1.4b Perpetual Capital Securities issued in January 2022	Tier 2 Capital US$300m Subordinated Loan issued in December 2022
36	Non-compliant transitioned features	No	No	No
37	If yes, specify non-compliant features	NA	NA	NA

8 COUNTERCYCLICAL CAPITAL BUFFER

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

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

In HK$ millions		**As at 31 December 2022**			
	Geographical breakdown by Jurisdiction (J)	**Applicable JCCyB ratio in effect (%)**	**RWA used in computation of CCyB ratio**	**AI-specific CCyB ratio (%)**	**CCyB amount**
1	Hong Kong SAR	1.0	139,500		
2	Sweden	1.0	18		
3	United Kingdom	1.0	2,587		
	Sum		142,105		
	Total		**195,522**	**0.727%**	**1,907**

9 LEVERAGE RATIO

9.1 Summary Comparison of Accounting Assets Against Leverage Ratio Exposure Measure

The following tables provide a reconciliation of the Group's balance sheet assets with the leverage ratio exposure measure and the breakdown of the Bank's leverage ratio regulatory elements.

In HK$ millions

	Item	**Value under the LR framework As at 31 December 2022**
1	Total consolidated assets as per published financial statements	475,875
2	Adjustment for investments in banking, financial, insurance or commercial entities that are consolidated for accounting purposes but outside the scope of regulatory consolidation	37
2a	Adjustment for securitized exposures that meet the operational requirements for the recognition of risk transference	–
3	Adjustment for fiduciary assets recognized 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	1,851
5	Adjustment for SFTs (i.e. repos and similar secured lending)	548
6	Adjustment for off-balance sheet ("OBS") items (i.e. conversion to credit equivalent amounts of OBS exposures)	36,888
6a	Adjustment for prudent valuation adjustments and specific and collective provisions that are allowed to be excluded from exposure measure	(164)
7	Other adjustments	394
8	**Leverage ratio exposure measure**	515,429

9 LEVERAGE RATIO (continued)

9.2 Leverage Ratio

In HK$ millions		As at 31 December 2022	As at 30 September 2022
On-balance sheet exposures			
1	On-balance sheet exposures (excluding those arising from derivative contracts and SFTs, but including collateral)	423,206	450,517
2	Less: Asset amounts deducted in determining Tier 1 capital	1,574	2,158
3	**Total on-balance sheet exposures (excluding derivative contracts and SFTs)**	**424,780**	**452,675**
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)	2,191	2,378
5	Add-on amounts for PFE associated with all derivative contracts	2,740	3,456
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	(33)	(116)
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**	**4,898**	**5,718**
Exposures arising from SFTs			
12	Gross SFT assets (with no recognition of netting), after adjusting for sale accounting transactions	51,943	27,452
13	Less: Netted amounts of cash payables and cash receivables of gross SFT assets	–	–
14	CCR exposure for SFT assets	548	181
15	Agent transaction exposures	–	–
16	**Total exposures arising from SFTs**	**52,491**	**27,633**
Other off-balance sheet exposures			
17	Off-balance sheet exposure at gross notional amount	233,174	223,239
18	Less: Adjustments for conversion to credit equivalent amounts	(196,286)	(189,495)
19	**Off-balance sheet items**	**36,888**	**33,744**
Capital and total exposures			
20	**Tier 1 capital**	**44,817**	**44,242**
20a	Total exposures before adjustments for specific and collective provisions	519,057	519,770
20b	Adjustments for specific and collective provisions	(3,628)	(3,700)
21	**Total exposures after adjustments for specific and collective provisions**	**515,429**	**516,070**
Leverage ratio			
22	**Leverage ratio (%)**	**8.7**	**8.6**

10 CREDIT RISK

10.1 Qualitative Disclosures

10.1.1 General Qualitative Disclosures

Credit risk arises from borrowers or counterparties failing to meet their debt or contractual obligations. It includes both the risk of lending as well as the pre-settlement and settlement risk of foreign exchange, derivatives and debt securities.

RMG-Credit Risk unit acts as a second line responsible for the development and maintenance of credit risk management and internal control frameworks. It provides an independent review and challenges the first line (e.g. Business Units) who, together with RMG-Credit Risk unit, are responsible for the identification, assessment and management of risk on an end-to-end basis and in conformity with approved risk appetite and policies.

Various functions under RMG-Credit Risk unit report to the Hong Kong Senior Risk Executive:

- Credit risk managers approve and control credit risk and portfolio quality as well as ensure legal, regulatory and compliance obligation issues are addressed
- Credit control units monitor compliance with credit risk policies and standards of the Group and perform independent checks on completeness of documentation and compliance of credit conditions
- Credit remediation units are responsible for establishing, formalising and standardising the end-to-end process to identify, categorise, review and monitor problem credits

RMG-Credit Risk unit also partners the Legal and Compliance units to ensure all risk-taking activities abide by all regulations, while Group Audit serves as a third line to provide an independent assessment and assurance on the reliability, adequacy and effectiveness of the risk management, control and governance processes in operation throughout the Group.

The Group's credit risk management is supported by policies which cover credit risk management process and establish a consistent Group-wide approach for managing credit risk in a structured, systematic and consistent manner.

These policies, supplemented by a number of operational standards and guides, ensure consistency in identifying, assessing, underwriting, measuring, reporting and controlling credit risk across the Group, and provide guidance in the formulation of business-specific and/or location-specific credit risk policies and standards.

Day-to-day monitoring of credit exposures, portfolio performance and external environmental factors potentially affecting credit risk profiles is key to the Group's philosophy of effective credit risk management. Credit trends, which may include industry analysis, early warning alerts and significant weak credits are submitted to the various risk committees. Please refer to Section 3 on the risk management committees established to discuss the various risk types.

In managing its portfolio risk profile, the Group has put in place the Target Market & Risk Acceptance Criteria ("TM-RAC") that support the Group's portfolio strategy and ensure well-defined and consistent customer onboarding standards across the Group.

DBS Group Holdings Ltd ("DBSH")'s Delegation of Authority ("DOA") Standard sets out the level of risk-based credit authority required to approve total facilities to a DOA group, taking into consideration credit risk rating and various risk parameters of the facilities. The Group's ultimate credit authority rests with the Group's Board of Directors.

The Group engages in various types of credit stress testing, and these are driven either by regulators or internal requirements and management. Independent risk management functions that report to the Senior Risk Executive are jointly responsible for developing and maintaining a robust credit stress testing programme. These units oversee the implementation of credit stress tests as well as the analysis of the results, of which the management, various risk committees and regulators are informed.

10 CREDIT RISK (continued)

10.1 Qualitative Disclosures (continued)

10.1.2 Qualitative Disclosures related to CRM techniques

The Group's policies provide detailed policy requirements and references on:

- Eligible collaterals
- Collateral valuation and valuation method
- Appointment of valuers/appraisers
- Loan-to-valuation/margin calls

Core processes for collateral evaluation include:

- Frequency of valuation for the various asset classes
- In the case of classified credits, the minimum discount to be applied to the Net Book Value/Fair Market Value
- Ownership and approving authority
- Deviations

Where possible, the Group takes collateral as a secondary source of repayment. This includes, but not limited to, cash, marketable securities, real estate, trade receivables, inventory, equipment and other physical and/or financial collateral. The Group may also take fixed and floating charges on the assets of borrowers.

The Group's collateral is generally diversified and periodic valuations of collateral are required. Real estate constitutes the bulk of the Group's collateral, with a significantly lower proportion in marketable securities and cash.

For derivatives, repurchase agreements ("repo") and other repo-style transactions with financial market counterparties, collateral arrangements are typically covered under market-standard documentation, such as International Swaps & Derivatives Association ("ISDA") Agreements and Master Repurchase Agreements. The collateral received is marked-to-market on a frequency that the Group and the counterparties have mutually agreed upon. This is governed by internal guidelines with respect to collateral eligibility. In the event of a default, the credit risk exposure is reduced by master-netting arrangements where the Group is allowed to offset what is owed to a counterparty against what is due from that counterparty in a netting-eligible jurisdiction.

In times of difficulty, the Group will review the customers' specific situation and circumstances to assist them in restructuring their financial obligations. However, should the need arise, disposal and recovery processes are in place to dispose of collateral held. The Group maintains a panel of agents and solicitors to assist in the disposal of non-liquid assets and specialised equipment quickly.

The Group also accepts guarantees as credit risk mitigants. Internal requirements for considering the eligibility of guarantors for credit risk mitigation are in place.

10.1.3 Qualitative Disclosures on the use of External Credit Ratings under STC approach

The Bank uses external ratings for credit exposures under the Standardized Approach where relevant and only accepts ratings from Standard & Poor's Rating Services, Moody's Investors Services and Fitch Ratings. There has been no change in this regard during the reporting period. The Bank follows the processes prescribed in the BCR to map the ratings to the relevant risk weights across various asset classes under the Standardised Approach.

10 CREDIT RISK (continued)

10.1 Qualitative Disclosures (continued)

10.1.4 Qualitative Disclosures for IRBA Models

Structure and control mechanisms for internal rating systems

The Bank adopts rating systems for the different asset classes under Internal Ratings Based Approach ("IRB"). There is a robust governance process for the development, independent validation and approval of any credit risk rating model. The roles and responsibilities between various stakeholders in the model development and management process are articulated in the Model Risk Policy. This policy applies to the Group, including its banking subsidiaries on a group basis. The models go through a rigorous review process prior to endorsement by Hong Kong Credit Risk Committee of the Bank and Group Credit Risk Model Committee of DBSH. The models have also been approved by Risk Executive Committee and Board Risk Management Committee of the Bank and Risk Executive Committee and Board Risk Management Committee of DBSH before submission for relevant regulatory approval.

To ensure the adequacy and robustness of these rating systems on a continual basis, the Bank conducts regular performance monitoring on these rating systems and reports the results to the relevant Group Risk Committees; the main findings of the monitoring outcome is also reported to the Board Risk Management Committee of the Bank. RMG-Model Validation unit also conducts formal validations for the respective models annually. The validation processes are also independently reviewed by Internal Audit. This process ensures that any material deterioration in the rating system performance is highlighted for management's attention.

Use of internal estimates

The internal credit risk ratings produced by credit rating models are used to calculate the IRB approach capital requirements. In addition, the ratings from the credit models are used as the basis to support the underwriting of credit, monitoring the performance of the portfolios, reporting, stress testing, risk rating migration and to facilitate the calculation for risk based pricing as appropriate.

For portfolios under the Foundation Internal Rating Based Approach ("F-IRB"), internal estimates of Probability of Default ("PD") are used while the supervisory Loss Given Default ("LGD") and Exposure at Default ("EAD") estimates are applied. For retail portfolios under the Retail-IRB approach, internal estimates of PD, LGD and EAD are used. Relevant regulatory floors are applied in regulatory capital calculation and reporting.

Nature of exposures within IRB approach

Retail Portfolios

Retail portfolios are categorised into the following asset classes under the Retail IRB approach: residential mortgages, qualifying revolving retail exposures, small business retail exposures and other retail exposures to individuals.

Portfolios on Retail-IRB approach constitute 16% of the Bank's Credit EAD and 15% of the Bank's Credit RWA.

10 CREDIT RISK (continued)

10.1 Qualitative Disclosures (continued)

10.1.4 Qualitative Disclosures for IRBA Models (continued)

Within each asset class, exposures are managed on a portfolio basis. Each customer or account is assigned to a PD, LGD and EAD risk pool, which are updated on a monthly basis, considering factors such as borrower characteristics and collateral type. PD, EAD and LGD estimates are based on internal historical default, utilisation and realised losses respectively within a defined period. Default is identified at facility level. Product-specific credit elements such as underwriting criteria, scoring models, approving authorities, asset quality and business strategy reviews, as well as systems, processes and techniques to monitor portfolio performance, are in place.

Wholesale Portfolios

Wholesale exposures comprise sovereign, bank, corporate, corporate small business (which are assessed under Foundation IRB approach for capital computation) and specialised lending (which is assessed under the supervisory slotting criteria approach for capital computation) and wealth management portfolio (which are assessed under Foundation IRB approach for capital computation).

Portfolios on Wholesales Foundation-IRB approach (excluding Specialized Lending) constitute 72% of the Bank's Credit EAD and 65% of the Bank's Credit RWA.

Sovereign exposures are risk rated using internal risk rating models and guidelines in line with Foundation IRB portfolios. The models are built through statistical methods using external data (e.g., macroeconomic information and external ratings). Factors related to country-specific macroeconomics risk, political risk, social risk and liquidity risk are included in the sovereign rating models to assess the sovereign credit risk in an objective and systematic manner.

Bank exposures are assessed using a bank rating model, a statistical model that considers both quantitative and qualitative factors such as capital levels and liquidity, asset quality, and management strength.

Large corporate exposures are assessed using internal rating model. It is a statistical model built based on internal data and calibrated to internal default experience, incorporating the impact of economic cycles(s). Factors considered in the risk assessment process include the counterparty's financial strength and qualitative factors such as industry risk, access to funding, market standing and management strength. The Counterparty Risk Rating assigned to smaller business borrowers is assessed via internal rating model. It is a statistical model that considers financial and non-financial factors such as liquidity, leverage, debt servicing ratio and borrower profile etc. Risk rating for Wealth Management portfolio is primarily based on borrower characteristics and collateral coverage, market volatility and assessment on the borrower's willingness to repay. The model is a statistical model built based on internal data and calibrated to internal default experiences.

Credit ratings under the Foundation IRB portfolios are reviewed on an annual basis at a minimum unless credit conditions require more frequent assessment. The Counterparty Risk Rating process is reinforced by the Facility Risk Rating Framework which considers other exposure risk mitigations, such as collateral, third party guarantees and transfer risks.

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

10 CREDIT RISK (continued)

10.1 Qualitative Disclosures (continued)

10.1.4 Qualitative Disclosures for IRBA Models (continued)

Wholesale exposures (continued)

– Subjective default: Borrower is considered to be unlikely to pay its credit obligations in full, without the Bank taking action such as realising security (if held).

– Technical default: Borrower is more than 90 days past due on any credit obligation to the Bank.

Other exposures mainly comprise of premises, equipment and other fixed assets and notes and coins, which are assessed under specific risk-weight approach.

In Other Portfolios, portfolios on Standardized approach account for 4% of the Bank's Credit EAD and 5% of the Bank's Credit RWA. The remaining portions are mainly Specialized Lending under Supervisory Slotting Criteria Approach and other exposures under Specific Risk Weight Approach.

Definitions of variables

The Group-wide credit risk rating framework incorporates PD of a counterparty and loss severity expressed in terms of EAD and LGD.

PD expressed as a percentage, measures the likelihood that a borrower defaults on its obligation over a period of one year.

LGD expressed as a percentage, is the loss likely to be incurred on an exposure upon default of an obligor relative to the amount outstanding at default.

EAD is the expected amount of an exposure that the Group is exposed to upon the default of an obligor, which is the sum of the on-balance sheet amounts and/or credit equivalent of the off-balance sheet amounts multiplied by a credit conversion factor determined in accordance with the Banking (Capital) Rules.

Methods and data for estimation and validation of the PD, LGD and EAD

For retail exposures, facilities/borrowers with homogenous nature of facility utilisation, payment history, delinquency trend and other transaction characteristics are segmented into homogenous risk pools. PD is estimated by each risk pool based on long run average of historical internal default experience with appropriate adjustment to reflect adverse economic condition to ensure conservatism for capital calculation. The LGD is estimated by dividing the loss by EAD. Loss represents the written-off or specific provision amounts plus collection costs at the end of LGD workout period after netting off recoveries. The LGD is calibrated to reflect adverse economic condition to ensure conservatism for capital calculation. For retail non-revolving exposures, EAD estimation is based on the sum of current outstanding. For retail revolving exposures, EAD estimation is referring to projected further drawdown prior to defaults based on historical experience.

For wholesale exposures (including corporate, corporate small business, bank and sovereign exposures), PD generated by models and/or rating templates for individual counterparty is reviewed by credit risk managers. An Adjusted Counterparty Risk Rating ("ACRR") is assigned by taking the counterparty's PD and mapping it to the Bank's internal ACRR scale. For wealth management exposures, a risk pool is assigned to each borrower that reflects the likelihood of default. The Bank applies the LGD determined by reference to the supervisory LGD estimates provided by the HKMA based on the nature of the collateral and subordination. These supervisory LGD estimates are used in the computation of risk-weights and regulatory capital calculations for the portfolios. EAD estimation is subject to parameters set by the HKMA.

10 CREDIT RISK (continued)

10.1 Qualitative Disclosures (continued)

10.1.4 Qualitative Disclosures for IRBA Models (continued)

Methods and data for estimation and validation of the PD, LGD and EAD (continued)

ACRR is estimated using a 11-grade scale expanded into 19 risk ratings to provide greater rating granularity that corresponds more closely to the Standard & Poor's ("S&P") rating scale. 14 of which are non-default ratings representing varying degrees of strength of financial condition, and 5 are default ratings. These scales are used group-wide for all distinct borrowers.

For specialised lending exposure, rating is assigned based on the borrower and transaction characteristics. Specialised lending is a type of exposure typically towards an entity specifically created to finance or operate physical assets where the primary source of income and repayment of the obligation lies directly with the assets being financed. The Bank uses supervisory slotting criteria approach in rating its regulatory specialised lending exposure by adopting the specialised lending rating templates. For example, for income-producing real estate specialised lending exposure, the Bank adopts a credit scoring framework to enable a granular assessment of credit risk for the real estate financing activities aligning with the context of Hong Kong real estate market and the DBSH's real estate lending policies.

Model validation process enables the Bank to reaffirm the continuing appropriateness of the models. The model validation process involves quantitative and qualitative assessment of the model that includes assessment of a model's discriminatory power, calibration, ratings stability and model design. To ensure the models are reliable, an independent validation is conducted by Risk Management Group and an independent review on the validation process is carried out by Group Audit.

The credit risk ratings for the wholesale exposures have been mapped to likely corresponding external rating equivalents. A description of the risk rating is provided in the following table to give a qualitative explanation of the risk benchmark.

10 CREDIT RISK (continued)

10.1 Qualitative Disclosures (continued)

10.1.4 Qualitative Disclosures for IRBA Models (continued)

Methods and data for estimation and validation of the PD, LGD and EAD (continued)

DBS PD Grade (ACRR)	Description of Risk Ratings	S&P's Likely Ratings
1	Taking into account the impact of relevant economic, social or geopolitical conditions, capacity to meet its financial commitment is exceptional	AAA
2	Taking into account the impact of the relevant economic, social or geopolitical conditions, capacity to meet its financial commitment is excellent	AA+, AA, AA-
3	More susceptible to adverse economic, social, geopolitical conditions and other circumstances, capacity to meet its financial commitment is strong	A+, A, A-
4A/4B	Adequate protection against adverse economic, social or geopolitical conditions or changing circumstances. More likely to lead to a weakened capacity of the obligor to meet its financial commitment	BBB+/BBB
5	Relatively worse off than an obligor rated "4B" but exhibits adequate protection parameters	BBB-
6A/6B	Satisfactory capacity to meet its financial commitment but capacity may become inadequate due to adverse business, financial, economic, social or geopolitical conditions and changing circumstances	BB+/BB
7A/7B	Marginal capacity to meet its financial commitment but capacity may become inadequate or uncertain due to adverse business, financial, economic, social or geopolitical conditions and changing circumstances	BB-
8A	Sub-marginal capacity to meet its financial commitment. Adverse business, financial, or economic conditions will likely impair the obligor's capacity or willingness to meet its financial commitment	B+
8B/8C	Low capacity to meet its financial commitment. Adverse business, financial, or economic conditions will likely impair the obligor economic conditions to meet its financial commitment	B/B-
9	Vulnerable to non-payment and is dependent upon favourable business, financial, and economic conditions for the obligor to meet its financial commitment. Likely to have little capacity to meet its financial commitment under adverse conditions	CCC – C
10 and Above	An obligor rated "10" and above is in default (as defined under Basel Capital Accord)	D

10 CREDIT RISK (continued)

10.1 Qualitative Disclosures (continued)

10.1.5 Additional Disclosures related to the Credit Quality of Assets

HKMA's Loan Classification System requires credit portfolios to be categorised into one of the following five categories, according to the Group's assessment of a borrower's ability to repay a credit facility from its normal sources of income and/or the repayment behavior of the borrower. Categories of Pass and Special Mention are classified as Performing assets, while Substandard, Doubtful, and Loss are classified as Non-Performing Assets ("NPA").

Pass: This refers to loans where borrowers are current in meeting commitments and full repayment of interest and principal is not in doubt.

Special Mention: This refers to loans where borrowers are experiencing difficulties which may threaten the lender's position. Ultimate loss is not expected at this stage but could occur if adverse conditions persist.

Substandard: This refers to loans where borrowers are displaying a definable weakness that is likely to jeopardise repayment. The Group is relying heavily on available security. This would include loans where some loss of principal or interest is possible after taking account of the net realisable value of the security, and rescheduled loans where concessions have been made to a borrower on interest or principal such as to render the loan "non-commercial" to the Group.

Doubtful: This refers to loans where collection in full is improbable and the Group expects to sustain a loss of principal and/or interest after taking account of the net realisable value of the security.

Loss: This refers to loans which are considered uncollectible after exhausting all collection efforts such as realisation of collateral, institution of legal proceedings, etc.

For retail borrower, the categorisation into NPA is consistent with the above except that the NPA is managed and reported at credit facility level.

Credit facilities are classified as restructured assets when the Group grants non-commercial concessions to a borrower because its financial position has deteriorated or is unable to meet the original repayment schedule. A restructured credit facility is classified into the appropriate non-performing grade based on the assessment of the borrower's financial condition and its ability to repay according to the restructured terms.

Such credit facilities are not returned to the performing status until there are reasonable grounds to conclude that the borrower will be able to service all future principal and interest payments on the credit facility in accordance with the restructured terms.

International Harmonisation of Credit Quality Categorisation – Supervisory vs Regulatory vs Accounting

Currently, different terminology and criteria exists for the categorisation of quality of credit exposures under different regime and for various purpose:

1. Supervisory classification mainly for reporting/monitoring purpose – "Non-Performing"

There are variations in how individual regulators classify exposures/obligors as Non-Performing, mainly in terms of criteria, terminology (e.g. classified, criticized etc.) and granularity (e.g., sub-category for Performing and further classification of Non-Performing based on recovery prospect etc.).

10 CREDIT RISK (continued)

10.1 Qualitative Disclosures (continued)

10.1.5 Additional Disclosures related to the Credit Quality of Assets (continued)

International Harmonisation of Credit Quality Categorisation – Supervisory vs Regulatory vs Accounting (continued)

2. Prudential/Regulatory definition for capital adequacy purpose – "Default"

Under Basel, a default is considered to have occurred when an obligor is considered Unlikely to Pay ("UTP") (with list of such indicators specified in the Basel Accord) its credit obligations in full without recourse to actions such as realizing collateral (if held), or the obligor is more than 90 Days Past Due ("90DPD") on any material obligation. It should be noted that the Basel UTP and 90DPD criteria are aligned to the DBSH's definition of Subjective and Technical Default respectively.

3. Accounting definition for valuation/provisioning purpose – "Credit-Impaired"

Under IFRS 9, a financial asset is considered credit-impaired when one or more events (with list of such events specified in the IFRS 9 standard) that have a detrimental impact on the estimated future cash flows of that financial asset have occurred. All such financial instruments are classified as Stage 3 and requires individual assessment of provisions under the principle of IFRS 9. This is aligned to DBSH's definition. In other words exposures which are classified as Default under Basel purpose are considered to be Credit-Impaired for IFRS 9 purpose.

Please refer to Note 2 Summary of Significant Accounting Policies of DBS Bank (Hong Kong) Limited's financial statements for more information on impairment.

Please refer to Note 38 Financial Risk Management of DBS Bank (Hong Kong) Limited's financial statements for analysis of loans and advances to customers by credit quality.

10.2 Quantitative Disclosures

10.2.1 Credit Quality of Assets

		As at 31 December 2022						
		(a)	(b)	(c)	(d)	(e)	(f)	(g)
		Gross carrying amount of		Allowances/ Impairments	Of which ECL accounting provisions# for credit losses on STC approach exposures		Of which ECL accounting provision for credit losses on IRB approach exposures	Net values (a+b-c)
In HK$ millions		Defaulted exposures	Non-defaulted exposures		Allocated in regulatory category of specific provisions	Allocated in regulatory category of collective provisions		
1	Loans	3,028	380,279	3,465	122	131	3,212	379,842
2	Debt securities	–	79,943	4	–	2	2	79,939
3	Off-balance sheet exposures	–	40,206	48	–	1	47	40,158
	Total	3,028	500,428	3,517	122	134	3,261	499,939

ECL accounting provisions classified as Stage 1 and Stage 2 are treated as collective provisions while those classified as Stage 3 are treated as specific provisions. Specific and collective provisions are ascribed to the identified standardized approach exposures.

10 CREDIT RISK (continued)

10.2 Quantitative Disclosures (continued)

10.2.1 Credit Quality of Assets (continued)

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

a) Subjective default: Borrower is considered to be unlikely to pay its credit obligations in full, without DBS taking action such as realising security (if held).

b) Technical default: Borrower is more than 90 days past due on any credit obligation to DBS.

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

Debt securities included non-trading government securities and treasury bills, banks and corporate securities, and related accrued interest receivables.

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

10.2.2 Changes in Stock of Defaulted Loans and Debt Securities

In HK$ millions		Amount
1	**As at 30 June 2022**	2,940
2	Loans and debt securities that have defaulted since the last reporting period	664
3	Returned to non-defaulted status	(6)
4	Amounts written off	(275)
5	Other changes (note)	(295)
6	**As at 31 December 2022**	3,028

Note: Other changes mainly related to settlement and repayments from customers.

10.2.3 Additional Quantitative Disclosures related to Credit Quality of Assets

The following tables show the breakdown of credit risk exposure by geographical areas, industry and residual maturity.

Breakdown by geographical areas HK$ millions	As at 31 December 2022
Hong Kong	298,755
Singapore	87,872
Others	116,829
Total	503,456

10 CREDIT RISK (continued)

10.2 Quantitative Disclosures (continued)

10.2.3 Additional Quantitative Disclosures related to Credit Quality of Assets (continued)

Breakdown by industry **HK$ millions**	**As at** **31 December 2022**
Banks	124,865
Official sector	57,144
Non-bank private sector	–
Property development	52,670
Property investment	36,206
Financial concerns	10,353
Stockbrokers	550
Wholesale and retail trade	15,733
Manufacturing	31,028
Transport & transport equipment	14,520
Recreational activities	192
Information technology	12,451
Trade finance	34,379
Individuals	64,793
Others	48,572
Total	503,456

Breakdown by residual maturity **HK$ millions**	**As at** **31 December 2022**
Up to and including one year	282,949
Over one year and up to including two years	68,968
Over two years	151,539
Total	503,456

10 CREDIT RISK (continued)

10.2 Quantitative Disclosures (continued)

10.2.3 Additional Quantitative Disclosures related to Credit Quality of Assets (continued)

The following show the breakdown of impaired exposures, specific allowances and write-offs by geographical areas and industry.

Geographical areas	As at 31 December 2022				
HK$ millions	Hong Kong	China	Singapore	Others	Total
Impaired exposures	2,620	163	223	14	3,020
Specific allowances	1,106	130	223	–	1,459
Write-offs (during the year)	406	25	–	–	431

Please refer to Section 17 Overdue and Rescheduled Assets of this document for the aging analysis of accounting past due exposures.

Breakdown of restructured exposures

HK$ millions	As at 31 December 2022
Impaired	495
Not impaired	–
Total	495

10.2.4 Overview of Recognized Credit Risk Mitigation

In HK$ millions		As at 31 December 2022				
		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	237,396	142,446	114,485	10,824	–
2	Debt securities	79,939	–	–	–	–
3	**Total**	317,335	142,446	114,485	10,824	–
4	Of which defaulted	215	1,354	507	722	–

10 CREDIT RISK (continued)

10.2 Quantitative Disclosures (continued)

10.2.5 Credit Risk Exposures and Effects of Recognized Credit Risk Mitigation – STC approach

In HK$ millions		As at 31 December 2022					
		Exposures pre-CCF and pre-CRM		Exposures post-CCF and post-CRM		RWA and RWA density	
	Exposure classes	On-balance sheet amount	Off-balance sheet amount	On-balance sheet amount	Off-balance sheet amount	RWA	RWA density (%)
1	Sovereign exposures	–	–	1,191	–	–	0
2	PSE exposures	279	250	261	125	77	20
2a	Of which: domestic PSEs	279	250	261	125	77	20
2b	Of which: foreign PSEs	–	–	–	–	–	–
3	Multilateral development bank exposures	4,451	–	4,451	–	–	0
4	Bank exposures	20	–	20	5	8	34
5	Securities firm exposures	351	2,013	351	100	226	50
6	Corporate exposures	9,739	7,687	8,038	270	7,385	89
7	CIS exposures	–	–	–	–	–	–
8	Cash items	–	–	–	–	–	–
9	Exposures in respect of failed delivery on transactions entered into on a basis other than a delivery-versus-payment basis	–	–	–	–	–	–
10	Regulatory retail exposures	–	–	–	–	–	–
11	Residential mortgage loans	1,421	–	1,421	–	550	39
12	Other exposures which are not past due exposures	2,761	1,436	2,754	54	2,808	100
13	Past due exposures	721	–	721	–	686	95
14	Significant exposures to commercial entities	–	–	–	–	–	–
15	**Total**	19,743	11,386	19,208	554	11,740	59

10 CREDIT RISK (continued)

10.2 Quantitative Disclosures (continued)

10.2.6 Credit Risk Exposures by Asset Classes and by Risk Weights – STC approach

In HK$ millions		As at 31 December 2022										
	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	1,191	–	–	–	–	–	–	–	–	–	1,191
2	PSE exposures	–	–	386	–	–	–	–	–	–	–	386
2a	Of which: domestic PSEs	–	–	386	–	–	–	–	–	–	–	386
2b	Of which: foreign PSEs	–	–	–	–	–	–	–	–	–	–	–
3	Multilateral development bank exposures	4,451	–	–	–	–	–	–	–	–	–	4,451
4	Bank exposures	–	–	13	–	12	–	–	–	–	–	25
5	Securities firm exposures	–	–	–	–	451	–	–	–	–	–	451
6	Corporate exposures	–	–	718	–	699	–	6,891	–	–	–	8,308
7	CIS exposures	–	–	–	–	–	–	–	–	–	–	–
8	Cash items	–	–	–	–	–	–	–	–	–	–	–
9	Exposures in respect of failed delivery on transactions entered into on a basis other than a delivery-versus-payment basis	–	–	–	–	–	–	–	–	–	–	–
10	Regulatory retail exposures	–	–	–	–	–	–	–	–	–	–	–
11	Residential mortgage loans	–	–	–	1,340	–	–	81	–	–	–	1,421
12	Other exposures which are not past due exposures	–	–	–	–	–	–	2,808	–	–	–	2,808
13	Past due exposures	15	–	–	–	345	–	55	306	–	–	721
14	Significant exposures to commercial entities	–	–	–	–	–	–	–	–	–	–	–
15	**Total**	5,657	–	1,117	1,340	1,507	–	9,835	306	–	–	19,762

10 CREDIT RISK (continued)

10.2 Quantitative Disclosures (continued)

10.2.7 Credit Risk Exposures by Portfolio and PD ranges – for IRB approach

Foundation IRB Approach

	As at 31 December 2022											
	a	b	c	d	e	f	g	h	i	j	k	l
PD scale (%)	Original on-balance sheet gross exposure HK$'M	Off-balance sheet exposures pre-CCF HK$'M	Average CCF (%)	EAD post-CRM and post-CCF HK$'M	Average PD (%)	Number of obligors	Average LGD (%)	Average maturity (Years)	RWA HK$'M	RWA density (%)	EL HK$'M	Provisions HK$'M
Sovereign exposures												
0.00 to <0.15	68,806	–	–	70,168	0.01	10	45	2.5	3,987	6	2	
0.15 to <0.25	–	–	–	–	–	–	–	–	–	–	–	
0.25 to <0.50	–	–	–	–	–	–	–	–	–	–	–	
0.50 to <0.75	–	–	–	–	–	–	–	–	–	–	–	
0.75 to <2.50	–	–	–	–	–	–	–	–	–	–	–	
2.50 to <10.00	–	–	–	–	–	–	–	–	–	–	–	
10.00 to <100.00	–	–	–	–	–	–	–	–	–	–	–	
100.00 (Default)	–	–	–	–	–	–	–	–	–	–	–	
Sub-total	**68,806**	**–**	**–**	**70,168**	**0.01**	**10**	**45**	**2.5**	**3,987**	**6**	**2**	**56**
Bank exposures												
0.00 to <0.15	61,855	1,819	72	63,165	0.06	73	45	2.5	17,836	28	16	
0.15 to <0.25	26	11	50	36	0.24	5	45	2.5	23	63	–	
0.25 to <0.50	770	5	50	772	0.38	11	45	2.5	622	80	1	
0.50 to <0.75	128	–	–	128	0.61	5	45	2.5	111	87	–	
0.75 to <2.50	104	–	–	104	1.35	7	45	2.5	107	103	1	
2.50 to <10.00	–	–	–	–	–	–	–	–	–	–	–	
10.00 to <100.00	–	–	–	–	–	–	–	–	–	–	–	
100.00 (Default)	–	–	–	–	–	–	–	–	–	–	–	
Sub-total	**62,883**	**1,835**	**72**	**64,205**	**0.06**	**101**	**45**	**2.5**	**18,699**	**29**	**18**	**261**
Corporate exposures – small-and-medium sized corporates												
0.00 to <0.15	–	–	–	–	–	–	–	–	–	–	–	
0.15 to <0.25	–	–	–	–	–	–	–	–	–	–	–	
0.25 to <0.50	–	–	–	–	–	–	–	–	–	–	–	
0.50 to <0.75	–	10	–	–	–	1	–	–	–	–	–	
0.75 to <2.50	10	19	1	7	2.11	5	37	2.5	6	74	–	
2.50 to <10.00	28	3	–	23	3.01	2	31	2.5	16	72	–	
10.00 to <100.00	1	6	–	1	12.15	1	45	2.5	1	159	–	
100.00 (Default)	–	–	–	–	–	–	–	–	–	–	–	
Sub-total	**39**	**38**	**–**	**31**	**2.95**	**9**	**33**	**2.5**	**23**	**74**	**–**	**0**
Corporate exposures – other												
0.00 to <0.15	47,776	53,421	19	58,695	0.06	6,302	40	2.5	10,890	19	14	
0.15 to <0.25	39,485	15,367	22	44,839	0.22	70	45	2.5	20,670	46	44	
0.25 to <0.50	38,832	19,464	8	39,044	0.32	389	43	2.5	20,711	53	53	
0.50 to <0.75	11,844	12,717	7	11,872	0.61	652	37	2.5	7,236	61	26	
0.75 to <2.50	21,220	27,336	3	22,473	1.66	2,321	39	2.5	20,626	92	143	
2.50 to <10.00	20,329	9,081	3	18,846	4.66	2,685	38	2.5	22,804	121	329	
10.00 to <100.00	3,792	549	3	3,513	17.83	408	36	2.5	6,104	174	213	
100.00 (Default)	2,550	1	20	2,242	100.00	215	43	2.5	3,757	168	1,114	
Sub-total	**185,828**	**137,936**	**12**	**201,524**	**2.21**	**13,042**	**41**	**2.5**	**112,798**	**56**	**1,936**	**2,861**
Total (all portfolios)	**317,556**	**139,809**	**13**	**335,928**	**1.34**	**13,162**	**43**	**2.5**	**135,507**	**40**	**1,956**	**3,178**

10 CREDIT RISK (continued)

10.2 Quantitative Disclosures (continued)

10.2.7 Credit Risk Exposures by Portfolio and PD ranges – for IRB approach (continued)

Retail IRB Approach

	As at 31 December 2022											
	a	b	c	d	e	f	g	h	i	j	k	l
PD scale (%)	Original on-balance sheet gross exposure HK$'M	Off-balance sheet exposures pre-CCF HK$'M	Average CCF (%)	EAD post-CRM and post-CCF HK$'M	Average PD (%)	Number of obligors	Average LGD (%)	Average maturity (Years)	RWA HK$'M	RWA density (%)	EL HK$'M	Provisions HK$'M
Residential mortgages exposures												
0.00 to <0.15	–	–	–	–	–	–	–		–	–	–	
0.15 to <0.25	7,526	–	–	7,526	0.22	4,385	13		1,287	17	2	
0.25 to <0.50	7,502	–	–	7,502	0.41	1,135	13		1,875	25	4	
0.50 to <0.75	11,843	–	–	11,843	0.63	2,118	13		2,876	24	10	
0.75 to <2.50	16	–	–	16	1.80	5	32		9	58	–	
2.50 to <10.00	580	–	–	580	9.84	176	13		348	60	8	
10.00 to <100.00	54	–	–	54	33.97	18	13		42	77	2	
100.00 (Default)	78	–	–	78	100.00	15	32		308	395	–	
Sub-total	**27,599**	**–**	**–**	**27,599**	**1.00**	**7,852**	**13**		**6,745**	**24**	**26**	**95**
Qualifying revolving retail exposures												
0.00 to <0.15	–	–	–	–	–	–	–		–	–	–	
0.15 to <0.25	1,750	35,987	58	22,738	0.18	309,786	102		2,263	10	42	
0.25 to <0.50	1,803	8,363	51	6,085	0.33	83,908	99		963	16	20	
0.50 to <0.75	–	–	–	–	–	–	–		–	–	–	
0.75 to <2.50	5,721	26,352	56	20,408	1.69	302,280	100		11,562	57	344	
2.50 to <10.00	349	79	114	440	4.33	2,105	120		576	131	23	
10.00 to <100.00	1,351	254	145	1,717	18.40	13,277	97		4,024	234	305	
100.00 (Default)	64	–	–	64	100.00	829	112		430	671	37	
Sub-total	**11,038**	**71,035**	**57**	**51,452**	**1.56**	**712,185**	**101**		**19,818**	**39**	**771**	**315**
Small business retail exposures												
0.00 to <0.15	–	–	–	–	–	–	–		–	–	–	
0.15 to <0.25	–	–	–	–	–	–	–		–	–	–	
0.25 to <0.50	1	–	–	1	0.29	2	6		–	3	–	
0.50 to <0.75	–	–	–	–	–	–	–		–	–	–	
0.75 to <2.50	–	–	–	–	–	–	–		–	–	–	
2.50 to <10.00	–	–	–	–	–	–	–		–	–	–	
10.00 to <100.00	–	–	–	–	–	–	–		–	–	–	
100.00 (Default)	–	–	–	–	–	–	–		–	–	–	
Sub-total	**1**	**–**	**–**	**1**	**0.29**	**2**	**6**		**–**	**3**	**–**	**0**
Other retail exposures to individuals												
0.00 to <0.15	–	–	–	–	–	–	–		–	–	–	
0.15 to <0.25	–	–	–	–	–	–	–		–	–	–	
0.25 to <0.50	1,347	–	–	1,347	0.30	2,784	29		210	16	1	
0.50 to <0.75	–	–	–	–	–	–	–		–	–	–	
0.75 to <2.50	2,125	–	–	2,125	1.76	8,346	80		2,123	100	32	
2.50 to <10.00	2,311	–	–	2,311	5.54	5,730	65		2,269	98	91	
10.00 to <100.00	1,449	–	–	1,449	25.45	1,395	38		1,229	85	129	
100.00 (Default)	36	–	–	36	100.00	132	62		68	190	23	
Sub-total	**7,268**	**–**	**–**	**7,268**	**7.90**	**18,387**	**57**		**5,899**	**81**	**276**	**106**
Total (all portfolios)	**45,906**	**71,035**	**57**	**86,320**	**1.92**	**738,426**	**69**		**32,462**	**38**	**1,073**	**516**

10 CREDIT RISK (continued)

10.2 Quantitative Disclosures (continued)

10.2.8 Effects on RWA of Recognized Credit Derivative Contracts used as Recognized Credit Risk Mitigation – for IRB approach

The Bank does not have credit derivative contracts used as recognized credit risk mitigation.

		As at 31 December 2022	
In HK$ millions		**Pre-credit derivatives RWA**	**Actual RWA**
1	Corporate – Specialized lending under supervisory slotting criteria approach (project finance) (“PF”)	249	249
2	Corporate – Specialized lending under supervisory slotting criteria approach (object finance) (“OF”)	–	–
3	Corporate – Specialized lending under supervisory slotting criteria approach (commodities finance) (“CF”)	–	–
4	Corporate – Specialized lending under supervisory slotting criteria approach (income-producing real estate) (“IPRE”)	24,588	24,588
5	Corporate – Specialized lending (high-volatility commercial real estate) (“HVCRE”)	–	–
6	Corporate – Small-and-medium sized corporates	23	23
7	Corporate – Other corporates	112,798	112,798
8	Sovereigns	3,597	3,597
9	Sovereign foreign public sector entities	390	390
10	Multilateral development banks	–	–
11	Bank exposures – Banks	18,699	18,699
12	Bank exposures – Securities firms	–	–
13	Bank exposures – Public sector entities (excluding sovereign foreign public sector entities)	–	–
14	Retail – Small business retail exposures	–	–
15	Retail – Residential mortgages to individuals	6,211	6,211
16	Retail – Residential mortgages to property-holding shell companies	534	534
17	Retail – Qualifying revolving retail exposures (QRRE)	19,818	19,818
18	Retail – Other retail exposures to individuals	5,899	5,899
19	Equity – Equity exposures under market-based approach (simple risk-weight method)	–	–
20	Equity – Equity exposures under market-based approach (internal models method)	–	–
21	Equity – Equity exposures under PD/LGD approach (publicly traded equity exposures held for long-term investment)	–	–
22	Equity – Equity exposures under PD/LGD approach (privately owned equity exposures held for long-term investment)	–	–
23	Equity – Equity exposures under PD/LGD approach (other publicly traded equity exposures)	–	–
24	Equity – Equity exposures under PD/LGD approach (other equity exposures)	–	–
25	Equity – Equity exposures associated with equity investments in funds (CIS exposures)	–	–
26	Other – Cash items	–	–
27	Other – Other items	5,572	5,572
28	**Total (under the IRB calculation approaches)**	198,378	198,378

10 CREDIT RISK (continued)

10.2 Quantitative Disclosures (continued)

10.2.9 RWA Flow Statements of Credit Risk Exposures under IRB Approach

The following table explains the change in credit RWA under IRB approach for the quarter.

In HK$ millions	**RWA**
As at 30 September 2022	203,382
Asset size	(6,457)
Asset quality	1,258
Model updates	–
Methodology and policy	–
Acquisitions and disposals	–
Foreign exchange movements	195
Others	–
As at 31 December 2022	198,378

The decrease in credit RWA during the quarter was mainly arising from asset size movement.

10.2.10 Specialized Lending Under Supervisory Slotting Criteria Approach – for IRB approach

Specialized lending under supervisory slotting criteria approach – other than HVCRE

In HK$ millions		**As at 31 December 2022**									
					EAD amount						
Supervisory Rating Grade	**Remaining Maturity**	**On-balance sheet exposure amount**	**Off-balance sheet exposure amount**	**SRW (%)**	**PF**	**OF**	**CF**	**IPRE**	**Total**	**RWA**	**Expected loss amount**
Strong^	Less than 2.5 years	16,929	2,053	50	–	–	–	18,431	18,431	9,215	–
Strong	Equal to or more than 2.5 years	2,671	3,208	70	356	–	–	2,984	3,340	2,338	13
Good^	Less than 2.5 years	4,698	3,393	70	–	–	–	7,197	7,197	5,038	29
Good	Equal to or more than 2.5 years	4,854	1,616	90	–	–	–	5,830	5,830	5,247	47
Satisfactory		2,113	673	115	–	–	–	2,597	2,597	2,987	73
Weak		5	–	250	–	–	–	5	5	12	–
Default		17	–	0	–	–	–	17	17	–	8
Total		31,287	10,943		356	–	–	37,061	37,417	24,837	170

^ Use of preferential risk-weights.

10 CREDIT RISK (continued)

10.2 Quantitative Disclosures (continued)

10.2.11 Back-Testing of PD per portfolio – for IRB approach

The actual default rate is measured by using the number of obligors or number of accounts defaulted, depending on the exposure class of the annual reporting period.

Please refer to Note 10.1.4 Qualitative Disclosures for IRBA Models of this document for key rating models used for exposures and the percentage of RWA covered by these models.

Foundation IRB Approach

As at 31 December 2022								
a	b	c	d	e	f		g	h	i
					Number of obligors				
Foundation IRB	PD scale (%)	External rating equivalent (S&P likely ratings)	Weighted average PD (%)	Arithmetic average PD by obligors (%)	Beginning of the year	End of the year	Defaulted obligors in the year	Of which: New defaulted obligors in the year	Average historical annual default rate (%)
Sovereign exposures									
	0.00 to <0.15	AAA to BBB+	0.01	0.02	8	10	–	–	–
	0.15 to <0.25	BBB+ to BBB	–	–	–	–	–	–	–
	0.25 to <0.50	BBB to BBB-	–	–	–	–	–	–	–
	0.50 to <0.75	BB+	–	–	–	–	–	–	–
	0.75 to <2.50	BB to BB-	–	–	–	–	–	–	–
	2.50 to <10.00	B+ to B	–	–	–	–	–	–	–
	10.00 to <100.00	B- to C	–	–	–	–	–	–	–
Bank exposures									
	0.00 to <0.15	AAA to BBB+	0.05	0.09	71	73	–	–	–
	0.15 to <0.25	BBB+ to BBB	0.24	0.24	5	5	–	–	–
	0.25 to <0.50	BBB to BBB-	0.38	0.38	12	11	–	–	–
	0.50 to <0.75	BB+	0.61	0.61	3	5	–	–	–
	0.75 to <2.50	BB to BB-	1.10	1.16	8	7	–	–	–
	2.50 to <10.00	B+ to B	–	–	–	–	–	–	–
	10.00 to <100.00	B- to C	–	–	–	–	–	–	–
Corporate exposures – small-and-medium sized corporates									
	0.00 to <0.15	AAA to BBB+	–	–	–	–	–	–	–
	0.15 to <0.25	BBB+ to BBB	–	–	–	–	–	–	–
	0.25 to <0.50	BBB to BBB-	–	–	–	–	–	–	–
	0.50 to <0.75	BB+	–	0.56	1	1	–	–	–
	0.75 to <2.50	BB to BB-	1.90	2.05	4	5	–	–	–
	2.50 to <10.00	B+ to B	6.62	5.68	2	2	–	–	4.44
	10.00 to <100.00	B- to C	12.15	12.15	1	1	–	–	–
Corporate exposures – other									
	0.00 to <0.15	AAA to BBB+	0.08	0.11	5,467	6,302	1	–	0.00
	0.15 to <0.25	BBB+ to BBB	0.22	0.22	58	70	–	–	–
	0.25 to <0.50	BBB to BBB-	0.32	0.33	293	389	1	–	0.07
	0.50 to <0.75	BB+	0.59	0.63	557	652	2	–	0.07
	0.75 to <2.50	BB to BB-	1.73	1.65	2,158	2,321	5	–	0.42
	2.50 to <10.00	B+ to B	4.94	4.69	2,484	2,685	22	–	1.47
	10.00 to <100.00	B- to C	14.36	14.92	586	408	23	–	5.37

10 CREDIT RISK (continued)

10.2 Quantitative Disclosures (continued)

10.2.11 Back-Testing of PD per portfolio – for IRB approach (continued)

Retail IRB Approach

As at 31 December 2022								
a	b	c	d	e	f		g	h	i
					Number of obligors				
Retail IRB	PD scale (%)	External rating equivalent (S&P likely ratings)	Weighted average PD (%)	Arithmetic average PD by obligors (%)	Beginning of the year	End of the year	Defaulted obligors in the year	Of which: New defaulted obligors in the year	Average historical annual default rate (%)
Residential mortgages exposures									
	0.00 to <0.15		–	–	–	–	–	–	0.21
	0.15 to <0.25		0.22	0.22	5,509	4,736	5	–	0.06
	0.25 to <0.50		0.41	0.41	1,411	1,219	2	1	0.30
	0.50 to <0.75		0.63	0.63	1,821	2,331	3	–	0.05
	0.75 to <2.50		1.80	1.80	1	5	–	–	0.00
	2.50 to <10.00		9.84	9.84	118	183	3	–	1.56
	10.00 to <100.00		33.97	33.97	11	18	3	–	13.70
Qualifying revolving retail exposures									
	0.00 to <0.15		–	–	–	–	–	–	0.06
	0.15 to <0.25		0.18	0.18	320,633	309,786	282	3	0.08
	0.25 to <0.50		0.33	0.33	94,572	83,908	112	–	0.12
	0.50 to <0.75		–	–	–	–	–	–	0.51
	0.75 to <2.50		1.70	1.73	274,540	302,280	1,259	74	0.38
	2.50 to <10.00		4.30	4.38	2,249	2,105	63	2	2.06
	10.00 to <100.00		18.39	19.06	14,371	13,277	1,000	1	6.57
Small business retail exposures									
	0.00 to <0.15		–	–	–	–	–	–	–
	0.15 to <0.25		–	–	–	–	–	–	–
	0.25 to <0.50		0.29	0.29	2	2	–	–	0.00
	0.50 to <0.75		–	–	–	–	–	–	–
	0.75 to <2.50		–	–	–	–	–	–	–
	2.50 to <10.00		–	–	–	–	–	–	–
	10.00 to <100.00		–	–	–	–	–	–	–
Other retail exposures to individuals									
	0.00 to <0.15		–	–	–	–	–	–	–
	0.15 to <0.25		–	–	–	–	–	–	–
	0.25 to <0.50		0.29	0.31	2,694	2,850	7	–	0.17
	0.50 to <0.75		–	–	–	–	–	–	–
	0.75 to <2.50		1.71	1.88	8,938	8,355	101	26	0.63
	2.50 to <10.00		5.56	5.94	5,991	5,769	160	27	2.03
	10.00 to <100.00		24.55	23.55	1,188	1,451	130	19	8.89

11 COUNTERPARTY CREDIT RISK

11.1 Qualitative Disclosures

Counterparty Credit Risk is defined as the risk that a counterparty could default before the final settlement of the cash flows of derivatives or securities financing transactions.

Pre-settlement credit risk for traded products arising from a counterparty potentially defaulting on its obligations is quantified by evaluation of the market price, plus potential future exposure. This is included under the Bank's overall credit limits to counterparties for internal risk management.

Issuer default risk that may also arise from derivatives, notes and securities is generally measured based on jump-to-default computations.

DBSH's policy documents set out the requirements with respect to counterparty risk for Traded Products which include Securities Trading (Equity and Debt), Over-the-counter ("OTC") Derivatives Trading, Exchange Traded Derivatives and Securities Borrowing and Lending (including repos).

Credit limits and exposures to counterparties are subject to the Group's overarching credit risk management framework. Counterparties (including Central Clearing Counterparties ("CCPs")) are assessed individually using an internal rating model and assigned credit risk ratings. Credit limits take into account current trading and projected volume for novation and are approved by the credit risk function after an independent credit assessment. The Group's assessment for CCPs takes into consideration additional parameters including but not limited to default waterfall protection, margining process, risk management capabilities, segregation of margins, member liability provisions, regulatory oversights etc.

The Group actively monitors and manages our exposure to counterparties for OTC derivative trades to protect our balance sheet in the event of a counterparty default. Counterparty risk exposures that may be adversely affected by market risk events are identified, reviewed and acted upon by management, and highlighted to the appropriate risk committees.

The Group enters into master netting arrangements with counterparties where it is appropriate and feasible to do netting to mitigate counterparty risk. The credit risk associated with favourable contracts is reduced by a master netting arrangement to the extent that if an event of default occurs, all amounts with the counterparty are settled on a net basis. These agreements include derivative master agreements (including ISDA Master Agreement), global master repurchase agreements and global securities lending agreements. Master netting arrangements do not result in an offset of financial assets and liabilities on the balance sheet as the legal right to offset the transactions is conditional upon default.

The Group also clears OTC Derivatives trades through CCPs to manage overall counterparty credit risks.

DBSH's policies provide the definition and management of specific wrong-way risk ("SWWR"). SWWR arises when the credit exposure of a counterparty (from the traded product transaction) directly correlates with the probability of default of the counterparty.

If there is a 3-notch downgrade in the Bank's credit ratings, the impact on the Bank's collateral obligations under derivative contracts is minimal.

11 COUNTERPARTY CREDIT RISK (continued)

11.2 Quantitative Disclosures

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

		As at 31 December 2022					
In HK$ millions		**Replacement cost (RC)**	**PFE**	**Effective EPE**	**Alpha (α) used for computing default risk exposure**	**Default risk exposure after CRM**	**RWA**
1	SA-CCR approach (for derivative contracts)	1,562	1,143		1.4	3,787	2,171
2	IMM (CCR) approach			–	–	–	–
3	Simple Approach (for SFTs)					–	–
4	Comprehensive Approach (for SFTs)					51,986	166
5	VaR (for SFTs)					–	–
6	**Total**						2,337

The Bank applies SA-CCR approach to calculate default risk exposures for derivative contracts.

11.2.2 CVA Capital Charge

		As at 31 December 2022	
In HK$ millions		**EAD post CRM**	**RWA**
	Netting sets for which CVA capital charge is calculated by the advanced CVA method	–	–
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	3,742	1,182
4	Total	3,742	1,182

11 COUNTERPARTY CREDIT RISK (continued)

11.2 Quantitative Disclosures (continued)

11.2.3 Counterparty Default Risk Exposures (Other than those to CCPs) by Asset Classes and by Risk Weights – for STC approach

In HK$ millions		As at 31 December 2022										
	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	–	–	–	–	44	–	–	–	–	–	44
5	Securities firm exposures	–	–	–	–	–	–	–	–	–	–	–
6	Corporate exposures	–	–	–	–	177	–	1	–	–	–	178
7	CIS exposures	–	–	–	–	–	–	–	–	–	–	–
8	Regulatory retail exposures	–	–	–	–	–	–	–	–	–	–	–
9	Residential mortgage loans	–	–	–	–	–	–	–	–	–	–	–
10	Other exposures which are not past due exposures	–	–	–	–	–	–	–	–	–	–	–
11	Significant exposures to commercial entities	–	–	–	–	–	–	–	–	–	–	–
12	**Total**	–	–	–	–	221	–	1	–	–	–	222

11 COUNTERPARTY CREDIT RISK (continued)

11.2 Quantitative Disclosures (continued)

11.2.4 Counterparty Default Risk Exposures (Other than those to CCPs) by portfolio and PD range – for IRB approach

Foundation IRB Approach

The following table sets out the parameters used to calculate the Bank's Counterparty Credit Risk ("CCR") capital requirements for IRB approach models. The Bank adopts FIRB approach for all of its IRB approach exposures which are subject to CCR capital requirements.

	As at 31 December 2022						
	a	b	c	d	e	f	g
PD scale (%)	EAD post-CRM HK$'M	Average PD (%)	Number of obligors	Average LGD (%)	Average maturity (Years)	RWA HK$'M	RWA density (%)
Bank							
0.00 to <0.15	53,999	0.04	6	3	0.6	768	1
0.15 to <0.25	–	–	–	–	–	–	–
0.25 to <0.50	–	–	–	–	–	–	–
0.50 to <0.75	–	–	–	–	–	–	–
0.75 to <2.50	–	–	–	–	–	–	–
2.50 to <10.00	–	–	–	–	–	–	–
10.00 to <100.00	–	–	–	–	–	–	–
100.00 (Default)	–	–	–	–	–	–	–
Sub-total	**53,999**	**0.04**	**6**	**3**	**0.6**	**768**	**1**
Corporate exposures – small-and-medium sized corporates							
0.00 to <0.15	–	–	–	–	–	–	–
0.15 to <0.25	–	–	–	–	–	–	–
0.25 to <0.50	–	–	–	–	–	–	–
0.50 to <0.75	–	–	–	–	–	–	–
0.75 to <2.50	–	–	–	–	–	–	–
2.50 to <10.00	–	–	–	–	–	–	–
10.00 to <100.00	–	–	–	–	–	–	–
100.00 (Default)	–	–	–	–	–	–	–
Sub-total	**–**	**–**	**–**	**–**	**–**	**–**	**–**
Corporate exposures – other							
0.00 to <0.15	–	0.10	1	45	2.50	0	30
0.15 to <0.25	149	0.22	4	45	2.50	69	46
0.25 to <0.50	231	0.39	6	45	2.50	143	62
0.50 to <0.75	79	0.56	10	45	2.50	57	73
0.75 to <2.50	1,068	1.66	31	45	2.50	1,157	108
2.50 to <10.00	25	3.06	18	45	2.50	32	129
10.00 to <100.00	–	12.15	1	45	2.50	–	207
100.00 (Default)	–	–	–	–	–	–	–
Sub-total	**1,552**	**1.30**	**71**	**45**	**2.50**	**1,458**	**94**
Total (all portfolios)	**55,551**	**0.08**	**77**	**4**	**0.60**	**2,226**	**4**

11 COUNTERPARTY CREDIT RISK (continued)

11.2 Quantitative Disclosures (continued)

11.2.5 Composition of Collateral for Counterparty Default Risk Exposures (including those for Contracts or Transactions Cleared through CCPs)

The following table provides a breakdown of all types of collateral posted or recognized collateral received by the Bank to support or reduce the CCR exposures related to derivative transactions or to Securities Financing Transactions ("SFTs"), including transactions cleared through a CCP.

	As at 31 December 2022					
	Derivative contracts				SFTs	
	Fair value of recognized collateral received		Fair value of posted collateral		Fair value of recognized collateral received	Fair value of posted collateral
In HK$ millions	Segregated	Unsegregated	Segregated	Unsegregated		
Cash – other currencies	–	168	–	33	1,672	50,277
Other sovereign debt	–	–	–	–	48,546	1,709
Total	–	168	–	33	50,218	51,986

11.2.6 Credit-Related Derivatives Contracts

	As at 31 December 2022	
In HK$ millions	Protection bought	Protection sold
Notional amounts		
Total return swaps	132	135
Total notional amounts	132	135
Fair values		
Positive fair values (asset)	12	31
Negative fair values (liability)	(31)	(12)

12 MARKET RISK

12.1 Qualitative Disclosure

Please refer to Note 38 Financial Risk Management of DBS Bank (Hong Kong) Limited's financial statements for details.

12.2 Quantitative Disclosure

12.2.1 Market Risk under Standardized Approach

In HK$ millions		As at 31 December 2022 RWA[/1]
	Outright product exposures	
1	Interest rate exposures (general and specific risk)	429
2	Equity exposures (general and specific risk)	–
3	Foreign exchange (including gold) exposures	582
4	Commodity exposures	–
	Option exposures	
5	Simplified approach	–
6	Delta-plus approach	2
7	Other approach	–
8	Securitization exposures	–
9	**Total**	1,013

[/1] *The RWA is derived by multiplying the capital requirements by 12.5.*

13 OPERATIONAL RISK

Please refer to Note 38 Financial Risk Management of DBS Bank (Hong Kong) Limited's financial statements for details.

14 INTEREST RATE RISK IN THE BANKING BOOK

14.1 Qualitative Disclosure

Interest rate risk in the banking book ("IRRBB") arises from mismatches in the interest rate profiles of assets, liabilities and capital instruments. It includes basis risk arising from different interest rate benchmarks, interest rate repricing risk and yield curve risk.

The Group uses Economic Value of Equity ("EVE") and Net Interest Income variability as key risk metrics to measure IRRBB. Internal control processes and systems have been designed and implemented to support our market risk management approach. The Bank reviews these control processes and systems regularly, and these reviews allow management to assess their effectiveness. The Group measures IRRBB on a monthly basis.

Independent monitoring of established limits and analysis of the Group's IRRBB is the responsibility of the RMG-Market and Liquidity Risk unit. The unit monitors, controls and analyses the Group's IRRBB regularly. Please refer to Section 2 and Section 4 in the Corporate Governance Report of DBS Bank (Hong Kong) Limited's Financial Statement on the role of Asset and Liability Committee and Internal Audit respectively.

14 INTEREST RATE RISK IN THE BANKING BOOK (continued)

14.1 Qualitative Disclosure (continued)

To monitor the Group's vulnerability to unexpected but plausible extreme interest rate risk-related events, we conduct multiple banking book interest rate risk stress tests regularly, including internally selected interest rate shock scenarios addressing the Group's profile, as well as historical and hypothetical interest rate stress scenarios.

Behavioral assumptions are applied when managing the interest rate risk of non-maturity deposits internally, consistent with that applied in the computation of change in economic value of equity ("ΔEVE") based on the HKMA's standardized framework. Behavioral assumptions are also applied when managing the interest rate risk of administered rate products internally, which gives a longer asset duration.

The Group enters into hedging transactions to manage exposures to interest rate risks. Hedge accounting is applied to manage volatility in earnings arising from changes in interest rate risks. Please refer to Note 33 of DBS Bank (Hong Kong) Limited's financial statements.

In the computation of the change in economic value of equity ("ΔEVE") based on the HKMA's standardized framework, commercial margins are included in the projected interest cash flows. Core non-maturity deposits ("NMDs") are those with a high probability to be remained undrawn and unlikely to reprice under significant changes in interest rate environment. The average repricing maturity of core non-maturity deposits takes into account regulatory caps and industry standards. The assessment of products subject to prepayment or early redemption risk follows HKMA's standardized framework. Exposures across currencies are aggregated to determine total exposures, following HKMA's standardized framework. As of 31 December 2022, the notional-weighted repricing maturity of NMDs is 1 year. The longest repricing maturity assigned to NMDs is 4 years.

Compared to 2021, the worst scenario for delta EVE remained as "parallel up" in 2022. This change of EVE compared with 2021 was mainly due to the increase in fixed rate bond exposures. For delta NII, "parallel down" remains unchanged as the worst loss scenario, with a decrease in variability driven mainly by the decrease of NMDs and increase in time deposits.

14.2 Quantitative Disclosure

14.2.1 Quantitative Information on Interest Rate Risk in Banking Book

		(a)	(b)	(c)	(d)
In HK$ millions		**ΔEVE[/1]**		**ΔNII[/1]**	
	Period	**As at 31 December 2022**	**As at 31 December 2021**	**As at 31 December 2022**	**As at 31 December 2021**
1	Parallel up	2,400	2,134	(1,039)	(1,407)
2	Parallel down	0	1,567	1,039	1,411
3	Steepener	1,919	1,131		
4	Flattener	111	19		
5	Short rate up	412	334		
6	Short rate down	723	1,296		
7	**Maximum**	2,400	2,134	1,039	1,411
	Period	**As at 31 December 2022**		**As at 31 December 2021**	
8	**Tier 1 capital**	44,817		42,527	

/1 *Positive values of ΔEVE and ΔNII indicate losses under the respective scenarios, in accordance with HKMA's disclosure requirement*

15 INTERNATIONAL CLAIMS

Analysis of the Bank's international claims by location and by type of counterparty is as follows:

In HK$ millions	Banks	Official sector	Non-bank private sector: Non-bank financial institutions	Non-bank private sector: Non-financial private sector	Total
As at 31 December 2022					
Developed countries	**15,713**	**40,426**	**4,728**	**3,538**	**64,405**
Offshore centres, of which	**85,364**	**587**	**1,069**	**59,384**	**146,404**
– Singapore	**84,719**	**5**	**350**	**2,316**	**87,390**
– Hong Kong	**645**	**582**	**719**	**52,920**	**54,866**
– Others	**–**	**–**	**–**	**4,148**	**4,148**
Developing Europe	**–**	**–**	**–**	**105**	**105**
Developing Latin America and Caribbean	**–**	**–**	**–**	**13**	**13**
Developing Africa and Middle East	**4**	**–**	**–**	**36**	**40**
Developing Asia-Pacific, of which	**11,009**	**62**	**1,278**	**27,357**	**39,706**
– China	**10,004**	**62**	**1,278**	**24,331**	**35,675**
– Others	**1,005**	**–**	**–**	**3,026**	**4,031**
International Organizations	**–**	**4,450**	**–**	**–**	**4,450**
	112,090	**45,525**	**7,075**	**90,433**	**255,123**
As at 31 December 2021					
Developed countries	19,819	16,694	–	3,790	40,303
Offshore centres, of which	124,887	603	83	57,935	183,508
– Singapore	124,464	5	–	1,271	125,740
– Hong Kong	408	598	83	52,564	53,653
– Others	15	–	–	4,100	4,115
Developing Europe	–	–	–	211	211
Developing Latin America and Caribbean	2	–	–	13	15
Developing Africa and Middle East	69	–	–	57	126
Developing Asia-Pacific, of which	13,966	76	1,414	20,438	35,894
– China	12,803	76	1,414	17,455	31,748
– Others	1,163	–	–	2,983	4,146
International Organizations	–	1,998	–	–	1,998
	158,743	19,371	1,497	82,444	262,055

The above analysis is disclosed on a net basis after taking into account the effect of any recognised risk transfer.

16 LOANS AND ADVANCES TO CUSTOMERS

The Group employs a range of policies and practices to mitigate credit risk, one of which is the taking of collateral. The collateral includes cash, marketable securities, properties, trade receivables, inventory, equipment and other physical and financial collateral.

16.1 Loans and Advances to Customers by Loan Usage

The analysis of the Bank's gross advances to customers by loan usage and the corresponding balances covered by collateral are as follows:

In HK$ millions	**As at 31 December 2022** Outstanding balance	Balance covered by collateral	As at 31 December 2021 Outstanding balance	Balance covered by collateral
Gross loans and advances for use in Hong Kong				
Industrial, commercial and financial				
– Property development	**35,700**	**31,711**	20,105	18,407
– Property investment	**30,595**	**27,494**	26,006	25,613
– Financial concerns	**5,865**	**4,033**	7,143	6,571
– Stockbrokers	**350**	**350**	–	–
– Wholesale and retail trade	**13,687**	**9,362**	15,240	11,700
– Manufacturing	**23,398**	**16,941**	14,095	12,780
– Transport and transport equipment	**12,747**	**10,691**	12,910	10,874
– Recreational activities	**192**	**191**	240	228
– Information technology	**5,854**	**4,916**	4,695	3,996
– Others	**14,061**	**7,536**	8,820	6,201
Individuals				
– Loans for the purchase of flats in the Home Ownership Scheme, Private Sector Participation Scheme and Tenants Purchase Scheme or their respective successor schemes	**29**	**29**	44	44
– Loans for the purchase of other residential properties	**26,570**	**26,570**	26,015	26,012
– Credit card advances	**9,663**	**–**	8,945	–
– Others	**28,307**	**22,178**	30,465	23,901
	207,018	**162,002**	174,723	146,327
Trade finance (including trade bills)	**22,759**	**1,071**	27,628	1,287
Gross loans and advances for use outside Hong Kong	**49,883**	**21,108**	40,050	15,268
	279,660	**184,181**	242,401	162,882

16 LOANS AND ADVANCES TO CUSTOMERS (continued)

16.1 Loans and Advances to Customers by Loan Usage (continued)

Analysis of impaired advances, impairment allowances for the individual loan usage category which accounted for 10% or more of the Bank's advances to customers:

In HK$ millions	Impaired advances to customers	Specific allowances	General allowances	Provision charge to profit or loss during the year	Net specific allowances written off during the year
As at 31 December 2022					
Property development	**–**	**–**	**163**	**7**	**–**
Property investment	**145**	**9**	**217**	**(54)**	**–**
Individuals – for other private purposes	**48**	**52**	**459**	**293**	**231**
As at 31 December 2021					
Property investment	115	9	271	20	–
Loans for the purchase of other residential properties	103	–	3	–	–
Trade finance	1,114	743	115	227	139
Individuals – for other private purposes	65	55	393	118	228

16.2 Loans and Advances to Customers by Geographical Area

Please refer to Note 38 Financial Risk Management of DBS Bank (Hong Kong) Limited's financial statements for details.

17 OVERDUE AND RESCHEDULED ASSETS

17.1 Overdue Loans and Advances to Customers

The overdue loans and advances of the Bank are analysed as follows:

In HK$ millions	**As at 31 December 2022**	**% of gross loans and advances to customers**	As at 31 December 2021	% of gross loans and advances to customers
Six months or less but over three months	**555**	**0.20**	84	0.03
One year or less but over six months	**156**	**0.06**	249	0.10
Over one year	**1,428**	**0.51**	1,599	0.66
	2,139	**0.77**	1,932	0.80
Specific allowances made in respect of the above overdue loans and advances	**1,330**		1,169	
Current market value of collateral held against the covered portion of the above overdue loans and advances	**1,080**		1,050	
Covered portion of the above overdue loans and advances	**765**		839	
Uncovered portion of the above overdue loans and advances	**1,374**		1,093	

17.2 Rescheduled Advances

The rescheduled loans and advances of the Bank (excluding those which have been overdue for over three months and reported in section 17.1 above) are analysed as follows:

In HK$ millions	**As at 31 December 2022**	**% of gross loans and advances to customers**	As at 31 December 2021	% of gross loans and advances to customers
Rescheduled loans and advances	**342**	**0.12**	295	0.12

17.3 Repossessed Assets

The Bank does not have repossessed assets as at 31 December 2022 (31 December 2021: nil).

17 OVERDUE AND RESCHEDULED ASSETS (continued)

17.4 Overdue Other Assets

The overdue other assets of the Bank are analysed as follows:

In HK$ millions	**As at 31 December 2022**	As at 31 December 2021
Six months or less but over three months	**–**	–
One year or less but over six months	**–**	–
Over one year	**8**	7
	8	7

18 MAINLAND ACTIVITIES

The table below summarises the non-bank Mainland China exposure of the Bank (excluding its Macau Branch), categorised by types of counterparties, which are prepared in accordance with the HKMA return of "Return of Mainland Activities":

As at 31 December 2022

In HK$ millions Types of Counterparties	On-balance sheet exposure	Off-balance sheet exposure	Total
(a) Central government, central government-owned entities and their subsidiaries and joint ventures ("JVs")	**24,683**	**1,622**	**26,305**
(b) Local governments, local government-owned entities and their subsidiaries and JVs	**12,034**	**533**	**12,567**
(c) PRC nationals residing in Mainland China or other entities incorporated in Mainland China and their subsidiaries and JVs	**29,465**	**5,023**	**34,488**
(d) Other entities of central government not reported in part (a) above	**6,697**	**1,056**	**7,753**
(e) Other entities of local governments not reported in part (b) above	**1,109**	**2**	**1,111**
(f) PRC nationals residing outside Mainland China or entities incorporated outside Mainland China where the credit is granted for use in Mainland China	**9,899**	**1,145**	**11,044**
(g) Other counterparties where the exposures are considered by the reporting institution to be non-bank Mainland China exposures	**12,710**	**4,264**	**16,974**
Total	**96,597**	**13,645**	**110,242**
Total assets after provision	**473,652**		
On-balance sheet exposures as percentage of total assets	**20.39%**		

18 MAINLAND ACTIVITIES (continued)

As at 31 December 2021

In HK$ millions Types of Counterparties	On-balance sheet exposure	Off-balance sheet exposure	Total
(a) Central government, central government-owned entities and their subsidiaries and joint ventures ("JVs")	13,185	652	13,837
(b) Local governments, local government-owned entities and their subsidiaries and JVs	9,888	891	10,779
(c) PRC nationals residing in Mainland China or other entities incorporated in Mainland China and their subsidiaries and JVs	19,063	4,292	23,355
(d) Other entities of central government not reported in part (a) above	2,944	120	3,064
(e) Other entities of local governments not reported in part (b) above	25	25	50
(f) PRC nationals residing outside Mainland China or entities incorporated outside Mainland China where the credit is granted for use in Mainland China	11,247	1,579	12,826
(g) Other counterparties where the exposures are considered by the reporting institution to be non-bank Mainland China exposures	14,711	5,552	20,263
Total	71,063	13,111	84,174
Total assets after provision	445,905		
On-balance sheet exposures as percentage of total assets	15.94%		

19 FOREIGN EXCHANGE EXPOSURES

The table below summarises the Bank's net non-structural and net structural foreign currency positions which are prepared in accordance with the HKMA return of "Foreign Currency Position". The net options position is calculated on the basis of the delta-weighted position of foreign exchange option contracts. Structural foreign exchange positions of the Bank are arising from capital investments outside Hong Kong, mainly in Chinese Renminbi and Macau Pataca.

In HK$ millions	USD	CNY	CAD	AUD	JPY	GBP	MOP	EUR	CHF	SGD	NZD	Others	Total
As at 31 December 2022													
Spot assets	**193,225**	**17,328**	**249**	**2,742**	**10,891**	**4,492**	**617**	**4,712**	**2,052**	**2,228**	**1,390**	**1,110**	**241,036**
Spot liabilities	**(195,864)**	**(19,280)**	**(3,971)**	**(9,618)**	**(3,942)**	**(6,086)**	**(496)**	**(6,444)**	**(331)**	**(2,349)**	**(1,960)**	**(1,026)**	**(251,367)**
Forward purchases	**104,034**	**8,337**	**3,829**	**7,237**	**2,632**	**2,842**	**–**	**4,691**	**2,259**	**1,345**	**672**	**9**	**137,887**
Forward sales	**(102,359)**	**(6,353)**	**(138)**	**(336)**	**(9,620)**	**(1,296)**	**–**	**(2,885)**	**(3,950)**	**(1,227)**	**(82)**	**(82)**	**(128,328)**
Net options position	**(7)**	**(2)**	**–**	**8**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**1**	**–**
Net long/(short) non-structural position	**(971)**	**30**	**(31)**	**33**	**(39)**	**(48)**	**121**	**74**	**30**	**(3)**	**20**	**12**	**(772)**
Net structural position	**–**	**280**	**–**	**–**	**–**	**–**	**(17)**	**–**	**–**	**–**	**–**	**–**	**263**
As at 31 December 2021													
Spot assets	174,203	14,339	353	2,934	11,770	3,127	635	5,634	1,016	2,263	1,971	2,811	221,056
Spot liabilities	(184,604)	(18,928)	(3,207)	(10,551)	(3,320)	(5,568)	(520)	(6,339)	(489)	(2,277)	(1,783)	(1,251)	(238,837)
Forward purchases	46,958	7,019	2,842	7,890	1,266	3,240	–	1,588	990	593	156	1	72,543
Forward sales	(36,838)	(2,394)	(68)	(243)	(9,537)	(870)	–	(808)	(1,457)	(602)	(337)	(1,565)	(54,719)
Net options position	–	1	–	(1)	–	–	–	–	–	–	–	–	–
Net long/(short) non-structural position	(281)	37	(80)	29	179	(71)	115	75	60	(23)	7	(4)	43
Net structural position	–	257	–	–	–	–	(9)	–	–	–	–	–	248

20 LIQUIDITY

20.1 Liquidity Risk Management

20.1.1 Governance

The Group's approach to liquidity risk management is based on the building blocks of governance by risk committees' oversight, policies that define overarching principles and specific risk methodologies, and standards that establish the detailed requirements.

The Group Liquidity Risk Management Policy sets out the Group's overall approach towards liquidity risk management and describes the range of strategies employed by the Group's to manage its liquidity. These include maintaining an adequate counterbalancing capacity, which corresponds to liquid assets, the capacity to borrow from the money markets as well as forms of managerial interventions that improve liquidity, to address potential cash flow shortfalls and maintaining diversified sources of liquidity. The Policy also sets out the structure and responsibilities of committees and functional units for liquidity risk management.

The Policy is supported by standards and corresponding Hong Kong addendums which establish the detailed requirements for liquidity risk identification, measurement, reporting and control. All the policies, standards and addendums would be subjected to annual review and approval from various risk committees, including the BRMC.

The MLRC serves as an executive forum to provide oversight on the effectiveness of liquidity risk management framework including policies, models, systems, processes, information and methodologies. The MLRC comprises representatives from risk management and other relevant business and support units. It sets standards and provides necessary guidance on the establishment and maintenance of bank-wide Liquidity Contingency Plan ("LCP").

The day-to-day liquidity risk monitoring, control, reporting and analysis are managed by the Risk Management Group, Market and Liquidity Risk unit – an independent risk management function that reports to the Senior Risk Executive.

20.1.2 Liquidity Stress Testing

The primary measure used to manage liquidity within the tolerance defined by the Board is the cash flow maturity mismatch analysis. The analysis is performed on a regular basis under normal and adverse scenarios. It assesses the adequacy of the counterbalancing capacity to fund or mitigate any cash flow shortfalls that may occur as forecasted in the cash flow movements across successive time bands. To ensure that liquidity is managed in line with the risk tolerance, core parameters underpinning the performance of the analysis, such as the types of scenarios, survival period and minimum level of liquid assets, are pre-specified for monitoring and control.

Stress testing is performed under the cash flow maturity mismatch analysis, and covers adverse scenarios involving shocks that are general market and/or bank-specific in nature. Stress tests assess the bank's vulnerability when liability run-offs increase, asset drawdown and rollovers increase and/or liquid asset buffer reduces. In addition, ad-hoc stress tests are performed in the formulation of the internal capital adequacy assessment process.

20 LIQUIDITY (continued)

20.1 Liquidity Risk Management (continued)

20.1.3 Funding Strategy

The Group strives to develop a diversified funding base with access to funding sources across retail and wholesale channels. In particular, the Group has continuously made inroads in growing, deepening and diversifying its deposit base, spanning retail, wealth management, corporate and institutional customers. Supplementing the deposit base, the Group continues to maintain access to wholesale channels to increase flexibility and manage funding cost in capitalising on business opportunities.

The Assets and Liabilities Committee ("ALCO") regularly reviews the composition and growth trajectories of the balance sheet and refine our funding strategy according to business momentum, competitive factors and prevailing market conditions.

20.1.4 Contingency Funding Plan

In the event of a potential or actual crisis, the DBS Bank Ltd has in place a set of LCP and respective Hong Kong Addendum, which applies to Hong Kong location level, to facilitate and prepare the management to respond in a coordinated, coherent and organized way to tide the Group over a crisis situation. The LCP establishes clear lines of responsibilities and preventive measures against and respond to a crisis situation. It also outlines the key management actions and options to be taken in managing a liquidity crisis. Stockpiling High Quality Liquid Assets, maintaining diversification of wholesale funding facilities, such as Money Market lines, Overdraft facilities, Repo facilities and access to Central Bank liquidity facilities could be served as contingent facilities while their availability depends on the types and/or severity of the crisis.

20.1.5 Liquidity Risk Mitigation

Strategies and plans are discussed at relevant committees such as BRMC, ALCO and MLRC to proactively manage liquidity risk of the Group. To mitigate the risk, the Group strives to maintain a diversified funding base and put in place a set of LCP to ensure adequate liquidity as mentioned in above paragraphs.

20.1.6 Cash Flow Maturity Mismatch Analysis*

In HK$ millions[(i)]	Less than 7 days	1 week to 1 month	1 to 3 months	3 to 12 months
2022				
Net liquidity mismatch	74,115	(11,122)	(28,371)	26,715
Cumulative mismatch	74,115	62,993	34,622	61,337
2021[(ii)]				
Net liquidity mismatch	45,068	26,272	(5,592)	11,977
Cumulative mismatch	45,068	71,340	65,747	77,724

(i) Positive indicates a position of liquidity surplus. Negative indicates a liquidity shortfall that has to be funded. The Group's liquidity is monitored on a cumulative mismatch basis.

(ii) As the behavioural assumptions used to determine the maturity mismatch between assets and liabilities are updated from time to time, the information presented above may not be directly comparable across past balance sheet dates.

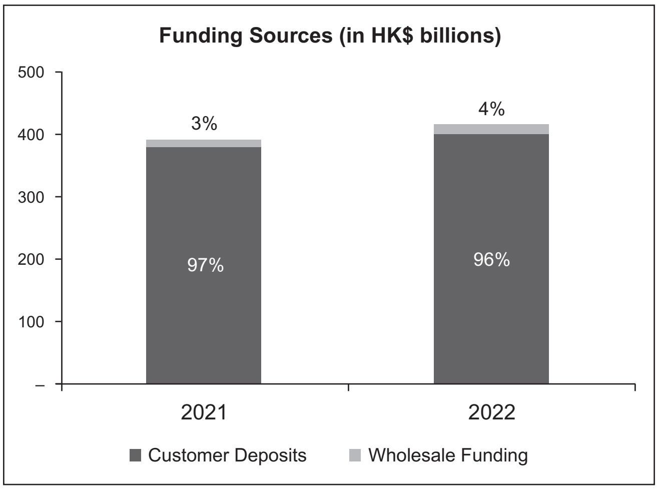
* *The cash flow maturity mismatch analysis has already taken into account limitations on the transferability of liquidity.*

20 LIQUIDITY (continued)

20.1 Liquidity Risk Management (continued)

20.1.7 Sources of Funding

The Bank's source of funding is mainly from customer deposits:



20.1.8 Liquidity Gap

The table below analyses the on- and off-balance sheet items, broken down into maturity buckets of the Bank as at 31 December 2022 based on the completion instructions of the HKMA MA(BS)23 – Liquidity Monitoring Tools:

In HK$ millions	Total amount	Next day	2 to 7 days	8 days to 1 month	> 1 month up to 3 months	> 3 months up to 6 months	> 6 months up to 1 year	> 1 year up to 2 years	> 2 years up to 3 years	> 3 years up to 5 years	Over 5 years	Balancing amount
Cash and balances with central bank	4,873	4,835	–	–	–	–	–	–	–	–	–	38
Due from banks	99,232	22,809	17,743	37,853	4,712	2,859	5,458	7,798	–	–	–	–
Debt securities	80,914	77,864	–	1,666	–	–	23	–	316	1,045	–	–
Loans and advances to customers	280,791	12,259	13,997	57,857	23,072	15,699	19,305	39,983	29,456	31,452	32,075	5,636
Other assets	32,726	233	877	2,491	4,708	1,369	1,276	3,029	8,701	1,152	5,123	3,767
Total on-balance sheet assets	**498,536**	**118,000**	**32,617**	**99,867**	**32,492**	**19,927**	**26,062**	**50,810**	**38,473**	**33,649**	**37,198**	**9,441**
Total off-balance sheet claims	**4,000**	**–**	**–**	**4,000**	**–**	**–**	**–**	**–**	**–**	**–**	**–**	**–**

In HK$ millions	Total amount	Next day	2 to 7 days	8 days to 1 month	> 1 month up to 3 months	> 3 months up to 6 months	> 6 months up to 1 year	> 1 year up to 2 years	> 2 years up to 3 years	> 3 years up to 5 years	Over 5 years	Balancing amount
Deposits and balances from customers	395,265	234,905	16,687	39,450	60,431	35,940	7,540	196	116	–	–	–
Due to banks	12,530	9,644	92	1,736	1,058	–	–	–	–	–	–	–
Certificates of deposit issued	3,147	–	–	–	802	1,335	1,010	–	–	–	–	–
Subordinated liability	2,339	–	–	–	–	–	–	–	–	2,339	–	–
Other liabilities	36,972	2,006	764	3,367	4,889	1,562	2,352	4,057	8,808	2,160	4,502	2,505
Total on-balance sheet liabilities	**450,253**	**246,555**	**17,543**	**44,553**	**67,180**	**38,837**	**10,902**	**4,253**	**8,924**	**4,499**	**4,502**	**2,505**
Total off-balance sheet obligations	**53,170**	**38,390**	**5,490**	**5,290**	**4,000**	**–**	**–**	**–**	**–**	**–**	**–**	**–**

20 LIQUIDITY (continued)

20.2 Liquidity Coverage Ratio

The Bank complies with the minimum requirement of Liquidity Coverage Ratio ("LCR") on a daily basis, in accordance with the Banking (Liquidity) Rules issued by the HKMA. The Bank is required to maintain an LCR of not less than 100%.

LCR aims to ensure that a bank has an adequate stock of unencumbered High Quality Liquid Assets ("HQLA") to meet its liquidity needs for a 30-calendar day liquidity stress scenario. Banking (Liquidity) Rules stipulates the range of liquid assets that qualify as HQLA, as well as the applicable haircuts for each category. Net cash outflows are computed using the standardized 30-day cash flow rates defined in the same notice. The amounts after the application of haircuts or 30-day cash flow rates are reflected in the "Weighted value" column of the tables below.

The Bank seeks to ensure that its LCR remains above the specified regulatory minimum requirements. This is achieved by:

1. Establishing internal early warning triggers and thresholds based on observed movements in LCR over time;

2. Monitoring and managing the LCR closely to ensure it stays within established boundaries; and

3. Strategically managing the liquidity risk arising from the balance sheet structure.

20 LIQUIDITY (continued)

20.2 Liquidity Coverage Ratio (continued)

Table: Average LCR for the quarter ended 31 December 2022

Number of data points used in calculating the average value of the LCR and related components set out in this template for the quarter ending on 31 December 2022: (75)		HK$ millions	
Basis of disclosure: unconsolidated		**Unweighted value (average)**	**Weighted value (average)**
A. HQLA			
1	Total HQLA		114,679
B. CASH OUTFLOWS			
2	Retail deposits and small business funding, of which:	208,728	17,184
3	*Stable retail deposits and stable small business funding*	10,639	319
4	*Less stable retail deposits and less stable small business funding*	139,210	13,921
4a	*Retail term deposits and small business term funding*	58,879	2,944
5	Unsecured wholesale funding (other than small business funding), debt securities and prescribed instruments issued by the AI, of which:	155,581	86,626
6	*Operational deposits*	12,321	2,649
7	*Unsecured wholesale funding (other than small business funding) not covered in row 6*	142,691	83,408
8	*Debt securities and prescribed instruments issued by the AI and redeemable within the LCR period*	569	569
9	Secured funding transactions (including securities swap transactions)		–
10	Additional requirements, of which:	33,825	4,554
11	*Cash outflows arising from derivative contracts and other transactions, and additional liquidity needs arising from related collateral requirements*	1,237	1,237
12	*Cash outflows arising from obligations under structured financing transactions and repayment of funding obtained from such transactions*	–	–
13	*Potential drawdown of undrawn committed facilities (including committed credit facilities and committed liquidity facilities)*	32,588	3,317
14	Contractual lending obligations (not otherwise covered in Section B) and other contractual cash outflows	1,783	1,783
15	Other contingent funding obligations (whether contractual or non-contractual)	186,423	623
16	**TOTAL CASH OUTFLOWS**		110,770
C. CASH INFLOWS			
17	Secured lending transactions (including securities swap transactions)	36,484	657
18	Secured and unsecured loans (other than secured lending transactions covered in Row 17) and operational deposits placed at other financial institutions	110,332	35,227
19	Other cash inflows	2,497	2,406
20	**TOTAL CASH INFLOWS**	149,313	38,290
D. LIQUIDITY COVERAGE RATIO		**ADJUSTED VALUE**	
21	**Total HQLA**		114,679
22	**TOTAL NET CASH OUTFLOWS**		72,480
23	**LCR (%)**		158.2

20 LIQUIDITY (continued)

20.2 Liquidity Coverage Ratio (continued)

The Bank has maintained a healthy liquidity position in the fourth quarter of 2022, with LCR being well above regulatory requirement. Quarter-on-quarter, the Bank increased holding of HQLA which had led to the increase of average LCR.

(i) Composition of High Quality Liquid Assets ("HQLA")

The Bank holds a pool of unencumbered HQLAs that is readily available to meet cash flow obligations under stress scenarios, as defined in the LCR rules. These liquid assets consist predominantly of Level 1 HQLA, including mainly Hong Kong exchange fund bills and notes, other government debt securities and balances with central banks. This is supplemented by covered bonds issued by reputable financial institutions.

(ii) Concentration of funding sources

The Bank strives to develop a diversified funding base with access to funding sources across retail and wholesale channels. Customer deposits form a sound funding base and serve as the main source of funding for the Bank. It is complemented by a well-diversified book of wholesale funding, including but not limited to interbank money market borrowing and the issuance of certificates of deposit. For more information on the Bank's funding strategy, please refer to section 20.1.3 above.

(iii) Derivatives exposures

The Bank actively manages its over-the-counter ("OTC") and exchange-traded derivative contracts, which comprise mainly of currency, interest rate and bond futures, foreign exchange forwards, interest rate and cross currency swaps, and foreign exchange options. Collaterals may be required to be posted to counterparties and/or the exchanges, depending on the daily mark-to-market of these derivative positions. The Bank's largest counterparty for OTC derivatives is the Bank's parent company.

(iv) Currency mismatch

Customer deposit in Hong Kong, largely denominated in Hong Kong Dollar ("HKD") and United States Dollar ("USD"), is a major funding source for the Bank. The Bank makes appropriate use of swap markets for the deployment of surplus funds to meet customer demand for loans.

(v) Centralisation of liquidity management

The Bank seeks to manage its liquidity in a prudent manner to ensure that its liquidity obligations would always be honored under normal and adverse circumstances. The Bank centrally manages its liquidity position and provides funding support to its overseas branch for the lending growth.

20 LIQUIDITY (continued)

20.3 Net Stable Funding Ratio

The bank maintains a healthy liquidity position by keeping a stable balance sheet structure that is supported by a diversified funding base. The NSFR remains well above the regulatory minimum requirement of 100%.

The bank seeks to ensure that its NSFR remains above the specified regulatory minimum requirements, which is achieved by:

1. Monitoring the NSFR closely against an internal early warning trigger; and

2. Managing and developing strategies to build a diversified funding base with access to funding sources across retail and wholesale channels.

Table 1: NSFR for the quarter ended 31 December 2022

In HK$ millions		(a)	(b)	(c)	(d)	(e)
Basis of disclosure: unconsolidated		**Unweighted value by residual maturity**				
		No specified term to maturity	< 6 months or repayable on demand	6 months to < 12 months	12 months or more	**Weighted amount**
A. Available stable funding ("ASF") item						
1	Capital:	45,402	–	–	2,339	47,741
2	*Regulatory capital*	45,402	–	–	2,339	47,741
2a	*Minority interests not covered by row 2*	–	–	–	–	–
3	*Other capital instruments*	–	–	–	–	–
4	Retail deposits and small business funding:	–	204,937	5,775	160	190,336
5	*Stable deposits*		10,619	83	2	10,169
6	*Less stable deposits*		194,318	5,692	158	180,167
7	Wholesale funding:	–	197,835	2,345	1,717	69,719
8	*Operational deposits*		12,637	–	–	6,318
9	*Other wholesale funding*	–	185,198	2,345	1,717	63,401
10	Liabilities with matching interdependent assets					
11	Other liabilities:	15,097	2,164	1,010	–	505
12	*Net derivative liabilities*	3,045				
13	*All other funding and liabilities not included in the above categories*	12,052	2,164	1,010	–	505
14	**Total ASF**					308,301
B. Required stable funding ("RSF") item						
15	Total HQLA for NSFR purposes	846	28,056	9,564	48,554	4,843
16	Deposits held at other financial institutions for operational purposes	–	421	–	–	210
17	Performing loans and securities:	15,353	194,991	23,990	141,898	210,651
18	*Performing loans to financial institutions secured by Level 1 HQLA*	–	46,331	–	–	4,633

20 LIQUIDITY (continued)

20.3 Net Stable Funding Ratio (continued)

Table 1: NSFR for the quarter ended 31 December 2022 (continued)

In HK$ millions		(a)	(b)	(c)	(d)	(e)
Basis of disclosure: unconsolidated		Unweighted value by residual maturity				Weighted amount
		No specified term to maturity	< 6 months or repayable on demand	6 months to < 12 months	12 months or more	
19	*Performing loans to financial institutions secured by non-Level 1 HQLA and unsecured performing loans to financial institutions*	106	43,318	5,498	7,841	17,194
20	*Performing loans, other than performing residential mortgage, to non-financial corporate clients, retail and small business customers, sovereigns, the Monetary Authority for the account of the Exchange Fund, central banks and PSEs, of which:*	15,247	104,203	17,645	102,707	161,184
21	*With a risk-weight of less than or equal to 35% under the STC approach*	–	–	–	–	–
22	*Performing residential mortgages, of which:*	–	1,139	847	30,484	26,904
23	*With a risk-weight of less than or equal to 35% under the STC approach*	–	–	–	–	–
24	*Securities that are not in default and do not qualify as HQLA, including exchange-traded equities*	–	–	–	866	736
25	Assets with matching interdependent liabilities					
26	Other assets:	13,169	1,090	14	1,732	10,480
27	*Physical traded commodities, including gold*	–				–
28	*Assets posted as initial margin for derivative contracts and contributions to default funds of CCPs*	–				–
29	*Net derivative assets*	–				–
30	*Total derivative liabilities before adjustments for deduction of variation margin posted*	5,214				261
31	*All other assets not included in the above categories*	7,955	1,090	14	1,732	10,219
32	Off-balance sheet items		230,537	–	–	1,840
33	**Total RSF**					228,024
34	**Net Stable Funding Ratio (%)**					135.2

DBS BANK (HONG KONG) LIMITED AND ITS SUBSIDIARIES

REGULATORY DISCLOSURES

20 LIQUIDITY (continued)

20.3 Net Stable Funding Ratio (continued)

Table 2: NSFR for the quarter ended 30 September 2022

In HK$ millions		(a)	(b)	(c)	(d)	(e)
Basis of disclosure: unconsolidated		**Unweighted value by residual maturity**				**Weighted amount**
		No specified term to maturity	< 6 months or repayable on demand	6 months to < 12 months	12 months or more	
A. Available stable funding ("ASF") item						
1	Capital:	44,291	4,239	–	–	44,291
2	*Regulatory capital*	44,291	4,239	–	–	44,291
2a	*Minority interests not covered by row 2*	–	–	–	–	–
3	*Other capital instruments*	–	–	–	–	–
4	Retail deposits and small business funding:	–	197,791	6,675	53	184,641
5	*Stable deposits*		11,273	105	1	10,810
6	*Less stable deposits*		186,518	6,570	52	173,831
7	Wholesale funding:	–	187,686	4,307	1,804	72,503
8	*Operational deposits*		13,423	–	–	6,711
9	*Other wholesale funding*	–	174,263	4,307	1,804	65,792
10	Liabilities with matching interdependent assets					
11	Other liabilities:	26,012	2,745	2,010	–	1,005
12	*Net derivative liabilities*	3,513				
13	*All other funding and liabilities not included in the above categories*	22,499	2,745	2,010	–	1,005
14	**Total ASF**					302,440
B. Required stable funding ("RSF") item						
15	Total HQLA for NSFR purposes	670	33,753	4,001	50,921	4,582
16	Deposits held at other financial institutions for operational purposes	–	360	–	–	180
17	Performing loans and securities:	14,959	193,979	23,831	144,506	213,918
18	*Performing loans to financial institutions secured by Level 1 HQLA*	–	21,483	–	–	2,148
19	*Performing loans to financial institutions secured by non-Level 1 HQLA and unsecured performing loans to financial institutions*	113	69,142	3,158	14,958	27,022
20	*Performing loans, other than performing residential mortgage, to non-financial corporate clients, retail and small business customers, sovereigns, the Monetary Authority for the account of the Exchange Fund, central banks and PSEs, of which:*	14,846	102,174	19,773	98,128	157,002

20 LIQUIDITY (continued)

20.3 Net Stable Funding Ratio (continued)

Table 2: NSFR for the quarter ended 30 September 2022 (continued)

In HK$ millions		(a)	(b)	(c)	(d)	(e)
Basis of disclosure: unconsolidated		**Unweighted value by residual maturity**				**Weighted amount**
		No specified term to maturity	< 6 months or repayable on demand	6 months to < 12 months	12 months or more	
21	*With a risk-weight of less than or equal to 35% under the STC approach*	–	–	–	–	–
22	*Performing residential mortgages, of which:*	–	1,180	900	30,535	26,994
23	*With a risk-weight of less than or equal to 35% under the STC approach*	–	–	–	–	–
24	*Securities that are not in default and do not qualify as HQLA, including exchange-traded equities*	–	–	–	885	752
25	Assets with matching interdependent liabilities					
26	Other assets:	13,827	1,273	22	1,750	10,436
27	*Physical traded commodities, including gold*	–				–
28	*Assets posted as initial margin for derivative contracts and contributions to default funds of CCPs*	–				–
29	*Net derivative assets*	–				–
30	*Total derivative liabilities before adjustments for deduction of variation margin posted*	6,033				302
31	*All other assets not included in the above categories*	7,794	1,273	22	1,750	10,134
32	Off-balance sheet items		219,277	–	–	1,631
33	**Total RSF**					230,747
34	**Net Stable Funding Ratio (%)**					131.1

The NSFR remained well above the regulatory requirement in the second half of 2022. Compared to previous quarter, the NSFR as of end 4Q 2022 increased. It was mainly due to larger retail deposits balance.

The NSFR is sensitive to (i) balance sheet movements resulting from commercial loan and deposit activities, and (ii) movements due to positions falling into the NSFR 1-year tenor, such as when the residual maturity of capital fall within the 1-year tenor.

There are no interdependent assets and liabilities as of end 3Q and 4Q 2022.

21 SEGMENTAL INFORMATION

(a) Segmental information by class of business

In HK$ millions 2022	Commercial and consumer banking	Treasury	Others	Total
Total income	**11,868**	**337**	**413**	**12,618**
Profit before allowances for credit and other losses	**6,718**	**194**	**136**	**7,048**
Profit before income tax	**6,394**	**194**	**70**	**6,658**
Operating assets	**280,920**	**51,364**	**143,591**	**475,875**
2021				
Total income	9,634	167	1,306	11,107
Profit before allowances for credit and other losses	4,749	8	1,093	5,850
Profit before income tax	4,452	8	1,210	5,670
Operating assets	243,165	18,876	185,767	447,808

Commercial and consumer banking business mainly comprises deposit account services, residential mortgage and other consumer lending, credit card services, corporate lending, trade finance and international banking.

Treasury Markets' activities primarily include structuring, market-making and trading across a broad range of treasury products.

Others encompass the results of corporate decisions that are not attributed to business segments.

(b) Segmental information by booking location

Over 90% of the Group's total income, profit before income tax, total assets, total liabilities, contingent liabilities and commitments are booked in Hong Kong.

22 REMUNERATION

The Bank adopts the remuneration policy and practices formulated by DBSH.

The Board of DBSHK reviewed and approved DBSHK's remuneration policy. The Board Nomination and Remuneration Committee ("BNRC") provided oversight of the remuneration of the CEO, senior executives and control functions in line with the Financial Stability Board's ("FSB") guidelines.

22 REMUNERATION (continued)

22.1 Objectives of DBS Remuneration Strategy

DBS' remuneration policy, which is applicable to DBS Bank and all our subsidiaries and overseas offices, seeks to ensure that we are able to attract, motivate and retain employees to deliver long-term shareholder returns taking into consideration risk management principles and standards set out by the FSB and the Code of Corporate Governance.

When formulating our remuneration strategy, consideration was given to aligning our remuneration approach with DBS PRIDE! values in order to drive desired behaviours and achieve the objectives set out in our balanced scorecard.

The following shows the three main thrusts of our remuneration strategy and how they are implemented within DBS:

Main thrusts	Details
Pay for performance as measured against balanced scorecard	• Instill and drive a pay-for-performance culture • Ensure close linkage between total compensation and our annual and long-term business objectives as measured by the balanced scorecard • Calibrate mix of fixed and variable pay to drive sustainable performance aligned to DBS PRIDE! values, taking into account both "what" and "how" key performance indicators ("KPIs") are achieved
Provide market competitive pay	• Benchmark our total compensation against other organisations of similar size and standing in the markets we operate in • Drive performance differentiation by benchmarking total compensation for top performing employees against the upper quartile or higher in each market
Guard against excessive risk-taking	• Focus on achieving risk-adjusted returns that are consistent with our prudent risk and capital management as well as emphasis on long-term sustainable outcomes • Design payout structure to align incentive payments with the long-term performance of the company through deferral and clawback arrangements • Design sales incentives plans to encourage the right sales behaviour

22 REMUNERATION (continued)

22.2 Summary of Current Total Compensation Elements

The table below provides a description of total compensation elements, their purpose and implementation:

Elements	Purpose	Details
Salary	• Attract and retain talent by ensuring our fixed pay is competitive vis-à-vis comparable institutions	• Set at an appropriate level taking into account market dynamics as well as skills, experience, responsibilities, competencies and performance of the employee • Typically reviewed annually
Cash bonus and deferred shares	• Provide a portion of total compensation that is performance-linked • Focus employees on the achievement of objectives which are aligned to value creation for our shareholders and multiple stakeholders • Align to time horizon of risk	• Based on DBS, business or support unit and individual performance • Measured against a balanced scorecard which is agreed to at the start of the year • Awards in excess of a certain threshold are subject to a tiered deferral rate that ranges from 20% to 60% with a minimum deferred quantum.

22.3 Determination of Variable Pay Pool

The variable pay pool is derived from a combination of bottom-up and top-down approach. It is underpinned by our aim to drive a pay-for-performance culture which is aligned to our risk framework.

Process	Details
Determining total variable pay pool	A function of our overall balanced scorecard and benchmarked against market. The scorecard includes substantial risk and control metrics designed and evaluated by the control functions. Control functions therefore have a direct role in determining the size of the variable pay pool. The variable pay pool is further calibrated against the following prisms: • Risk adjustment through review of Returns on Risk-Adjusted Capital ("RoRAC") • Appropriate distribution of surplus earnings (after cost of equity) between employees and shareholders
Allocating pool to business units	• Pool allocation takes into account the relative performance of each unit against their balanced scorecard as evaluated by the CEO • Inputs from control functions such as Audit, Compliance and Risk are sought • Country heads are also consulted in the allocation process
Determining individual award	• Unit heads cascade their allocated pool to their teams and individuals • Individual variable pay determined based on performance against goals and DBS PRIDE! Values • Employees with disciplinary warning meted out may have their variable pay impacted

22 REMUNERATION (continued)

22.3 Determination of Variable Pay Pool (continued)

The performance of control functions (Audit, Compliance and Risk) are assessed independently from the business units they support to prevent any conflicts of interests. The remuneration of the Senior Risk Executive and Head of Audit are endorsed by the Board Nomination and Remuneration Committee.

Sales employees are incentivised to promote the development of mutually beneficial long-term relationships with their customers, rather than a sole focus on short-term gains. Non-financial metrics such as customer satisfaction and compliance with fair dealing principles are incorporated into their KPIs.

22.4 Deferred Remuneration

Plan objectives	Details
• Foster a culture that aligns employees' interests with shareholders • Enable employees to share in DBS' performance • Help in talent retention	• Deferred remuneration is paid in restricted shares (DBSH Share Plan) and comprises two elements: the main award and retention award • The retention award constitutes 20% of the shares given in the main award and is designed to retain talent and compensate staff for the time value of deferral • Deferred awards vest over four years, and will lapse immediately upon termination of employment (including resignation) except in the event of ill health, injury, disability, redundancy, retirement or death • Special Award is sometimes awarded as part of talent retention

Vesting schedule	Malus of unvested awards and clawback of vested awards
Main Award • 33% vest two years after grant date • Another 33% vest three years after grant date • Remaining 34% vest four years after grant date **Retention Award** • 100% vest four years after grant date	**Malus and/or clawback will be triggered by** • Material violation of risk limits • Material losses due to negligent risk-taking or inappropriate individual behavior • Material restatement of DBS' financials due to inaccurate performance measures • Misconduct or fraud Vested and unvested awards are subject to claw back within seven years from the date of grant

Employees on sales incentive plans whose incentives exceed a certain threshold are also subject to deferrals which vest over 3 years and a 15% retention award.

Selective employees are awarded retention shares in light of market conditions and competition for talent. These retention shares are subject to DBS' usual four-year vesting period.

22 REMUNERATION (continued)

22.5 Senior Management and Material Risk Takers

In line with the principles set out by FSB, a substantial portion of remuneration for our Senior Management as well as material risk takers (i.e. other employees whose actions have a material impact on the risk exposure of the bank) are variable. The variable remuneration in excess of a certain threshold are subject to deferral, thus ensuring alignment to the time horizon of risks.

In 2022, an external management consulting firm, Aon Solutions Singapore Pte Ltd., was engaged to provide an independent review of the Bank's compensation system and processes to ensure compliance with the various principles and procedures for maintaining a sound remuneration system stipulated under the Supervisory Policy Manual on Guideline on a Sound Remuneration System ("CG-5") issued by the HKMA. A similar review is planned for 2023.

We used salary surveys conducted by an external compensation consultant, McLagan, as references for employee salary benchmarking purposes. McLagan and its consultants are independent and not related to us or any of our Directors.

For more details on the remuneration policies, please refer to DBS Group Annual Report and Pillar 3 disclosure documents.

23 ABBREVIATIONS

Abbreviations	Brief Description
AI	Authorised Institutions
ASF	Available Stable Funding
AT1	Additional Tier 1
BCR	Banking (Capital) Rules
BLR	Banking (Liquidity) Rules
BSC	Basic Approach
CCF	Credit Conversion Factor
CCP	Central Counterparty
CCR	Counterparty Credit Risk
CCyB	Countercyclical Capital Buffer
CEM	Current Exposure Method
CET1	Common Equity Tier 1
CF	Commodities Finance
CFR	Core Funding Ratio
CIS	Collective Investment Scheme
CRM	Credit Risk Mitigation
CVA	Credit Valuation Adjustment
D-SIB	Domestic Systemically Important Authorized Institution
DTAs	Deferred Tax Assets
EAD	Exposure At Default
ECL	Expected Credit Loss
EL	Expected Loss
EPE	Expected Positive Exposure
EVE	Economic Value of Equity
FBA	Fall-Back Approach
FVOCI	Fair Value through Other Comprehensive Income
G-SIB	Global Systemically Important Authorized Institution
HKMA	Hong Kong Monetary Authority
HQLA	High Quality Liquid Assets

23 ABBREVIATIONS (continued)

Abbreviations	Brief Description
HVCRE	High-volatility Commercial Real Estate
IAA	Internal Assessment Approach
ICAAP	Internal Capital Adequacy Assessment Process
IMM	Internal Models Method
IMM (CCR)	Internal Models Method (Counterparty Credit Risk)
IPRE	Income-producing Real Estate
IRB	Internal Ratings-Based
JCCyB	Jurisdictional Countercyclical Capital Buffer
LAC	Loss-absorbing Capacity
LCR	Liquidity Coverage Ratio
LGD	Loss Given Default
LMR	Liquidity Maintenance Ratio
LR	Leverage Ratio
LTA	Look Through Approach
MBA	Mandate-based Approach
MSRs	Mortgage Servicing Rights
NA	Not Applicable
NII	Net Interest Income
NMDs	Non-maturity Deposits
NSFR	Net Stable Funding Ratio
OF	Object Finance
OTC	Over-the-Counter
PD	Probability of Default
PF	Project Finance
PFE	Potential Future Exposure
PSE	Public Sector Entity
PVA	Prudent Valuation Adjustments
RSF	Required Stable Funding
RWA	Risk Weighted Assets

23 ABBREVIATIONS (continued)

Abbreviations	Brief Description
SA-CCR	Standardized (Counterparty Credit Risk)
SEC-IRBA	Securitization Internal Ratings-Based Approach
SEC-ERBA	Securitization External Ratings-Based Approach
SEC-SA	Securitization Standardized Approach
SEC-FBA	Securitization Fall-back Approach
SFT	Securities Financing Transaction
SRW	Supervisory Risk Weights
STC	Standardized (Credit Risk)
STM	Standardized (Market Risk)
VaR	Value-at-risk