OCBC Bank (Hong Kong) Limited

2023 Interim Report





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## **Unaudited Consolidated Statement of Profit or Loss**

	Notes	Six months ended 30th June, 2023	Six months ended 30th June, 2022
Interest income calculated using the effective interest method	4(a)	6,237	3,300
Other interest income	4(a)	732	127
Interest expense	4(b)	(3,770)	(1,084)
Net interest income		3,199	2,343
Fees and commission income		723	740
Fees and commission expense		(70)	(61)
Net fees and commissions income	4(c)	653	679
Dividends	4(d)	22	10
Rental income	. (0.)	2	2
Other income	4(e)	319	434
Other operating income		996	1,125
Operating income		4,195	3,468
Operating expenses	4(f)	(1,999)	(1,843)
Operating profit before expected credit loss		2,196	1,625
Change in expected credit loss and other credit impairment charges		136	(352)
Operating profit after expected credit loss		2,332	1,273
Share of net gains of associated companies		39	67
Profit before taxation		2,371	1,340
Taxation	5	(427)	(218)
Profit for the period attributable to equity shareholder of the Bank		1,944	1,122



## Unaudited Consolidated Statement of Comprehensive Income

	Notes	Six months ended 30th June, 2023	Six months ended 30th June, 2022
Profit for the period		1,944	1,122
Other comprehensive income for the period (after tax and reclassification adjustments)			
Items that will not be reclassified to profit or loss – Surplus on revaluation of bank premises – Income tax related to the above – Share of surplus on revaluation of	11	63 (14)	14 (6)
bank premises of associated companies		4	
		53	8
<ul> <li>Equity securities measured at fair value through other comprehensive income</li> </ul>			
<ul> <li>Fair value changes</li> <li>Deferred taxes</li> </ul>		(372) 22	(261) 16
<ul> <li>Share of fair value changes of financial assets of associated companies</li> </ul>		2	3
		(348)	(242)
		(295)	(234)
Items that are or may be reclassified subsequently to profit or loss			
<ul> <li>Exchange adjustments on translation of financial statements of subsidiaries</li> </ul>		(403)	(465)
<ul> <li>Debt securities measured at fair value through other comprehensive income</li> </ul>			
<ul> <li>Fair value changes</li> <li>Transfer to consolidated statement of profit or loss</li> </ul>		157	(888)
- gains on disposal		(39)	(35)
<ul> <li>expected credit loss recognised</li> <li>Income tax related to the above</li> </ul>		(4) (65)	5 152
<ul> <li>Share of fair value changes of financial assets of associated companies</li> </ul>		118	(106)
		167	(872)



## **Unaudited Consolidated Statement of Comprehensive Income**

	Notes	Six months ended 30th June, 2023	Six months ended 30th June, 2022
– Cash flow hedging reserve			
– Fair value changes taken to equity			2
– Unappropriated profits			
– Bank premises			
- Deferred taxes		15	11
		(221)	(1,324)
Other comprehensive income for the period, net of tax		(516)	(1,558)
Total comprehensive income for the period attributable to			
equity shareholder of the Bank		1,428	(436)



## **Unaudited Consolidated Statement of Financial Position**

	Notes	30th June, 2023	31st December, 2022
ASSETS			
Cash and balances with banks and central banks Placements with banks, central banks and	6	7,704	10,645
other financial institutions Amounts due from ultimate holding company,	7	3,156	3,903
fellow subsidiaries and fellow associates		10,594	18,324
Trading assets	21(a)	16,882	9,821
Advances to customers and other accounts Financial assets measured at fair value through	8	202,830	207,605
other comprehensive income	21(a)	82,241	81,814
Debt securities measured at amortised cost		5,513	-
Assets held for sale	10	10	-
Investments in associated companies		732	569
Tangible fixed assets	11		
<ul> <li>Investment properties</li> <li>Other properties</li> </ul>		323	293
<ul> <li>Other properties, plants and equipment Goodwill</li> </ul>		5,068 1,306	5,093 1,306
Current tax recoverable		40	4
Deferred tax assets		74	106
Total assets		336,473	339,483
EQUITY AND LIABILITIES			
Deposits and balances of banks		9,768	7,412
Amounts due to ultimate holding company and			
fellow subsidiaries		6,916	13,050
Deposits from customers	12	246,936	247,210
Certificates of deposit and fixed rate note issued	13	6,128	11,611
Trading liabilities	21(a)	14,667	8,685
Lease liabilities Current tax payable	14	77 555	90 395
Deferred tax liabilities		506	449
Other accounts and provisions	15	4,458	4,515
Total liabilities		290,011	293,417
Share capital		7,308	7,308
Reserves	16	36,154	35,758
Perpetual capital securities issued		3,000	3,000
Total equity		46,462	46,066
Total equity and liabilities		336,473	339,483



## Unaudited Consolidated Statement of Changes in Equity

				x months ended			
			2	30th June, 2023			
				Dividends			
			Coupon of	declared or		Other	
		Transfer	perpetual	approved	C	comprehensive	
	At	to/(from)	capital	during	Profit for	income for	
	1st January	reserve	securities	the period	the period	the period	At 30th June
Share capital	7,308	-	-	-	-	-	7,308
Capital reserve	478	46	-	-	-	-	524
Statutory reserve	430	-	-	-	-	-	430
General reserve	1,536	-	-	-	-	(403)	1,133
Bank premises							
revaluation reserve	3,075	(34)	-	-	-	53	3,094
Investment revaluation							
reserve (recycling)	(1,034)	-	-	-	-	167	(867)
Investment revaluation							
reserve (non-recycling)	2,368	-	-	-	-	(348)	2,020
Unappropriated profits	28,905	(12)	(72)	(960)	1,944	15	29,820
Perpetual capital securities	3,000	_	_	_		_	3,000
Total equity	46,066	-	(72)	(960)	1,944	(516)	46,462

				x months ended : December, 2022			
				Dividends			
			Coupon of	declared or		Other	
		Transfer	perpetual	approved	C	comprehensive	
	At	to/(from)	capital	during	Profit for	income for	At
	30th June	reserve	securities	the period	the period	the period	31st December
Share capital	7,308	_	_	-	-	_	7,308
Capital reserve	478	-	-	_	-	-	478
Statutory reserve	430	-	-	_	-	-	430
General reserve	1,983	-	-	_	-	(447)	1,536
Bank premises							
revaluation reserve	3,146	(33)	-	_	-	(38)	3,075
Investment revaluation							
reserve (recycling)	(722)	-	-	_	-	(312)	(1,034)
Investment revaluation							
reserve (non-recycling)	2,034	-	-	_	-	334	2,368
Unappropriated profits	28,212	33	(72)	(700)	1,418	14	28,905
Perpetual capital securities	3,000	_	_	-	-	_	3,000
Total equity	45,869	-	(72)	(700)	1,418	(449)	46,066



## **Unaudited Consolidated Statement of Changes in Equity**

				x months ended			
				30th June, 2022 Dividends			
			Coupon of	declared or		Other	
		Transfer	perpetual	approved	C	comprehensive	
	At	to/(from)	capital	during	Profit for	income for	At
	1st January	reserve	securities	the period	the period	the period	30th June
Share capital	7,308	-	-	_	_	_	7,308
Capital reserve	483	(5)	-	_	-	_	478
Statutory reserve	430	-	-	_	-	-	430
General reserve	2,447	-	-	_	-	(464)	1,983
Bank premises							
revaluation reserve	3,169	(31)	-	_	-	8	3,146
Investment revaluation							
reserve (recycling)	151	-	-	_	-	(873)	(722)
Investment revaluation							
reserve (non-recycling)	2,276	-	-	-	-	(242)	2,034
Cash flow hedging reserve	(2)	-	-	_	-	2	-
Unappropriated profits	27,364	36	(71)	(250)	1,122	11	28,212
Perpetual capital securities	3,000	-	-	-	-	_	3,000
Total equity	46,626	-	(71)	(250)	1,122	(1,558)	45,869

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## **Unaudited Consolidated Cash Flow Statement**

	Notes	Six months ended 30th June, 2023	Six months ended 30th June, 2022
Net cash outflow from operating activities	18(a)	(3,353)	(8,449)
Investing activities Purchase of financial assets measured at fair value through other comprehensive income Sale and redemption of financial assets measured at		(27,979)	(11,149)
fair value through other comprehensive income Purchase of properties and equipment Sale of properties and equipment		18,139 (68) –	15,397 (32) 68
Net cash (outflow)/inflow from investing activities		(9,908)	4,284
Financing activities Dividends paid Net proceeds from issue of fixed rate notes Interest paid on fixed rate note Coupon of perpetual capital securities Payment of lease liabilities		(960) - (52) (72) (32)	(250) 879 (30) (71) (38)
Net cash (outflow)/inflow from financing activities		(1,116)	490
Decrease in cash and cash equivalents		(14,377)	(3,675)
Cash and cash equivalents at 1st January Effects of foreign exchange rate changes		30,775 (537)	29,024 (545)
Cash and cash equivalents at 30th June		15,861	24,804
Analysis of the balances of cash and cash equivalents Cash and balances with banks and central banks Placements with banks, central banks and other financial institutions with an original maturity within three months		7,508 2,640	9,436
Amounts due from ultimate holding company, fellow subsidiaries and fellow associates with an original maturity within three months Treasury bills with an original maturity within three months		5,063 650	10,736 2,966
		15,861	24,804
Cash flows from operating activities included: Interest received Interest paid Dividend received		6,826 3,087 22	3,500 952 10



(Expressed in millions of Hong Kong dollars unless otherwise stated)

### 1. GENERAL INFORMATION

OCBC Bank (Hong Kong) Limited (formerly known as OCBC Wing Hang Bank Limited) ("the Bank") is a licensed bank in Hong Kong. The Bank together with its subsidiaries (collectively "the Group") provide banking, financial and other related services.

With effect from 26 June 2023, the name of the Bank was changed from OCBC Wing Hang Bank Limited to OCBC Bank (Hong Kong) Limited.

The unaudited consolidated profit for the period attributable to equity shareholders of the Group for the six months ended 30th June, 2023 was HK\$1,944 million. The results of the Group for the period ended 30th June, 2023 and the state of affairs of the Group and the Bank as at 30th June, 2023 are set out in the interim financial report on pages 2 to 44.

#### 2. BASIS OF PREPARATION

The accounting policies and methods of computation used in the preparation of the 2023 interim consolidated financial report are consistent with those used and described in the Group's annual audited financial report for the year ended 31st December, 2022, except for the changes in accounting policies as described in note 3.

In preparing the interim consolidated financial report for 2023, the Bank has fully complied with the disclosure standards set out in the "Banking (Disclosure) Rules" and the "Guideline on the Application of the Banking (Disclosure) Rules" issued by the Hong Kong Monetary Authority ("HKMA").

Disclosures on capital and leverage required by the Banking (Disclosure) Rules will be disclosed by 30th September, 2023 under "Regulatory Disclosure" on the website of the Bank (www.ocbc.com.hk).

The interim consolidated financial report was approved by the Board of Directors for issue on 20th September, 2023.

The interim consolidated financial report has not been audited.

#### 3. CHANGES IN ACCOUNTING POLICIES

The Hong Kong Institute of Certified Public Accountants has issued a number of standards and amendments to HKFRS and HKAS that are first effective for the current accounting period of the Group.

The Group has assessed that those HKFRS's and HKAS's standards and amendments have no significant impact to the interim consolidated financial report:

- Insurance Contracts HKFRS 17
- Disclosure of Accounting Policies Amendments to HKAS 1 and HKFRS Practice Statement 2
- Definition of Accounting Estimates Amendments to HKAS 8, and
- Deferred Tax related to Assets and Liabilities arising from a Single Transaction Amendments to HKAS 12



(b)

(c)

## Notes to Unaudited Interim Financial Report

### 4. OPERATING PROFIT

(a) Interest income

	Six months ended 30th June, 2023	Six months ended 30th June, 2022
Interest income calculated using the effective		
interest method:		
- financial assets not measured at fair value		
through profit or loss Dther interest income:	6,237	3,300
<ul> <li>trading assets</li> </ul>	732	127
of which: interest income from impaired financial asset	s <b>35</b>	9
when, intelest meetine nom impared infancial asset	J <b>J</b>	5
nterest expense		
	Six months ended	Six months ended
	30th June, 2023	30th June, 2022
nterest expense including the following:		
<ul> <li>Financial liabilities not measured at fair value</li> </ul>		
through profit or loss	3,145	911
	Six months ended 30th June, 2023	Six months ended 30th June, 2022
ees and commission Credit commission and fees	69	62
Credit commission and rees	63	47
Trade related fees	30	37
Insurance commission	72	68
Stockbroking fees Wealth management fees	42 29	57 54
Other fees and commission income		54
	418	415
Less: Fees and commission expenses	418 (70)	415 (61)
Less: Fees and commission expenses		
	(70)	(61)
of which:	(70)	(61)
of which: Net fees and commission, other than amounts	(70)	(61)
Less: Fees and commission expenses of which: Net fees and commission, other than amounts included in determining the effective interest rate, arising from financial instruments that are not	(70)	(61)
of which: Net fees and commission, other than amounts included in determining the effective interest rate,	(70)	(61)

### 4. **OPERATING PROFIT** (Continued)

(d) Dividends

	Six months ended 30th June, 2023	Six months ended 30th June, 2022
Dividend income from financial assets measured at		
fair value through other comprehensive income		
– Unlisted financial assets	22	10

#### (e) Other income

14	12
	57
30	(10)
(13)	29
(52)	(6)
39	35
	0.10
201	346
1	
19	(2)
148	101
44	486
(33)	(487)
112	248
Six months ended 30th June, 2023	Six months ended 30th June, 2022
	30th June, 2023 112 (33) 44 148 19 1 291 39 (52) (13)

\* Included net interest expense of HK\$108 million (30th June, 2022: HK\$51 million) related to cross currency funding swaps.

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## **Notes to Unaudited Interim Financial Report**

### 4. **OPERATING PROFIT** (Continued)

(f) Operating expenses

	Six months ended 30th June, 2023	Six months ended 30th June, 2022
Staff costs (note (i))		
Salaries and other staff costs	1,415	1,311
Retirement benefit costs	66	60
Share based expenses	17	17
	1,498	1,388
Premises and equipment expenses, excluding		101
depreciation	135	121
Depreciation (note 11)	162	159
Others	204	175
	1,999	1,843

(i) In 2022, the Group successfully applied for funding support from the Employment Support Scheme under the Antiepidemic Fund, set up by the HKSAR Government. The purpose of the funding is to provide financial support to enterprises to retain their employees who would otherwise be made redundant. Under the terms of the grant, the Group is required not to make redundancies during the subsidy period and to spend all the funding on paying wages to the employees.

### 5. TAXATION

	Six months ended 30th June, 2023	Six months ended 30th June, 2022
Current tax – Provision for Hong Kong profits tax	235	166
Current tax – Provision for tax outside Hong Kong	182	80
Deferred taxation	10	(28)
	427	218

## 6. CASH AND BALANCES WITH BANKS AND CENTRAL BANKS

	30th June, 2023	31st December, 2022
Cash balances	805	1,096
Balances with central banks	5,154	6,962
Balances with banks	1,745	2,587
Expected credit loss (Stage 1) (note 9)	-	_
	7,704	10,645

# 7. PLACEMENTS WITH BANKS, CENTRAL BANKS AND OTHER FINANCIAL INSTITUTIONS

	30th June, 2023	31st December, 2022
Remaining maturity		
– Within 1 month	2,640	3,156
– Over 1 month but within 1 year	517	748
Expected credit loss (Stage 1) (note 9)	(1)	(1)
	3,156	3,903

## 8. ADVANCES TO CUSTOMERS AND OTHER ACCOUNTS

	30th June, 2023	31st December, 2022
Gross advances to customers	197,211	200,262
Expected credit loss (Stages 1 and 2) (note 9)	(635)	(723)
Expected credit loss (Stage 3) (note 9)	(223)	(267)
Net advances to customers	196,353	199,272
Gross trade bills	1,195	2,747
Expected credit loss (Stages 1 and 2) (note 9)	(2)	(1)
Net trade bills	1,193	2,746
Advances to banks	1,543	1,454
Expected credit loss (Stage 1) (note 9)	_	
Net advances to banks	1,543	1,454
Customer liability under acceptances	449	856
Interest receivables	1,256	1,152
Positive fair values of derivative financial instruments		
held for hedging (note 17)	610	605
Other accounts	1,426	1,520
	202,830	207,605

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## Notes to Unaudited Interim Financial Report

### 9. EXPECTED CREDIT LOSS

#### (a) Reconciliation of expected credit loss

	Six n	nonths ended	30th June, 202	3
	Stage 1	Stage 2	Stage 3	Total
At 1st January	564	487	267	1,318
Transfers of financial assets				
– transfers from Stage 1 to Stage 2	(91)	91	-	-
– transfers from Stage 2 to Stage 1	313	(313)	-	-
– transfers to Stage 3	-	(6)	6	-
– transfers from Stage 3	1	1	(2)	-
Changes in PDs/LGDs/EADs/forward-looking				
assumptions	(274)	103	-	(171)
New financial assets originated, repayments				
and further lending	67	(11)	(21)	35
Amounts written off	-	_	(45)	(45)
Recoveries of advances written off in				
prior years	-	_	23	23
Unwind of discount of expected credit losses	-	_	(5)	(5)
Exchange adjustments	(13)	(1)	-	(14)
At 30th June	567	351	223	1,141
Representing expected credit loss for: Balances and placement with central banks	_	_	_	_
Balances and placement with banks	1	_	_	1
Advances to customers (note 8)	325	310	223	858
Trade bills (note 8)	2	_		2
Advances to banks (note 8)	-	_	_	_
Contingent liabilities and commitments to				
extend credit (note 15)	228	34	_	262
		54	_	202
LIADT SACURITIAS MARSURAD AT AMORTISAD COST	—	_	—	-
Debt securities measured at amortised cost				
Financial assets measured at fair value	11	7	_	10
	11	7	_	18

## 9. **EXPECTED CREDIT LOSS** (Continued)

#### (a) Reconciliation of expected credit loss (Continued)

	Yea	r ended 31st D	ecember, 2022	
	Stage 1	Stage 2	Stage 3	Total
At 1st January	322	147	226	695
Transfers of financial assets				
– transfers from Stage 1 to Stage 2	(83)	83	_	-
– transfers from Stage 2 to Stage 1	97	(97)	_	-
– transfers to Stage 3	(1)	(58)	59	-
– transfers from Stage 3	13	2	(15)	-
Changes in PDs/LGDs/EADs/forward-looking				
assumptions	54	392	112	558
New financial assets originated, repayments				
and further lending	179	28	19	226
Amounts written off	_	_	(166)	(166)
Recoveries of advances written off in				
prior years	_	_	47	47
Unwind of discount of expected credit losses	_	_	(11)	(11)
Exchange adjustments	(17)	(10)	(4)	(31)
At 31st December	564	487	267	1,318
Representing expected credit loss for:				
Balances and placement with central banks	-	_	-	-
Balances and placement with banks	1	-	-	1
Advances to customers (note 8)	343	380	267	990
Trade bills (note 8)	1	_	_	1
Advances to banks (note 8)	_	_	—	-
Contingent liabilities and commitments to				
extend credit (note 15)	207	98	-	305
Debt securities measured at amortised cost	-	-	-	-
Financial assets measured at fair value				
Financial assets measured at fair value				
through other comprehensive income	12	9		21

## 9. **EXPECTED CREDIT LOSS** (Continued)

#### (b) Expected credit loss on financial assets

The following tables set out information on the credit quality of financial assets, and loan commitments and financial guarantee contracts.

		30th June	e, 2023	
	Stage 1	Stage 2	Stage 3	Total
Cash and balances with banks and				
central banks				
Pass	7,704	_	_	7,704
Less: Expected credit loss	-	-	-	
Carrying amount	7,704	_	_	7,704
Placements with banks, central banks and				
other financial institutions				
Pass	3,157	_	_	3,157
Less: Expected credit loss	(1)	-	-	(1)
	7 156			7 15 6
Carrying amount	3,156	-	-	3,156
Advances to customers				
Pass	165,570	27,164	_	192,734
Special mention	-	1,742	-	1,742
Substandard	_	_	2,199	2,199
Doubtful	_	_	510	510
Loss	_	-	26	26
Less: Expected credit loss	(325)	(310)	(223)	(858)
Carrying amount	165,245	28,596	2,512	196,353
Trade bills				
Pass	1,195	-	-	1,195
Less: Expected credit loss	(2)	_	_	(2)
Carrying amount	1,193	_	-	1,193

## 9. **EXPECTED CREDIT LOSS** (Continued)

#### (b) Expected credit loss on financial assets (Continued)

	30th June, 2023			
	Stage 1	Stage 2	Stage 3	Total
Advances to banks				
Pass	1,543	-	_	1,543
Less: Expected credit loss	-	_	-	
Carrying amount	1,543	_	_	1,543
Dalat approximation management of amounting of a set				
Debt securities measured at amortised cost Pass	4,970	543	_	5,513
Less: Expected credit loss	4,970	545	_	5,515
Carrying amount	4,970	543	_	5,513
Financial assets measured at fair value				
through other comprehensive income				
Pass	74,008	5,980	-	79,988
Special mention	-	9	-	9
op o oldr montalon	(11)	(7)		(18)

Contingent liabilities and commitments to

extend credit				
Pass	63,292	4,777	-	68,069
Expected credit loss	(228)	(34)	-	(262)



### 9. **EXPECTED CREDIT LOSS** (Continued)

#### (b) Expected credit loss on financial assets (Continued)

	31st December, 2022				
	Stage 1	Stage 2	Stage 3	Total	
Cash and balances with banks and					
central banks					
Pass	10,645	_	_	10,645	
Less: Expected credit loss	-	-	-		
Carrying amount	10,645	_	_	10,645	
Placements with banks, central banks and other financial institutions					
Pass	3,903	1	_	3,904	
Less: Expected credit loss	(1)	_	_	(1)	
Carrying amount	3,902	1	_	3,903	
Advances to customers Pass	161,182	34,880		196,062	
Special mention	101,102	1,357	_	1,357	
Substandard	_	-	2,265	2,265	
Doubtful	_	_	551	551	
Loss	_	_	27	27	
Less: Expected credit loss	(343)	(380)	(267)	(990)	
Carrying amount	160,839	35,857	2,576	199,272	
Trade bills					
Pass	2,735	12	_	2,747	
Less: Expected credit loss	(1)	_	_	(1)	
Carrying amount	2,734	12	_	2,746	

## 9. **EXPECTED CREDIT LOSS** (Continued)

#### (b) Expected credit loss on financial assets (Continued)

Stage 1	31st Decemb Stage 2		Total
1,454	_	-	1,454
_	_	_	_
1,454	_	_	1,454
_	_	_	_
_	_	_	_
_	_	_	_
77.500	1.685	_	79,185
_		_	13
(12)	(9)	_	(21)
	- - 77,500 -	 1,454 -    77,500 1,685 - 13	-     -       1,454     -       -     -       -     -       -     -       -     -       -     -       -     -       -     -       -     -       -     -       -     -       -     -       -     -       -     -       77,500     1,685       -     13

extena creait				
Pass	57,855	10,040	-	67,895
Special mention	-	-	-	-
Substandard	-	-	1	1
Expected credit losses	(207)	(98)	-	(305)

## **10. ASSETS HELD FOR SALE**

Assets held for sale		
– Bank premises	10	_

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## Notes to Unaudited Interim Financial Report

## **11. TANGIBLE FIXED ASSETS**

				Six months	ended 30th Ju	ne, 2023			
			Right of use assets –			Right of		Bank	
	Investment	Bank	Bank	Total Bank		use assets –	Total	premises and	
	properties	premises	premises	premises	Equipment	equipment	equipment	equipment	Total
		·		·					
Cost or valuation						-			
At 1st January	293	5,039	334	5,373	1,695	5	1,700	7,073	7,366
Additions	-	-	27	27	68 (05)	-	68 (05)	95 (ac)	95 (ac
Disposals	-	-	-	-	(26)	-	(26)	(26)	(26
Reclassification of bank premises to		(7.4)		(7.4)				(7.4)	17.0
assets held for sale	-	(34)	-	(34)	-	-	-	(34)	(34
Surplus/(deficit) on revaluation									
- credited to bank premises									
revaluation reserve	-	63	-	63	-	-	-	63	63
- charged to consolidated									
statement of profit or loss	30	-	-	-	-	-	-	-	30
Elimination of accumulated									
depreciation on revalued bank									
premises	-	(51)	-	(51)	-	-	-	(51)	(51
Termination of leases	-	-	(19)	(19)	-	-	-	(19)	(19
Exchange adjustment	-	(7)	(3)	(10)	1	-	1	(9)	(9
At 30th June	323	5,010	339	5,349	1,738	5	1,743	7,092	7,415
The analysis of cost or valuation of the above assets is as follows:									
At cost	-	1,223	339	1,562	1,738	5	1,743	3,305	3,305
At valuation 2023	323	3,787	-	3,787	-	-	-	3,787	4,110
								0,101	.,
	323	5,010	339	5,349	1,738	5	1,743	7,092	7,415
Accumulated depreciation At 1st January	_	366	249	615	1,364	1	1,365	1,980	1,980
Charge for the period	_	69	249	100	61	1	62	1,980	1,900
Written back on disposals	_	-	-	-	(24)	-	(24)		(24
Reclassification of bank premises to	-	-	-	-	(24)	-	(24)	(24)	(24
assets held for sale	_	(24)	-	(24)	-	_	-	(24)	(24
Elimination of accumulated	-	(24)	-	(24)	-	-	-	(24)	(24
depreciation on revalued									
bank premises	_	(51)	-	(51)	_	_	_	(51)	(51
Termination of leases	-	(51)	(11)	(11)	-	-	-	(11)	(11
Exchange adjustment	-	(6)	(1)	(1)	-	-	-	(1)	(8)
4. 70. L									
At 30th June	-	354	267	621	1,401	2	1,403	2,024	2,024
Net book value									

## **11. TANGIBLE FIXED ASSETS** (Continued)

				Year ende	ed 31st Decembe	er, 2022			
	Investment properties	Bank premises	Right of use assets – Bank premises	Total Bank premises	Equipment	Right of use assets – equipment	Total equipment	Bank premises and equipment	Total
Cost or valuation									
At 1st January	310	5,240	317	5,557	1,601	5	1,606	7,163	7,473
Additions	-	-	63	63	136	1	137	200	200
Disposals	-	-	-	-	(44)	-	(44)	(44)	(44)
Reclassification of bank premises to									
assets held for sale	-	(43)	-	(43)	-	-	-	(43)	(43)
Surplus/(deficit) on revaluation									
- credited to bank premises									
revaluation reserve	-	(26)	-	(26)	-	-	-	(26)	(26)
<ul> <li>charged to consolidated</li> </ul>									
statement of profit or loss	(17)	-	-	-	-	-	-	-	(17
Elimination of accumulated									
depreciation on revalued bank									
premises	-	(105)	-	(105)	-	-	-	(105)	(105)
Termination of leases	-	-	(39)	(39)	-	(1)	(1)	(40)	(40)
Exchange adjustment	-	(27)	(7)	(34)	2	-	2	(32)	(32)
At 31st December	293	5,039	334	5,373	1,695	5	1,700	7,073	7,366
he analysis of cost or valuation of the above assets is as follows:									
At cost	-	1,263	334	1,597	1,695	5	1,700	3,297	3,297
	- 293	1,263 3,776	334	1,597 3,776	1,695 –	5 –	1,700	3,297 3,776	3,297 4,069
At cost									4,069
At cost At valuation 2022	293	3,776	-	3,776	-	-	-	3,776	
At cost At valuation 2022	293	3,776 5,039	- 334	3,776 5,373	1,695	-	1,700	3,776	4,069 7,366
At cost At valuation 2022	293	3,776 5,039 387	- 334	3,776 5,373 607	1,695	- 5	- 1,700	3,776 7,073 1,898	4,069 7,366 1,898
At cost At valuation 2022 Accumulated depreciation At 1st January Charge for the year	293	3,776 5,039 387 131	- 334 220 71	3,776 5,373 607 202	1,695 1,290 116	5	- 1,700 1,291 117	3,776 7,073 1,898 319	4,069 7,366 1,898 319
At cost At valuation 2022 Accumulated depreciation At 1st January Charge for the year Written back on disposals	293	3,776 5,039 387	- 334	3,776 5,373 607	1,695	- 5	- 1,700	3,776 7,073 1,898 319	4,069 7,366 1,898 319
At cost At valuation 2022 Accumulated depreciation At 1st January Charge for the year Written back on disposals Reclassification of bank premises to	293	3,776 5,039 387 131 -	- 334 220 71 -	3,776 5,373 607 202 –	1,695 1,290 116	5	- 1,700 1,291 117	3,776 7,073 1,898 319 (42)	4,069 7,366 1,898 319 (42
At cost At valuation 2022	293	3,776 5,039 387 131	- 334 220 71	3,776 5,373 607 202	1,695 1,290 116	5	- 1,700 1,291 117	3,776 7,073 1,898 319	4,069 7,366 1,898 319 (42
At cost At valuation 2022	293	3,776 5,039 387 131 -	- 334 220 71 -	3,776 5,373 607 202 –	1,695 1,290 116	5	- 1,700 1,291 117	3,776 7,073 1,898 319 (42)	4,069 7,366 1,898 319 (42
At cost At valuation 2022 Accumulated depreciation At 1st January Charge for the year Written back on disposals Reclassification of bank premises to assets held for sale Elimination of accumulated depreciation on revalued	293	3,776 5,039 387 131 - (22)	- 334 220 71 - -	3,776 5,373 607 202 - (22)	1,695 1,290 116	- 5 1 1 -	- 1,700 1,291 117 (42) -	3,776 7,073 1,898 319 (42) (22)	4,069 7,366 1,898 319 (42) (22,
At cost At valuation 2022 Accumulated depreciation At 1st January Charge for the year Written back on disposals Reclassification of bank premises to assets held for sale Elimination of accumulated depreciation on revalued bank premises	293	3,776 5,039 387 131 - (22) (105)		3,776 5,373 607 202 - (22) (105)	1,695 1,290 116	- 5	- 1,700 1,291 117 (42) -	3,776 7,073 1,898 319 (42) (22) (105)	4,069 7,366 1,898 319 (42) (22) (105)
At cost At valuation 2022	293	3,776 5,039 387 131 - (22)	- 334 220 71 - -	3,776 5,373 607 202 - (22)	1,695 1,290 116	- 5 1 1 -	- 1,700 1,291 117 (42) -	3,776 7,073 1,898 319 (42) (22) (105)	4,069 7,366 1,898 319 (42 (22 (105 (39
At cost At valuation 2022 Accumulated depreciation At 1st January Charge for the year Written back on disposals Reclassification of bank premises to assets held for sale Elimination of accumulated depreciation on revalued bank premises Termination of leases	293 293 - - - - - - -	3,776 5,039 387 131 - (22) (105) -		3,776 5,373 607 202 - (22) (105) (38)	1,695 1,290 116 (42) - -	- 5 1 1 - - - (1)	- 1,700 1,291 117 (42) - (1)	3,776 7,073 1,898 319 (42) (22) (105) (39)	4,069 7,366 1,898 319 (42) (22) (105) (39) (29)
At cost At valuation 2022 Accumulated depreciation At 1st January Charge for the year Written back on disposals Reclassification of bank premises to assets held for sale Elimination of accumulated depreciation on revalued bank premises Termination of leases Exchange adjustment	293 293 - - - - - - -	3,776 5,039 387 131 - (22) (105) - (25)		3,776 5,373 607 202 - (22) (105) (38) (29)	1,695 1,290 116 (42) - - -	- 5 1 1 - - (1) -	- 1,700 1,291 117 (42) - (1) -	3,776 7,073 1,898 319 (42) (22) (105) (39) (29)	4,069



## 12. DEPOSITS FROM CUSTOMERS

	30th June, 2023	31st December, 2022
Demand deposits and current accounts	80,308	94,359
Savings deposits	22,053	24,276
Time, call and notice deposits	144,575	128,575
	246,936	247,210

The above deposits from customers included deposits from central banks.

### 13. CERTIFICATES OF DEPOSIT AND FIXED RATE NOTE ISSUED

	6,128	
Certificates of deposit issued at amortised cost Fixed rate note issued at amortised cost	2,873 3,255	8,243 3,368
	30th June, 2023	31st December, 2022

### **14. LEASE LIABILITIES**

The following table shows the remaining contractual maturities of the Group's lease liabilities:

		ıne, 2023		mber, 2022
	Present value of the minimum	Total minimum	Present value of the minimum	
	lease payments	lease payments	lease payments	lease payments
Within 1 year	46	47	46	47
After 1 year but within 2 years	25	26	30	30
After 2 years but within 5 years After 5 years	6	6	14	15
	31	32	44	45
	77	79	90	92
Less: total future interest expenses		(2)		(2)
Present value of lease liabilities		77		90

## **15. OTHER ACCOUNTS AND PROVISIONS**

	30th June, 2023	31st December, 2022
Acceptances outstanding	449	856
Interest payable	1,553	926
Negative fair value of derivative financial instruments		
held for hedging (note 17)	107	292
Other payables	2,087	2,136
Expected credit loss (Stages 1 and 2) on contingent liabilities		
and commitments to extend credit (note 9)	262	305
	4,458	4,515

### 16. RESERVES

The Group's unappropriated profits as at 30th June, 2023 included a regulatory reserve of HK\$686 million (31st December, 2022: HK\$619 million). The regulatory reserve is maintained to satisfy the provisions of the Hong Kong Banking Ordinance for prudential supervision purposes by earmarking amounts in respect of losses which the Group will or may incur on advances to customers in addition to expected credit loss recognised. Movements in the reserve are earmarked directly through unappropriated profits and in consultation with the HKMA.

### **17. DERIVATIVE FINANCIAL INSTRUMENTS**

Derivatives refer to financial contracts whose value depends on the value of one or more underlying assets or indices.

Derivative financial instruments arise from forward, swap and option transactions undertaken by the Group in the foreign exchange, interest rate and equity markets.

Derivative financial instruments are also used to manage the Group's own exposures to market risk as part of its asset and liability management process. The principal derivatives instruments used by the Group are interest and foreign exchange rate related contracts, which are primarily over-the-counter ("OTC") derivatives. The Group also participates in exchange traded derivatives. Most of the Group's derivatives positions have been entered into to meet customer demand and to hedge these and other trading positions. For accounting purposes, derivatives are classified as held for trading or held for hedging.

The notional amounts of these instruments indicate the volume of transactions outstanding at the reporting date and do not represent amounts at risk.

### 17. DERIVATIVE FINANCIAL INSTRUMENTS (Continued)

The following table is a summary of the notional amounts of each significant type of derivatives.

		30th June, 2023		
	Qualifying for	Others, including		
	hedge accounting	held for trading	Total	
Exchange rate contracts	4,649	580,871	585,520	
Interest rate contracts	42,318	926,401	968,719	
Equity contracts	-	7,678	7,678	
Credit derivative contracts		3,443	3,443	
	46,967	1,518,393	1,565,360	
		31st December, 2022		
	Qualifying for	Others, including		
	hedge accounting	held for trading	Total	
Exchange rate contracts	4,273	474,553	478,826	
Interest rate contracts	31,524	740,064		
	51,524	740,004	771,588	
Equity contracts	- 51,524	8,363	771,588 8,363	

The trading transactions include the Group's positions arising from the execution of trade orders from customers or transactions undertaken to hedge these positions. Derivatives arise from futures, forward, swap and option transactions undertaken by the Group in the foreign exchange, interest rate, debt and equity markets. The notional amounts of these instruments indicate the volume of transactions outstanding at the end of the reporting period; they do not represent amounts at risk.

The fair values of derivative financial instruments held for trading purposes are as follows:

	14,435	14,667	8,764	8,685	
Credit derivative contracts	6	2	5		
Equity contracts	439	439	656	656	
Interest rate contracts	2,588	2,463	1,548	1,493	
Exchange rate contracts	11,402	11,763	6,555	6,536	
	Assets	Liabilities	Assets	Liabilities	
	30th Ju	ıne, 2023	31st December, 2022		

## 17. DERIVATIVE FINANCIAL INSTRUMENTS (Continued)

The fair values of derivative financial instruments held for hedging purposes are as follows:

	30th Ju	ıne, 2023	31st Dece	mber, 2022
	Assets	Liabilities	Assets	Liabilities
Exchange rate contracts	131	67	96	143
Interest rate contracts	479	40	509	149
	610	107	605	292

#### Fair value hedges

The fair value hedges principally consist of interest rate swaps. The interest rate swaps are used to protect against changes in the fair value of certain fixed rate assets and floating rate assets due to movements in market interest rates. At 30th June, 2023, the net positive fair value of derivatives held as fair value hedges was HK\$503 million (31st December, 2022: net positive fair value of HK\$313 million).

The gains on the hedging instruments for the period were HK\$44 million (31st December, 2022: gains of HK\$644 million). The losses on the hedged item attributable to the hedged risk for the period were HK\$33 million (31st December, 2022: losses of HK\$645 million).

## 18. NOTES TO THE CONSOLIDATED CASH FLOW STATEMENT

#### (a) Reconciliation of operating profit to net cash outflow from operating activities

	Six months ended 30th June, 2023	Six months ended 30th June, 2022
Operating profit	2,332	1,273
Adjustments for non-cash items:	·	
Change in expected credit loss and other credit		
impairment charges	(136)	352
Interest expense on fixed rate note issued	55	38
Interest expense on lease liabilities	1	1
Net losses/(gains) from disposal of financial assets		
measured at fair value through other		
comprehensive income (note 4(e))	13	(29)
(Gains)/losses on revaluation of investment		
properties (note 4(e))	(30)	10
Losses/(gains) on disposal of tangible fixed assets		
(note 4(e))	3	(57)
Depreciation (note 4(f))	162	159
	2,400	1,747
Changes in working capital: Change in placements with banks, central banks and other financial institutions with an original maturity of three months or above Change in treasury bills with an original maturity of	(517)	_
three months or above Change in amounts due from ultimate holding company and fellow subsidiaries maturing	3,460	(192)
after three months	(3,480)	(9,435)
Change in certificates of deposit held	(382)	(6,135)
Change in trading assets Change in advances to customers and	(6,214)	(1,377)
other accounts	4,864	(2,411)
Change in deposits and balances of banks	2,745	8,411
Change in amounts due to ultimate holding		
company and fellow subsidiaries	(6,313)	(1,371)
Change in deposits from customers	(275)	(343)
Change in certificates of deposit issued	(5,370)	1,833
Change in trading liabilities	5,982	1,088
Change in other accounts and provision	(11)	(206)
Net cash outflow from operations	(3,111)	(8,391)
Profits tax paid	(242)	(58)
Net cash outflow from operating activities	(3,353)	(8,449)

### **18. NOTES TO THE CONSOLIDATED CASH FLOW STATEMENT** (Continued)

#### (b) Reconciliation of cash and cash equivalents with the consolidated statement of financial position

	30th June, 2023	31st December, 2022
Cash and balances with banks and central banks	7,704	10,645
Placements with banks, central banks and other financial institutions	3,156	3,904
Amounts due from ultimate holding company		
and fellow subsidiaries	10,594	18,324
Treasury bills	21,258	24,428
Amounts shown in the consolidated statement of financial position Less: Amounts with an original maturity of three months or above	42,712 (24,974)	57,301 (24,439)
Deposits and balances of bank that are	(27,377)	(24,433)
repayable on demand	(1,877)	(2,087)
Cash and cash equivalents in the consolidated		

#### **19. SEGMENT REPORTING**

The Group manages its businesses by divisions, which are organised by a mixture of both business lines and geography. The segment disclosure is based on the way that the Group's chief operating decision maker regards and manages the Group, with the amounts reported for each reportable segment being the measures reported to the Group's chief operating decision maker for the purposes of assessing segment performance and making decisions about operating matters.

#### Hong Kong segment

This is mainly composed of retail banking activities, corporate banking activities and treasury activities.

Retail banking activities include acceptance of deposits, residential mortgages, hire purchase, consumer loans, wealth management, stock brokerage and insurance services.

Corporate banking activities include acceptance of deposits, advance of commercial and industrial loans, trade financing and institutional banking.

Treasury activities include foreign exchange services, management of investment securities, trading activities and management of shareholders' funds.

#### **19. SEGMENT REPORTING** (Continued)

#### Mainland China segment

This comprises the business of OCBC Wing Hang Bank (China) Limited, for which the main business is corporate banking and treasury activities.

#### Macau segment

This comprises the business of OCBC Bank (Macau) Limited (formerly known as "Banco OCBC Weng Hang, S.A."), for which the main business is retail banking activities.

For the purposes of assessing segment performance and allocating resources between segments, the Group's chief operating decision maker monitors the results, assets and liabilities attributable to each reportable segment on the following bases:

Segment assets include tangible assets (such as equipment of the Group and overseas bank premises), balance and placement with banks, central banks and other financial institutions and advances to customers and banks which have been reported under Mainland China and Macau segments and financial assets excluding goodwill, interest in associated companies, taxation and other assets. Segment liabilities include deposits and financial liabilities.

Revenue and expenses are allocated to the reportable segments with reference to interest and fees and commission income generated by those segments and the expenses incurred by those segments or which otherwise arise from the depreciation of assets attributable to those segments.

The identification of reportable segments also considered geographical information which has been classified by the geographical location of the principal operations of the subsidiaries, or in the case of the Bank itself, of the geographical location of the branch responsible for reporting the results or booking the assets and liabilities.

Specified non-current assets of the Group include tangible fixed assets, goodwill and investments in associated companies.

"Others" in the reconciliation to the reported amount on the consolidated statement of profit or loss and consolidated statement of financial position mainly represent the management of equity shares.

## **19. SEGMENT REPORTING** (Continued)

#### (a) Segment results, assets and liabilities

Information regarding the Group's reportable segments as provided to the Group's most senior executive management for the purposes of resource allocation and assessment of segment performance for the period is set out below.

	Hong Kong						
_	Retail	Corporate			Mainland		
	banking	banking	Treasury	Total	China	Macau	Total
Six months ended 30th June, 2023							
Net interest income	1,227	559	449	2,235	675	287	3,197
Non-interest income/(expense)	250	71	(21)	300	438	64	802
Reportable segment revenue	1,477	630	428	2,535	1,113	351	3,999
Operating expenses	(830)	(258)	(112)	(1,200)	(589)	(175)	(1,964
Operating profit before expected							
credit loss	647	372	316	1,335	524	176	2,035
Change in expected credit loss and							
other credit impairment charges	44	(31)	2	15	92	25	132
Reportable segment profit before tax	691	341	318	1,350	616	201	2,167
Depreciation	24	_	-	24	66	11	101
At 30th June, 2023							
Reportable segment assets	65,949	74,863	75,159	215,971	82,806	29,688	328,465
Addition to non-current segment assets	3	1	1	5	24	1	30
Reportable segment liabilities	132,697	51,862	4,443	189,002	72,340	24,633	285,975

### **19. SEGMENT REPORTING** (Continued)

#### (a) Segment results, assets and liabilities (Continued)

	Hong Kong						
_	Retail	Corporate			Mainland		
	banking	banking	Treasury	Total	China	Macau	Total
Six months ended 30th June, 2022							
Net interest income	769	396	345	1,510	588	258	2,356
Non-interest income	259	68	76	403	439	73	915
Reportable segment revenue	1,028	464	421	1,913	1,027	331	3,271
Operating expenses	(789)	(243)	(109)	(1,141)	(546)	(165)	(1,852)
Operating profit before expected							
credit loss	239	221	312	772	481	166	1,419
Change in expected credit loss and other credit impairment charges	(10)	(71)	(2)	(83)	(161)	(7)	(251)
Reportable segment profit before tax	229	150	310	689	320	159	1,168
Depreciation	31	_	1	32	58	11	101
At 31st December, 2022							
Reportable segment assets	68,078	73,346	75,180	216,604	83,927	31,486	332,017
Addition to non-current segment assets	33	1	_	34	58	10	102
Reportable segment liabilities	124,958	49,531	12,209	186,698	73,540	26,284	286,522

### **19. SEGMENT REPORTING** (Continued)

#### (a) Segment results, assets and liabilities (Continued)

Reconciliations of reportable segment revenue, profit before taxation, assets and liabilities:

	Six months ended 30th June, 2023	Six months ended 30th June, 2022
Revenue		
Reportable segment revenue Other revenue	3,999 224	3,271 227
Elimination of inter-segment revenue	(28)	(30)
Consolidated operating income	4,195	3,468
	Six months ended 30th June, 2023	Six months ended 30th June, 2022
Profit before taxation		
Reportable segment profit before taxation Share of net gains of associated companies Other net gains	2,167 39 165	1,168 67 105
Consolidated profit before taxation	2,371	1,340
	30th June, 2023	31st December, 2022
Assets		
Reportable segment assets	328,465	332,017
Investments in associated companies Tangible fixed assets	732 4,443	569 4,405
Goodwill	1,306	1,306
Current tax recoverable	40	4
Deferred tax assets	6	7
Other assets	11,866	11,856
Elimination of inter-segment assets	(10,385)	(10,681)
Consolidated total assets	336,473	339,483



### **19. SEGMENT REPORTING** (Continued)

#### (a) Segment results, assets and liabilities (Continued)

	30th June, 2023	31st December, 2022
Liabilities		
Reportable segment liabilities	285,975	286,522
Current tax payable	327	175
Deferred tax liabilities	327	250
Other liabilities	6,430	11,814
Elimination of inter-segment liabilities	(3,048)	(5,344)
Consolidated total liabilities	290,011	293,417

#### (b) Other geographical information

		301	th June, 2023		
	Hong Kong	Mainland China	Macau	Less: inter- segment elimination	Total
Specified non-current assets Contingent liabilities and	6,469	385	564	11	7,429
commitments	23,706	42,609	2,448	(684)	68,079
		31st D	ecember, 20	)22	
	Hong Kong	Mainland China	Macau	Less: inter- segment elimination	Total
Specified non-current assets Contingent liabilities and	6,269	407	574	11	7,261
commitments	25,871	40,180	2,528	(683)	67,896

### 20. LIQUIDITY RISK MANAGEMENT

Liquidity risk is the risk arising from the inability to meet financial and cash outflow obligations as they fall due without incurring unacceptable costs or losses through fund raising and asset liquidation. The Group's primary objective of liquidity risk management is to ensure that we have sufficient funds to meet contractual and regulatory financial obligations and to undertake new transactions.

Liquidity monitoring is performed daily within a framework for projecting cash flows on both contractual and behavioural bases. Indicators such as liquidity and deposit concentration ratios are used to establish the optimal funding mix and asset composition. Funding strategies are established to provide effective diversification and stability in funding sources across tenors and products. The liquidity indicators are subject to ALCO's review on a regular basis against the targets.

Simulations of liquidity exposures under stressed market scenarios are performed and the results are used to adjust liquidity risk management strategies, policies and positions, as well as to develop contingency funding plan. We maintain liquid assets in excess of regulatory requirements to strengthen our ability to meet liquidity needs during a crisis. These liquid assets comprise central bank reserves and marketable securities. The Group performs liquidity stress tests under institution specific, market wide and combined liquidity stress scenarios. The stressed results are provided to ALCO monthly for review. Stress tests are performed at the group consolidated and each bank subsidiary level. Stress assumptions are reviewed by the ALCO regularly to ensure the effectiveness.

The Group has formulated a contingency plan setting out strategies for dealing with a liquidity crisis and the procedures for making up cash-flow deficits in emergency situations. The plan is updated and reviewed at least annually by ALCO to ensure that it remains robust over time. Any revision will be concurred by the Board-level Risk Management Committee. Apart from the liquidity limits and ratios agreed with the HKMA, the Group will promptly inform the HKMA of any indicators of serious liquidity problems, which may trigger the contingency funding plan.

The Group maintained an average liquidity maintenance ratio and core funding ratio of 46.2% and 151.5% respectively for the six months ended 30th June, 2023 (30th June, 2022: 36.4% of LMR; 137.0% of CFR), which are well above the statutory requirement of 25% and 75% respectively. The liquidity maintenance ratio and core funding ratio are compiled in accordance with the Banking (Liquidity) Rules.

Roles and responsibilities in the Group's liquidity risk management structure are mainly distributed across different committees and hierarchical levels: Board of Directors, Risk Management Committee, ALCO, Funding Strategy Committee, Investment Strategy Committee, Global Treasury Division, Finance Division, Risk Management Division, Corporate Banking Division and Retail Banking Division.

### 20. LIQUIDITY RISK MANAGEMENT (Continued)

Liquidity is managed on a day-to-day basis by the Treasurer under the direction of ALCO. ALCO is responsible for overseeing liquidity risk management, in particular implementation of appropriate liquidity policies and procedures, identifying, measuring and monitoring liquidity risk, and control over the liquidity risk management process. The Board of Directors approves the liquidity risk strategy and framework policies, and is responsible for maintaining continued awareness of the overall liquidity risk profile, and ensuring liquidity risk is adequately managed and controlled by senior management within the established risk management framework.

Customer deposits form an important part of funding source of the Group. The Retail Banking Division and Wholesale Banking Division are responsible for maintaining customer deposits as well as advising their funding needs to the Treasury Division. The heads of business units provide the latest information to the Funding Strategy Committee on material customer deposits balance movements and strategy to tap deposits.

Global Treasury Division acts in accordance with the Liquidity Asset Portfolio Framework and Debt Securities Investment Framework to address the issue of liquidity cushions. The objective of the Liquidity Asset Portfolio Framework is to ensure that the Group can meet its obligations when they fall due in normal circumstances, and maintains an adequate stock of high quality liquid assets in the portfolio that could provide a safety cushion in the event of a funding crisis.

The Group adopts a centralised approach in liquidity and funding management for domestic and overseas subsidiaries. The overseas subsidiaries take responsibility for managing their funding arrangements in relation to the use and application of funds.

## 21. FAIR VALUES OF FINANCIAL INSTRUMENTS

#### (a) Financial instruments measured at fair value

Financial instruments measured at fair value on an ongoing basis include trading assets and liabilities, financial instruments designated at fair value through profit or loss, and financial instruments classified as measured at fair value through other comprehensive income.

Fair value estimates are generally subjective in nature, and are made as of a specific point in time based on the characteristics of the financial instruments and relevant market information. The Group measures fair values at the end of the reporting period on a recurring basis using the following fair value hierarchy as defined in HKFRS 13, *Fair value measurement* that reflects the observability and significance of the inputs used in making the measurements:

- Level 1: Quoted market price (unadjusted) in an active market for an identical instrument.
- Level 2: Inputs other than quoted prices included within Level 1 that are observable, either directly (i.e., as prices) or indirectly (i.e., derived from prices). This category includes instruments valued using: quoted market prices in active markets for similar instruments; quoted prices for identical or similar instruments in markets that are considered less than active; or other valuation techniques where all significant inputs are directly or indirectly observable from market data.
- Level 3: Inputs for the asset or liability that are not based on observable market data (unobservable inputs). This category includes all instruments where the valuation technique includes inputs not based on observable market data and for which unobservable inputs have a significant effect on the instrument's valuation. This category includes instruments that are valued based on quoted prices for similar instruments where significant unobservable adjustments or assumptions are required to reflect differences between the instruments.

### 21. FAIR VALUES OF FINANCIAL INSTRUMENTS (Continued)

#### (a) Financial instruments measured at fair value (Continued)

Fair values of financial instruments that are traded in active markets are based on quoted market prices or dealer price quotations. For all other financial instruments that are not traded in the active markets, the Group determines fair values using valuation techniques. Valuation techniques include net present value of expected future cash flows and discounted cash flow models based on "no-arbitrage" principles, standard option pricing models across the industry for vanilla derivative products. The objective of valuation techniques is to arrive at a fair value determination that reflects the price of the financial instrument at the reporting date that would have been determined by market participants acting at arm's length.

The majority of valuation techniques employ only observable market data. Hence, the reliability of the fair values measurement is high. However, certain financial instruments are valued on the basis of one or more significant market inputs that are not observable. The fair value derived is more judgemental. "Not observable" does not mean there is absolutely no market data available, but rather that there is little or no current market data available from which to determine the level at which an arm's length transaction would likely occur. Examples of observable inputs include foreign exchange spot and forward rates, benchmark interest rate curves and volatility surfaces for commonly traded option products. Examples of unobservable inputs include volatility surfaces for less commonly traded option products and correlations between market factors.

Availability of observable market prices and model inputs reduces the need for management judgement and estimation and also reduces the valuation uncertainty associated with determination of fair values. Availability varies depending on the products and markets and is prone to changes based on specific events and general conditions in the financial markets.

For more complex instruments, the Group uses the broker pricing service, which adopts proprietary valuation models as inputs to a fair value measurement. These models are usually developed from recognised valuation models across the industry with some or all of the inputs into these models being unobservable in the market.

Fair values are subject to a control framework that aims to ensure that they are either determined or validated by a function independent of the risk-taker. To this end, the ultimate responsibility for the determination of fair values lies with Treasury Financial Control and Advisory Team within Finance Division. Treasury Financial Control and Advisory Team within Finance Division establishes procedures governing valuation, and is responsible for ensuring that these comply with all relevant accounting standards.

## 21. FAIR VALUES OF FINANCIAL INSTRUMENTS (Continued)

#### (a) Financial instruments measured at fair value (Continued)

The table below analyses financial instruments measured at fair value at the reporting date according to the level in the fair value hierarchy into which they are categorised:

		30th June	, 2023	
Recurring fair value measurements	Level 1	Level 2	Level 3	Total
Assets				
Trading assets				
– Treasury bills	858	_	_	858
– Other debt securities	1,589	_	-	1,589
– Positive fair values of derivative financial				
instruments held for trading	8	14,089	338	14,435
	2,455	14,089	338	16,882
Advances to customers and other accounts				
<ul> <li>Positive fair values of derivative financial</li> </ul>				
instruments held for hedging	_	610	_	610
instruments held for hedging	_	010	_	010
Financial assets measured at fair value				
through other comprehensive income				
– Treasury bills	16,400	4,000	_	20,400
– Certificates of deposit held	4,051	17,485	_	21,536
<ul> <li>Other debt securities</li> </ul>	31,638	6,423	_	38,061
– Equity securities	_	_	2,244	2,244
			-	
	52,089	27,908	2,244	82,241
	54,544	42,607	2,582	99,733
Liabilities				
Trading liabilities				
<ul> <li>Negative fair values of derivative</li> <li>financial instruments hold for trading</li> </ul>	7	14 722	338	14 667
financial instruments held for trading Other accounts and provisions	/	14,322	338	14,667
- Negative fair values of derivative				
-	_	107	_	107
financial instruments held for hedging		107		107
	7	14,429	338	14,774

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## **Notes to Unaudited Interim Financial Report**

## 21. FAIR VALUES OF FINANCIAL INSTRUMENTS (Continued)

(a) Financial instruments measured at fair value (Continued)

	Level 2	Level 3	Total
11	_	-	11
1,046	_	-	1,046
3	8,761	_	8,764
1,060	8,761	_	9,821
,	· · · · ·		
1	604	_	605
20,149	4,268	_	24,417
4,009	17,145	_	21,154
29,190	4,437	_	33,627
_	_	2,616	2,616
53,348	25,850	2,616	81,814
54,409	35,215	2,616	92,240
2	8,681	2	8,685
_	292	_	292
C	9 077	2	8,977
	1,046 3 1,060 1 20,149 4,009 29,190 – 53,348	1,046       -         3       8,761         1,060       8,761         1       604         20,149       4,268         4,009       17,145         29,190       4,437         53,348       25,850         54,409       35,215         2       8,681         -       292	1,046       -         3       8,761       -         1,060       8,761       -         1       604       -         20,149       4,268       -         4,009       17,145       -         29,190       4,437       -         -       -       2,616         53,348       25,850       2,616         54,409       35,215       2,616         2       8,681       2         -       292       -

During the period ended 30th June, 2023, there were no material transfers between Level 1 and Level 2 (year ended 31st December, 2022: nil). The Group's policy is to recognise transfers between levels of fair value hierarchy as at the end of the reporting period in which they occur.

## 21. FAIR VALUES OF FINANCIAL INSTRUMENTS (Continued)

#### (a) Financial instruments measured at fair value (Continued)

#### (i) Valuation of financial instruments with significant unobservable inputs

The following table shows a reconciliation from the beginning balances to the ending balances for fair value measurements in Level 3 of the fair value hierarchy:

		nths ended 30th June	, 2023
	Financial assets		
	measured at fair value	Net fair values	
		of derivative	
	through other	financial	
	comprehensive	instrument	
	income – Equity securities	held for trading	Total
Assets/(liabilities)			
At 1st January	2,616	(2)	2,614
Purchases	-	-	-
Sales	-	-	-
Settlements	-	-	-
Transfers	-	-	-
Changes in fair value recognised in the			
consolidated income statement	-	2	2
Changes in fair value recognised in the			
consolidated statement of other			
comprehensive income	(372)	-	(372)
At 30th June	2,244	_	2,244
	2,277		2,244
Total gains or losses for the period included			
in investment revaluation reserve of the			
other comprehensive income for assets held			
at the reporting date	(372)	-	(372)
Total gains or losses for the period included in the			
consolidated statement of profit or loss			
for assets held at the reporting date			
– Net trading income	-	2	2
<ul> <li>Net gains from financial instruments</li> </ul>			
designated at fair value through			
profit or loss	-	-	-

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## Notes to Unaudited Interim Financial Report

### 21. FAIR VALUES OF FINANCIAL INSTRUMENTS (Continued)

- (a) Financial instruments measured at fair value (Continued)
  - (i) Valuation of financial instruments with significant unobservable inputs (Continued)

	Year e Financial assets measured at fair value through other comprehensive income – Equity securities	nded 31st December, 2022 Net fair values of derivative financial instrument held for trading	Total
Assets/(liabilities)			
At 1st January	2,505	1	2,506
Purchases	-	_	-
Sales	-	-	_
Settlements	-	-	-
Transfers	-	-	-
Changes in fair value recognised in the			
consolidated income statement	-	(3)	(3)
Changes in fair value recognised in the			
consolidated statement of other			
comprehensive income	111	_	111
At 31st December	2,616	(2)	2,614
Total gains or losses for the year included in investment revaluation reserve of the other comprehensive income for assets held at the reporting date Total gains or losses for the year included in the consolidated statement of profit or loss for assets held at the reporting date	111	-	111
<ul> <li>Net trading income</li> <li>Net gains from financial instruments designated at fair value through</li> </ul>	-	(3)	(3)
profit or loss	-	-	-

## 21. FAIR VALUES OF FINANCIAL INSTRUMENTS (Continued)

#### (a) Financial instruments measured at fair value (Continued)

(i) Valuation of financial instruments with significant unobservable inputs (Continued)

Information about significant unobservable inputs in Level 3 valuations

	Valuation technique	Significant unobservable inputs	Range
Unlisted equity securities measured at fair	Discounted cash flow model	Discount rates	8.58%-14.84% (2022: 5.37%-15.80%)
value through other		Terminal growth rate	3%
comprehensive income			(2022: 3%)
	Market-	P/E ratios	21.40x
	comparable		(2022: 31.97x)
	approach	Marketability	15.00%-20.00%
		discount	(2022: 15.00%-20.00%)
		Enterprise value/	4.60x-26.48x
		EBITDA ratios	(2022: 4.60x-24.09x)
		P/B ratios	1.73x
			(2022: 1.73x)

The fair value of unlisted financial assets measured at fair value through other comprehensive income is determined using the discounted cash flow model and market-comparable approach. For discounted cash flow model, the significant unobservable inputs used in the fair value measurement are forecasted cash flows, discount rates and terminal growth rate. The fair value measurement is positively correlated to the net cash inflows and terminal growth rate. For market-comparable approach, the significant unobservable inputs used in the fair value measurement are P/E ratios, marketability discount, enterprise value/EBITDA ratios and P/B ratios.

The fair value of derivative financial instruments held for trading is determined based on similar methodology as that of derivative financial instruments classified as level 2 in the fair value hierarchy with significant unobservable inputs being the forecasted optimum rate of a derivative contract adopted for the fair value measurement of the optionality component to exercise partial take-up right of the derivative contract.

### 21. FAIR VALUES OF FINANCIAL INSTRUMENTS (Continued)

(a) Financial instruments measured at fair value (Continued)

# (ii) Effect of changes in significant non-observable assumptions to reasonably possible alternative assumptions

The fair value of financial instruments are, in certain circumstances, measured using valuation models that incorporate assumptions that are not supported by prices from observable current market transactions in the same instrument and are not based on observable market data. The following table shows the sensitivity of fair values in Level 3 due to parallel movement of plus or minus 10 percent of change in fair value to reasonably possible alternative assumptions. This Level 3 sensitivity analysis assumes a one-way market move and does not consider offsets for hedges.

	30th June, 2023						
	Reflected in profit/(loss) Favourable Unfavourable		Reflected in other comprehensive income Favourable Unfavourable				
	changes	changes	changes	changes			
Trading assets – Positive fair values of derivative financial instruments held for trading purpose	34	(34)	_	-			
Financial assets measured at fair value through other comprehensive income – Equity securities	_	_	224	(224)			
Trading liabilities – Negative fair values of derivative financial instruments held for trading purpose	34	(34)	_	_			
	31st December, 2022						
Reflected in profit/(loss) Favourable Unfavourable			Reflected in other comprehensive income Favourable Unfavourable				
	changes	changes	changes	changes			
Financial assets measured at fair value through other comprehensive income							
<ul> <li>Equity securities</li> </ul>	-	_	262	(262)			

## 21. FAIR VALUES OF FINANCIAL INSTRUMENTS (Continued)

#### (b) Fair values of financial instruments carried at other than fair value

The carrying amounts of the Group's financial instruments carried at cost or amortised cost are not materially different from their fair values as at 30th June, 2023 and 31st December, 2022 except for the following financial instruments, for which their carrying amounts and fair value and the level of fair value hierarchy are disclosed below:

	30th June, 2023						
	Carrying value	Fair value	Level 1	Level 2	Level 3		
Financial liabilities							
Certificates of deposit issued at amortised cost	2,873	2,873	-	2,873	-		
Fixed rate note issued at amortised cost	3,255	3,253	-	3,253	-		
	C	31st December, 2022					
	Carrying value	Fair value	Level 1	Level 2	Level 3		
Financial liabilities							
Certificates of deposit issued at amortised cost Fixed rate note issued at	8,243	8,242	-	8,242	_		
amortised cost	3,368	3,364	_	3,364	_		

The following methods and significant assumptions have been applied in determining the fair values of financial instruments not presented above.

- (i) The fair value of demand deposits and savings accounts with no specific maturity is assumed to be the amount payable on demand at the reporting date.
- (ii) The fair value of variable rate financial instruments is assumed to approximate their carrying amounts and, in the case of loans and unquoted debt securities, does not, therefore, reflect changes in their credit quality, as the impact of credit risk is recognised separately by deducting the amount of the expected credit loss from their carrying amount.

### 21. FAIR VALUES OF FINANCIAL INSTRUMENTS (Continued)

#### (b) Fair values of financial instruments carried at other than fair value (Continued)

- (iii) The fair value of fixed rate loans and mortgages carried at amortised cost is estimated by comparing market interest rates when the loans were granted with current market rates offered on similar loans. Changes in the credit quality of loans within the portfolio are not taken into account in determining gross fair values, as the impact of credit risk is recognised separately by deducting the amount of the expected credit loss from both the carrying amount and fair value.
- (iv) The fair value of unquoted equity investments is estimated, if possible, using applicable price/earnings ratios for similar listed companies adjusted to reflect the specific circumstances of the issuers.

### 22. DISCLOSURE REQUIREMENTS UNDER THE BANKING (DISCLOSURE) RULES

The detailed disclosures required by the Banking (Disclosure) Rules will be disclosed by 30th September, 2023 under "Regulatory Disclosure" on the website of the Bank (www.ocbc.com.hk).



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