

UOB Group

Robust results supported by strong balance sheet

September 2023

Disclaimer: The material in this presentation contains general background information about United Overseas Bank Limited ("UOB") and its activities as at the date of the presentation. The information is given in summary form and is therefore not necessarily complete. Information in this presentation is not intended to be relied upon as advice or as a recommendation to investors or potential investors to purchase, hold or sell securities and other financial products and does not take into account the investment objectives, financial situation or needs of any particular investor. When deciding if an investment is suitable, you should consider the appropriateness of the information, any relevant offer document and seek independent financial advice. All securities and financial product transactions involve risks such as the risk of adverse or unanticipated market, financial or political developments and currency risk. UOB does not accept any liability including in relation to the use of the material or contents herein. All information contained herein shall not be copied or disseminated for whatever purpose.

Private and Confidential

Agenda

1. Overview of UOB Group
2. Strong UOB Fundamentals
3. Resilience of the Singapore Housing Market & UOB's Cover Pool

Appendices:

A. Macroeconomic Outlook
B. Growth Drivers
C. Latest Financials

1. Overview of UOB Group

UOB Overview

Founding

Founded in August 1935 by a group of Chinese businessmen and Datuk Wee Kheng Chiang, grandfather of the present UOB Group CEO, Mr. Wee Ee Cheong.

Expansion

UOB has grown over the decades organically and through a series of strategic acquisitions. It is today a leading bank in Asia with an established presence in the Southeast Asia region. The Group has a global network of around 500 branches and offices in 19 countries and territories.

Key Statistics for 1H23

- Gross loans : SGD319b (USD235b[1])
- Customer deposits : SGD377b (USD278b[1])
- Loan / Deposit ratio : 83.5%
- Net stable funding ratio : 121%
- All-currency liquidity coverage ratio : 160%[2]
- Common Equity Tier 1 ratio : 13.6%
- Leverage ratio : 7.0%
- Return on equity [3 4] : 14.5%
- Return on assets [4] : 1.22%
- Net interest margin : 2.13%
- Non-interest income / Total income : 31.4%
- Cost / Income [4] : 40.9%
- Non-performing loan ratio : 1.6%
- Credit Ratings

	Moody's	S&P	Fitch
Issuer rating (Senior unsecured)	Aa1	AA–	AA–
Outlook	Stable	Stable	Stable
Short-term rating	P-1	A-1+	F1+

Note: Financial statistics as at 30 June 2023

1. USD 1 = SGD 1.356689 as at 30 June 2023
2. Average for 2Q23
3. Calculated based on profit attributable to equity holders of the Bank, net of perpetual capital securities distributions
4. Excluding one-off expenses

A leading Singapore bank; Established franchise in core market segments

UOB

Group Retail

- Best Retail Bank in Singapore
- Strong player in credit cards and private residential home loan business

Group Wholesale Banking

- Best SME Bank in Singapore
- Seamless access to regional network for our corporate clients

Global Markets

- Strong player in Singapore dollar treasury instruments

UOB Group's recognition in the industry

THE ASIAN BANKER EXCELLENCE IN RETAIL FINANCIAL SERVICES INTERNATIONAL AWARDS 2022

Best Retail Bank[1], 2022

Best SME Bank[2], 2022

EUROMONEY AWARDS FOR EXCELLENCE SINGAPORE BEST BANK 2022

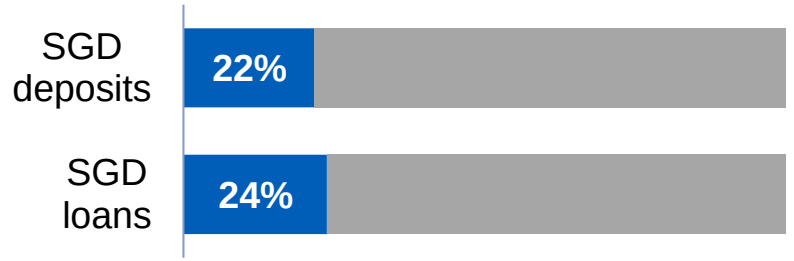
Best Bank[1], 2022

ASIAN BANKING & FINANCE RETAIL BANKING AWARDS 2022

Domestic Retail Bank of the Year[1], 2022

Source: Company reports
1. In Singapore 2. In Singapore and Asia Pacific

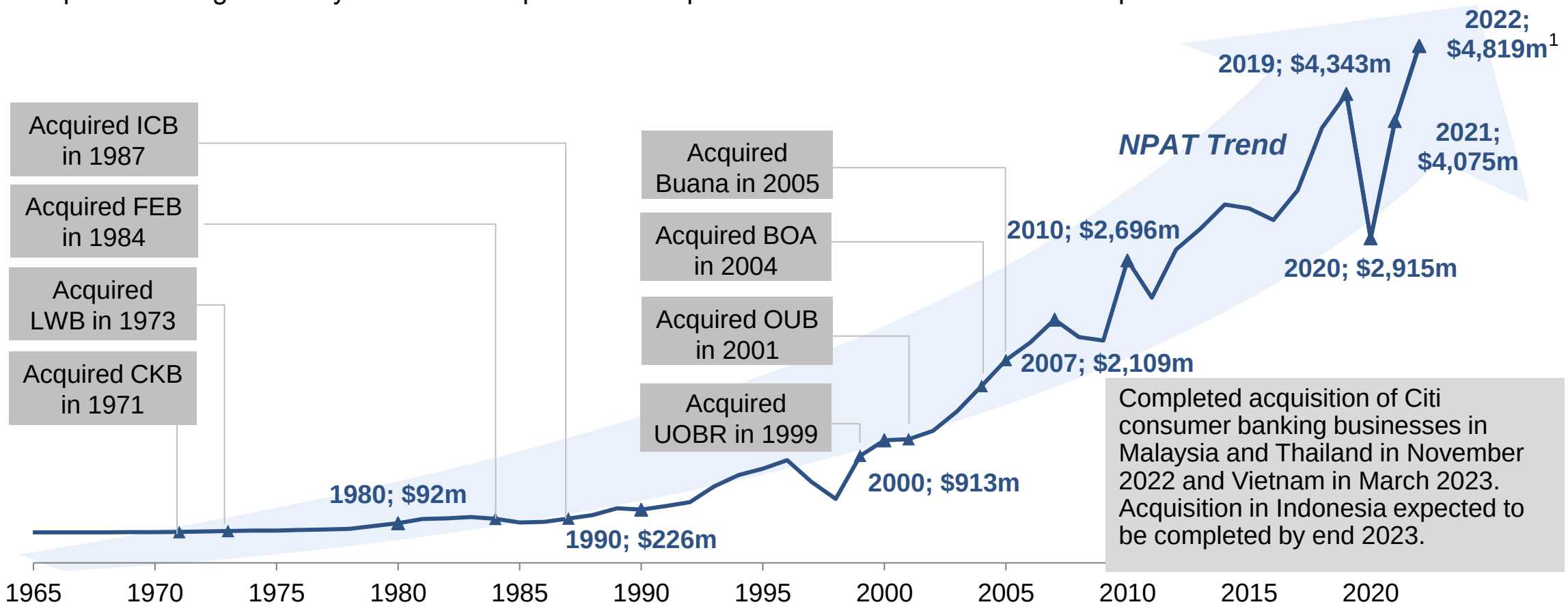
Sizeable domestic market share



Source: UOB, MAS (data as of 30 Jun 2023)

Proven track record of execution

- UOB Group's management has a proven track record in steering the Group through various global events and crises
- Stability of management team ensures consistent execution of strategies
- Disciplined management style which underpins the Group's overall resilience and sustained performance



1. Excluding one-off expenses

Note: Bank of Asia Public Company Limited ("BOA"), Chung Khiaw Bank Limited ("CKB"), Far Eastern Bank Limited ("FEB"), Industrial & Commercial Bank Limited ("ICB"), Lee Wah Bank Limited ("LWB"), Overseas Union Bank Limited ("OUB"), Radanasin Bank Thailand ("UOBR")

Comprehensive regional banking franchise

Extensive regional footprint with ~500 offices

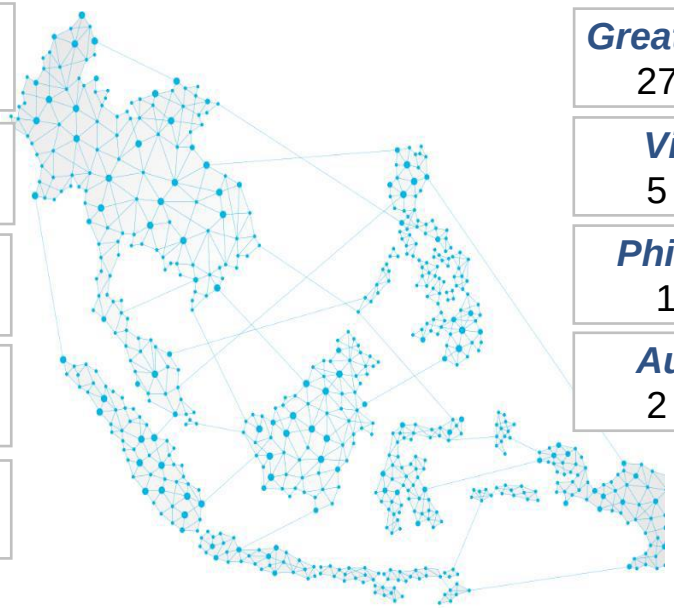
Myanmar
2 offices

Thailand
153 offices

Malaysia
49 offices

Singapore
73 offices

Indonesia
176 offices



Greater China[1]
27 offices

Vietnam
5 offices

Philippines
1 office

Australia
2 offices

- Most diverse regional franchise among Singapore banks; effectively full control of regional subsidiaries
- Integrated regional platform improves operational efficiencies, enhances risk management and provides faster time-to-market and seamless customer service
- Organic growth strategies in emerging / new markets of China and Indo-China

1H23 performance by segment



Group retail

Operating profit
SGD1.5b[2]
+86% YoY

SGD165b[3]
Assets under management **+19% YoY**

AUM from overseas customers **59%**



Group wholesale banking

Operating profit
SGD2.8b
+28% YoY

23%[4]
Cross-border income to Group wholesale banking's income

1. Comprise Mainland China, Hong Kong SAR and Taiwan
2. Excluding one-off expenses
3. Refers to Privilege Banking, Privilege Reserve and Private Bank – including acquisition of Citigroup Malaysia, Thailand and Vietnam
4. As of May-2023

Comparison against peers

Moody's	S&P	Fitch		Standalone Strength *Moody's baseline credit assessment*	Cost Management *Costs/income ratio*	Returns *Return on average assets (annualised)*	Liquidity *Loan/deposit ratio*
Aa1	AA–	AA–	**UOB**	a1	41%[1]	1.2%[1]	84%
Aa1	AA–	AA–	**OCBC**	a1	38%	1.5%	79%
Aa1	AA–	AA–	**DBS**	a1	38%	1.4%	80%
A3	A–	A+	**HSBC**	a3	42%	1.2%	60%
A3	BBB+	A	**SCB**	baa1	62%	0.6%	54%
A1	A–	AA–	**BOA**	a2	62%	1.0%	55%
A3	BBB+	A	**Citi**	baa1	70%	0.5%	49%
Aa3	AA–	A+	**CBA**	a2	44%	0.8%	103%
Aa3	AA–	A+	**NAB**	a2	42%	0.8%	121%
Aa1	AA–	AA-	**RBC**	a2	55%	0.4%	69%
Aa2	AA–	AA-	**TD**	a1	53%	0.4%	75%
A3	A–	n.r.	**CIMB**	baa2	47%	1.0%	88%
A3	A–	n.r.	**MBB**	a3	48%	1.0%	91%

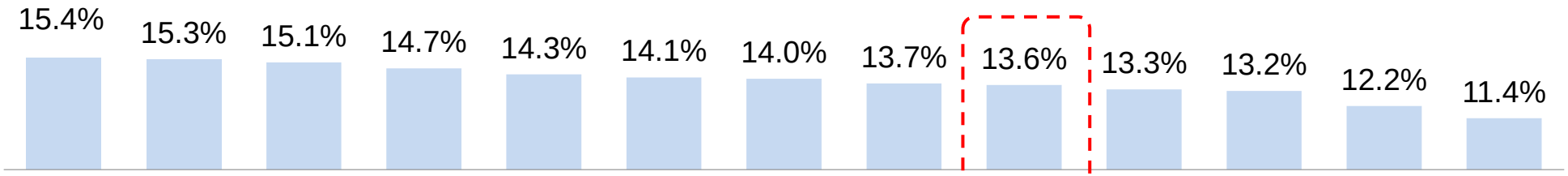
1. Excluding one-off expenses

Source: Company reports, Credit rating agencies (updated as of 31 Jul 2023)

Financial data based on period ended 30 Jun 23, except for RBC/TD (period ended 31 Apr 23), NAB, CIMB, Maybank (31 Mar 23), CBA (Half-year ended 31 Dec 22)

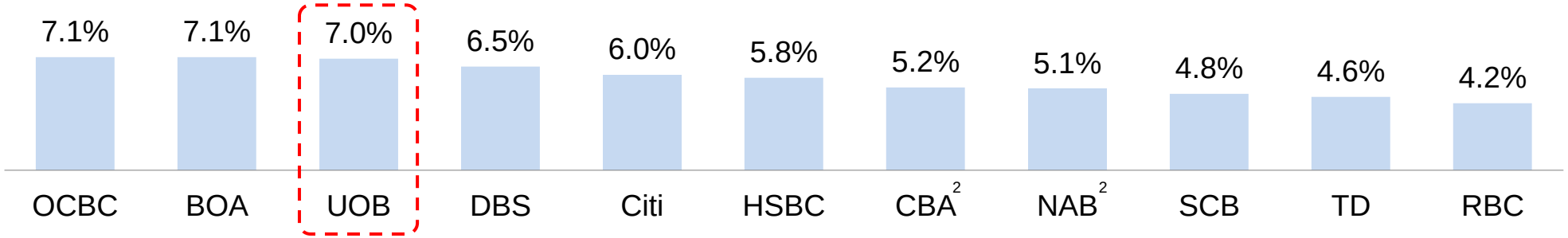
Capital and leverage ratios

Reported Common Equity Tier 1 CAR



Return on Average Equity (annualised)	OCBC	TD	MBB	HSBC	CIMB	DBS	SCB	RBC	UOB	Citi	BOA	NAB[2]	CBA[2]
	14.3%	14.1%	10.7%	20.8%	10.3%	18.9%	11.9%	14.4%	14.5%[1]	5.6%	11.8%	13.7%	13.6%

Reported Leverage Ratio



1. Excluding one-off expenses
2. CBA's and NAB's common equity Tier 1 CARs based on APRA's standards; their respective internationally comparable ratio was 18.2% (31 Dec 22) and 17.3% (31 Mar 23)

Source: Company reports

Financial data based on period ended 30 Jun 23, except for RBC, TD (Half-year ended 30 Apr 23), NAB, CIMB, Maybank (31 Mar 23), CBA (Half-year ended 31 Dec 22)

2. Strong UOB Fundamentals

Managing risks for stable growth

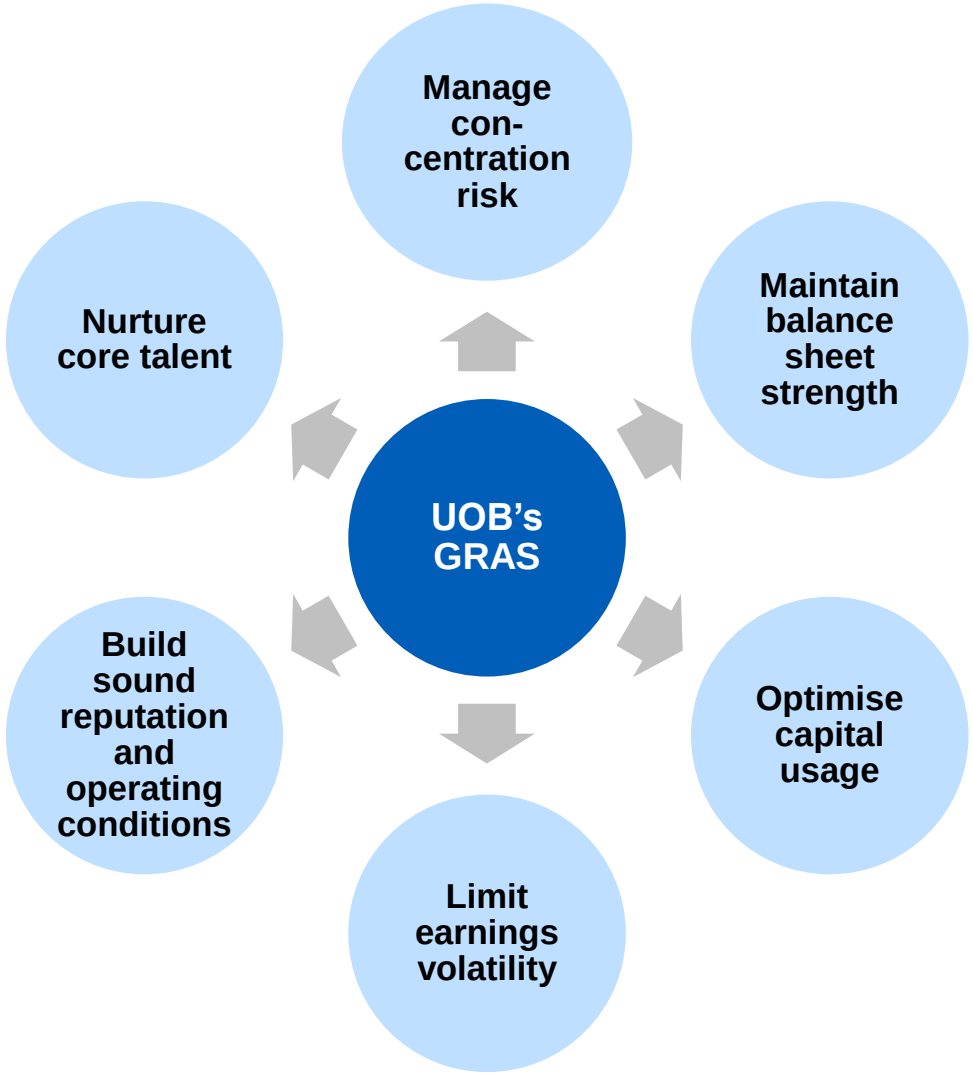
- **Prudent approach has been key to delivering sustainable returns over the years**
- **Institutionalised framework through Group Risk Appetite Statement (GRAS):**

– Outlines risk and return objectives to guide strategic decision-making

– Comprises 6 dimensions and 14 metrics

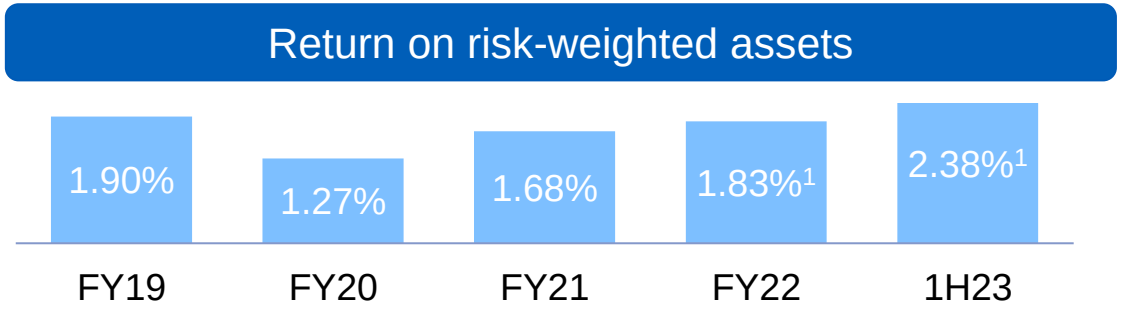
– Entails instilling prudent culture as well as establishing policies and guidelines

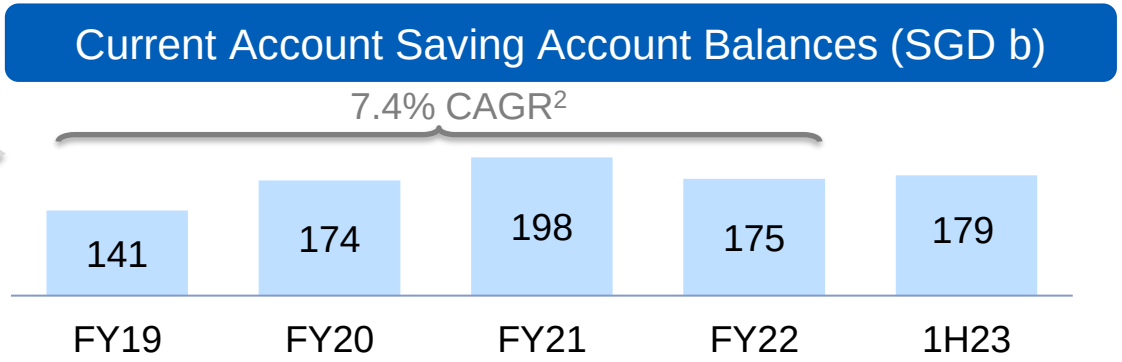
– Invests in capabilities, leverage integrated regional network to ensure effective implementation across key markets and businesses

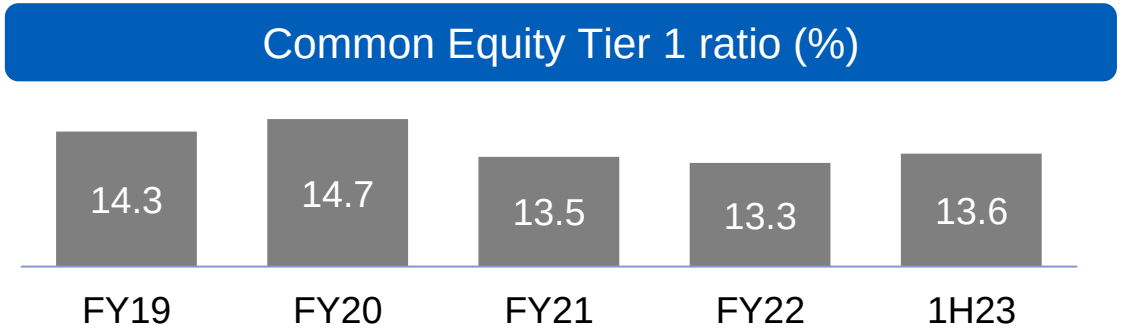


Disciplined balance sheet management



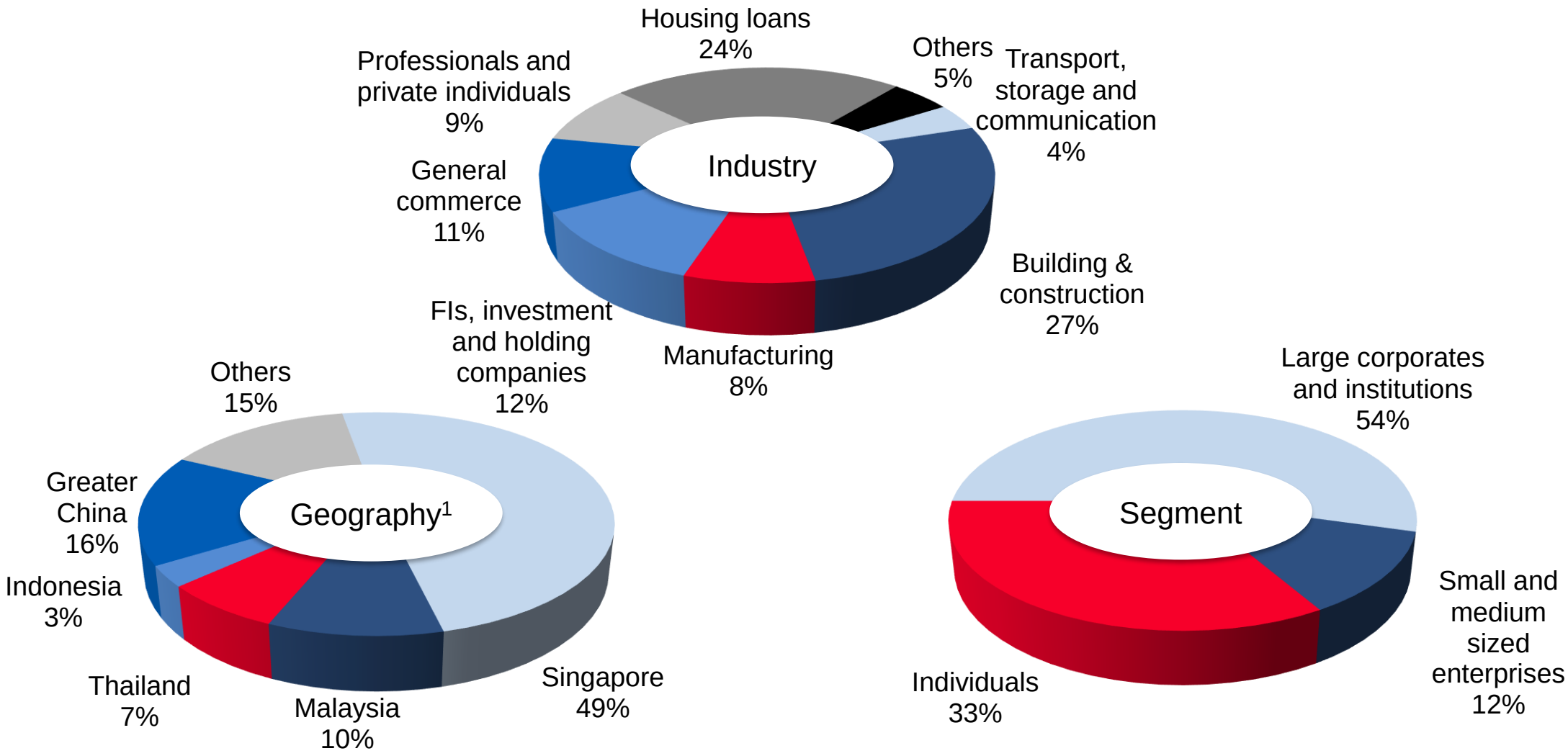






Notes
1. Excluding one-off expenses
2. Compound annual growth rate over 3 years (FY19 to FY22)

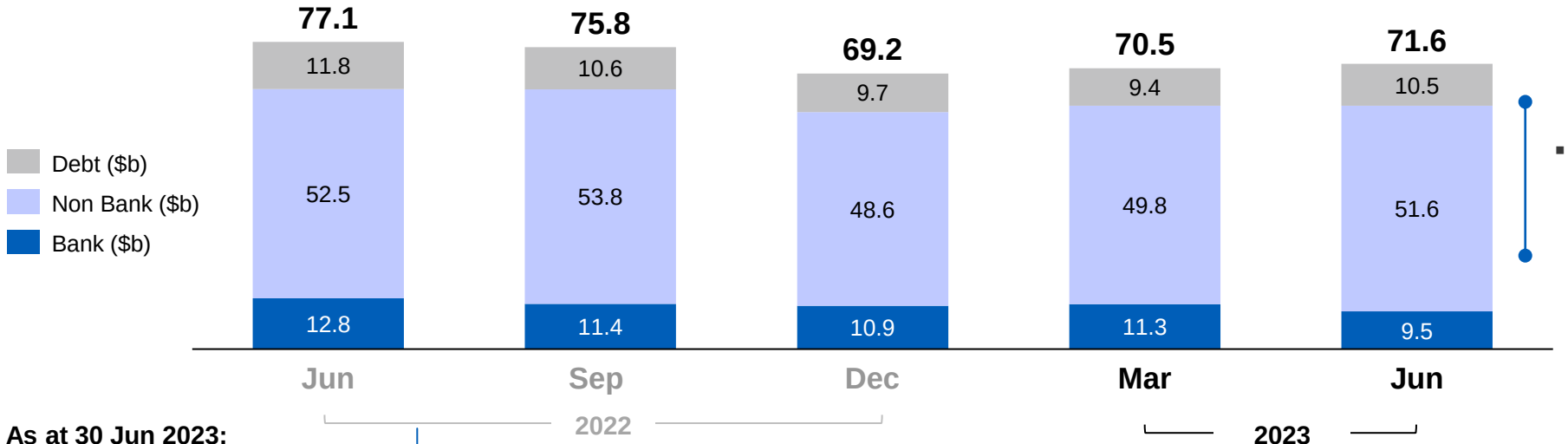
Diversified loan portfolio



1, Loans by geography are classified according to where credit risks reside, largely represented by the borrower's country of incorporation / operation (for non-individuals) and residence (for individuals)

Note: Financial statistics as at 30 Jun 2023

Exposure to Greater China



- ~$2.8b in loans to Chinese developers (*1% of group loans*)

As at 30 Jun 2023:

Mainland China exposure

($21.9b or 4% of total assets)

Bank exposure ($7.7b)

- ~35% of total exposure to Mainland China, with top 5 domestic banks and 3 policy banks accounting for ~70% of total bank exposure
- ~99% with <1 year tenor; trade accounts for ~20% of total bank exposure

Non-bank exposure ($10.9b)

- Client base include top-tier state-owned enterprises, large local corporates and foreign investment enterprises
- ~65% denominated in RMB and ~55% with <1 year tenor
- NPL ratio at 0.7%

Hong Kong SAR exposure

($43.8b or 9% of total assets)

Bank exposure ($0.4b)

- ~85% are to foreign banks

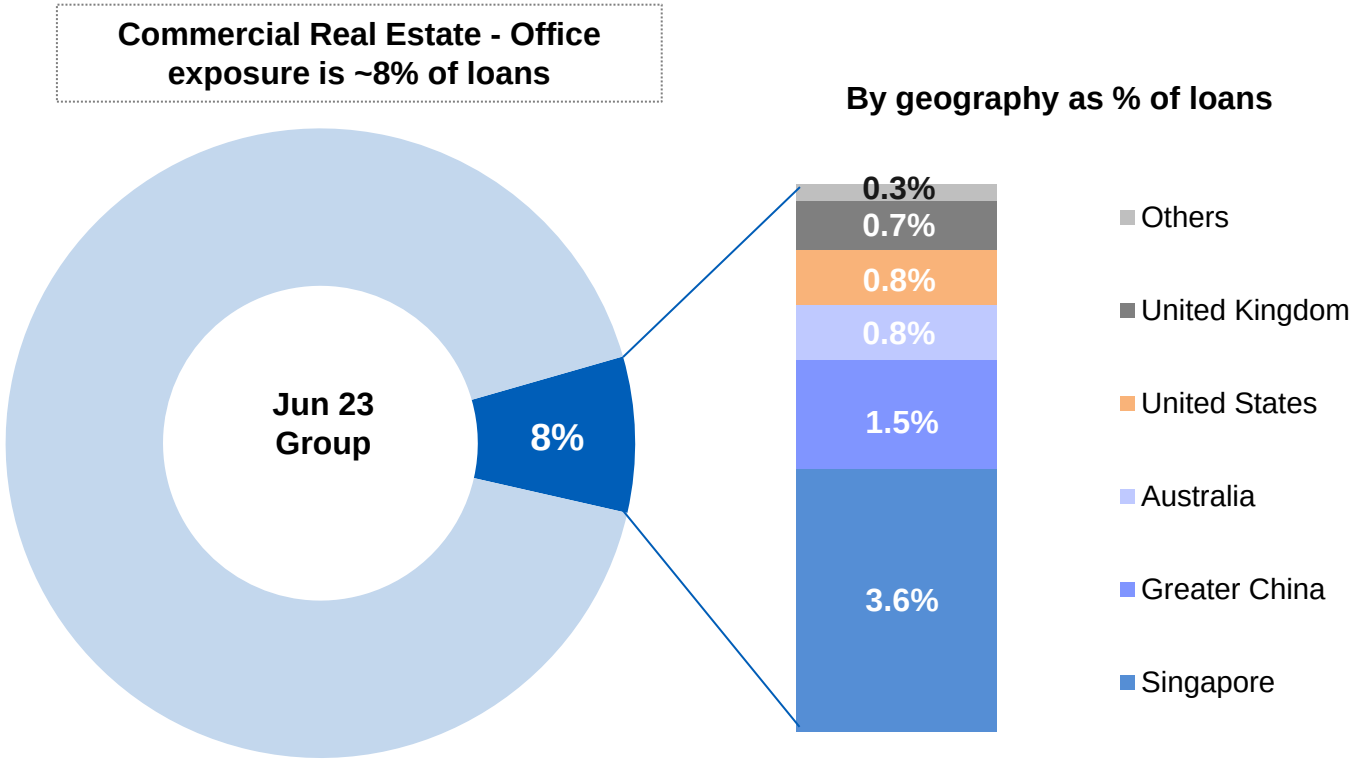
Non-bank exposure ($37.3b)

- Exposure mainly to corporate and institutional clients
- ~55% with <1 year tenor
- NPL ratio at 1.4%

Note: Classification is according to where credit risks reside, largely represented by the borrower's country of incorporation/operation for non-individuals and residence for individuals.

Exposure to Commercial Real Estate - Office

- Almost half of office exposure is in Singapore
- Overseas exposure backed by strong sponsors
- Largely secured by class-A office properties
- Average LTV around 50-60%



Strong investment grade credit ratings

UOB

Moody's Investors Service — ***Aa1 / P-1***

- Capital good by global standards
- Deposit-funded and liquid balance sheet
- Traditional banking presence in Singapore, Malaysia and other markets

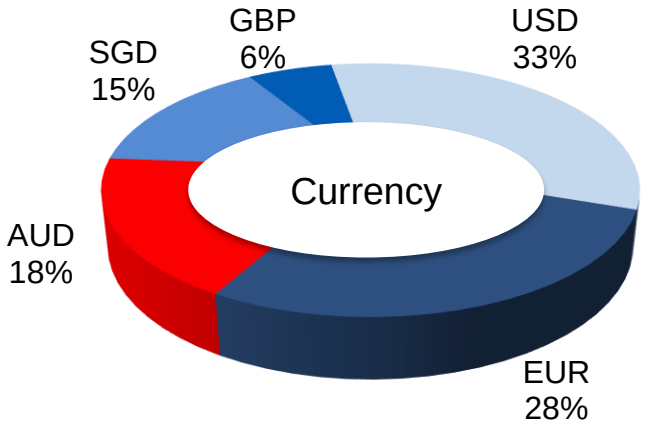
S&P Global Ratings — ***AA– / A-1+***

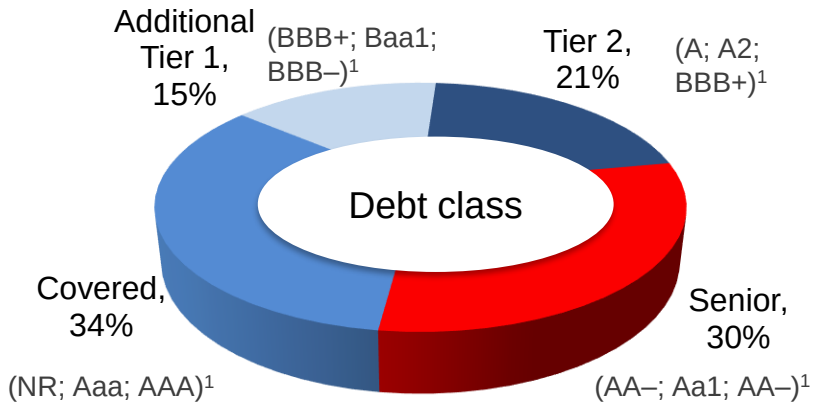
- Well-established market position, strong funding and prudent management record
- Will maintain its capitalisation and asset quality while pursuing regional growth

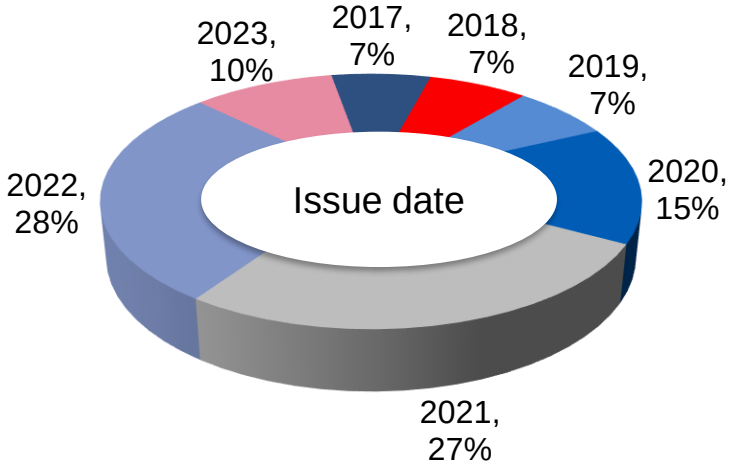
FitchRatings — ***AA– / F1+***

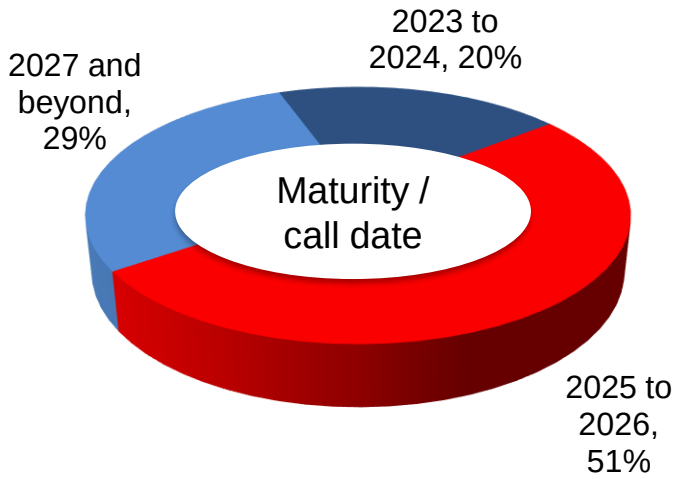
- Sound capital and high loan-loss buffers
- Disciplined funding strategy, supported by its strong domestic franchise

A regular issuer in key debt capital markets globally









Source: Credit rating agencies

Note: The pie charts represent outstanding UOB's public rated issuances as of 17 Jul 23; for more details, please refer to https://www.uobgroup.com/investor-relations/capital-and-funding-information/group-securities.html

1. The issuance ratings are by Fitch Ratings, Moody's Investors Service and S&P Global Ratings, respectively

UOB's responsible financing journey: pragmatic and progressive

Overview of UOB Group's Responsible Financing Journey

	Establishing	Improving	Strengthening and Evolving	
	2015 - 2016	2017 - 2018	2019 - 2021	2022
Key Milestone	• Launched the Group Responsible Financing Policy. • Began to incorporate ESG clauses into Letters of Offer.	• Enhanced ESG monitoring and reporting to improve oversight on potential controversies. • Implemented ESG risk classification to better manage ESG risk in portfolio. • Adopted the ABS Haze Diagnostics Checklist as transboundary haze pollution shrouded the region.	• Strengthened due diligence process with enhanced checklist and climate-related questions. • Tightened stance in thermal coal mining sector, coal fired power sector, as well as palm oil sector. • Established the bank's Environmental Risk Management (EnRM) Framework, and disclosed our responsible financing sector policies on our corporate website. • All employees in relevant roles completed an industry-wide e-learning module on responsible financing.	• Announced our net zero commitments and targets for six sectors. To this end, we committed to exit financing for the thermal coal sector by 2039 and to cease new project financing for upstream Oil & Gas projects approved for development after 2022. • Adopted the ABS Environmental Risk Questionnaire to further strengthen our approach on climate risk assessment, as well as engagement with our corporate customers on the identification of environmental risks and sustainable financing opportunities. • Conducted 2022 bank-wide ESG risk assessment capacity building workshops with a strong focus on climate risk management.

* Green Finance Industry Taskforce

TCFD Implementation - Climate Scenario Analysis

Qualitative Transition Risk Assessment	Transition Risk Scenario Analysis Pilot	Physical Risk Pilot Analysis	Improved Methodology
2019	2020	2021	2022
Key Milestone			

• Completed qualitative assessment in 2019, referencing SASB's Materiality Map® and Moody's Environmental Risks Global Heatmap.
• Identified carbon-intensive segments most likely to be impacted by climate change:
Metals and mining
Transportation
Building Materials
Forestry
Energy
Chemicals
Agriculture
	• Partnered an internationally recognised environmental consultancy in climate scenario analysis in 2020
	• Three pathways of climate scenarios based on research by IEA and OECD:
	  • An orderly transition where early actions are taken to reduce emissions to meet climate targets (high carbon price scenario)
	  • A disorderly transition where delayed and drastic actions are taken to meet climate targets (moderate carbon price scenario)
	  • Business-as-usual where no actions are taken (low carbon price scenario)
		• Conducted a pilot physical risk analysis involving approximately 2,000 wholesale banking customers (~80% of the total wholesale banking exposure) and retail banking property mortgages focusing on our major markets that are most vulnerable to physical risks, i.e. Malaysia, Thailand and Indonesia.
		• The analysis utilised a bottom-up approach with customers' operating and asset locations overlaid on various climate hazard maps to determine their vulnerability to seven physical hazards in short-, mid-, and long-term horizons up to 2050 over three IPCC climate scenarios.
		• In addition, we also refreshed our transition risk analysis.
			• Partnered with a leading global consultancy and developed an improved climate risk assessment methodology and uplift the internal capacity of the Bank.
			• The improved methodology integrates multiple climate risk drivers, considers both transition risk and physical risk, and includes sector specific approach for high-risk sectors, as well as a general approach for other sectors.
			• The detailed methodology and assessment results have been disclosed in UOB's FY22 Sustainability Report. Overall, the average change in projected credit risk profile of our assessed portfolio over time was not significant across all scenarios.

Future Plan **Metrics and Targets** To disclose our climate related progress in line with our net zero commitments

ESG ratings, rankings and indices

Recognised by extra-financial rating agencies and included in leading sustainability indices

Ratings

AA
As at Apr 2023
MSCI ESG Rating

B
In 2022[1]
CDP Climate Change Score

19.8
Low Risk as at 2022
Sustainalytics ESG Risk Rating

Rankings

Top 20
Among ASEAN companies
ASEAN Corporate Governance Scorecard (ACGS)

#2
Among Singapore companies
ASEAN Corporate Governance Scorecard (ACGS)

#1
Among ASEAN banks in 2022
WWF Sustainable Banking Assessment

Indices

#4
By market cap as at Jul 2023
FTSE4Good ASEAN-5 Index

#3
Largest constituent as at Jun 2023
iEdge Singapore ESG Leaders Index

#4
Among Singapore companies
NUS-CGS Singapore Governance & Transparency Index (SGTI)

1. An improvement from 'C' score in 2021.
Source: Bloomberg, CDP Worldwide, Centre for Governance and Sustainability at National University of Singapore Business School; FTSE Russell; MSCI Inc.; Singapore Exchange (SGX); Sustainalytics; and World Wide Fund for Nature.

Why UOB?

Stable management



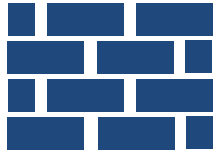
- Proven track record in steering the bank through various global events and crises
- Stability of management team ensures consistent execution of strategies

Integrated regional platform



- Truly regional bank with full ownership and control of regional subsidiaries
- Entrenched domestic presence and deep local knowledge to address the needs of our targeted segments
- Continued investment in talent and technology to build capabilities in a disciplined manner

Strong fundamentals



- Strong Common Equity Tier 1 capital adequacy ratio of 13.6% as at 30 June 2023
- Diversified funding and sound liquidity, with 84% loan/deposit ratio
- Strengthened coverage, with general allowance on loans (including RLAR) covering 1.0% of performing loans

Balance growth with stability



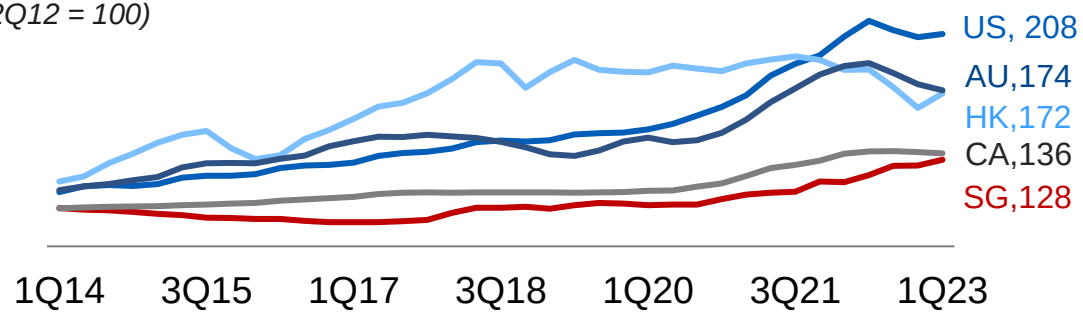
- Over 50% of Group's earnings from home market of Singapore (AAA sovereign rating)
- Continue to diversify portfolio, strengthen balance sheet, manage risks and build core franchise for the future
- Maintain long-term perspective to growth for sustainable shareholder returns

3. Resilience of the Singapore Housing Market & UOB's Cover Pool

Singapore mortgages remain a low-risk asset class

Low risk of housing bubble due to cooling measures

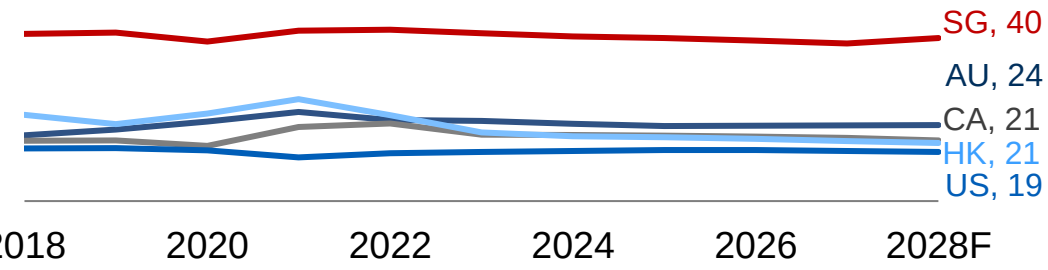
(2Q12 = 100)



Sources: CEIC, UOB Economic-Treasury Research

High national savings rate

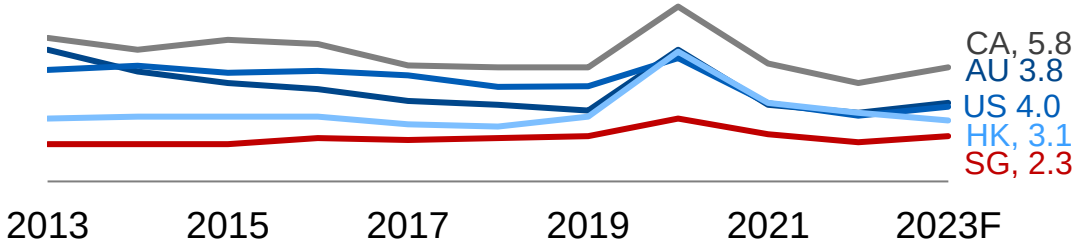
(% of GDP)



Sources: IMF, UOB Economic-Treasury Research

Low unemployment underscores housing affordability and support for mortgage servicing

(Unemployment, %)

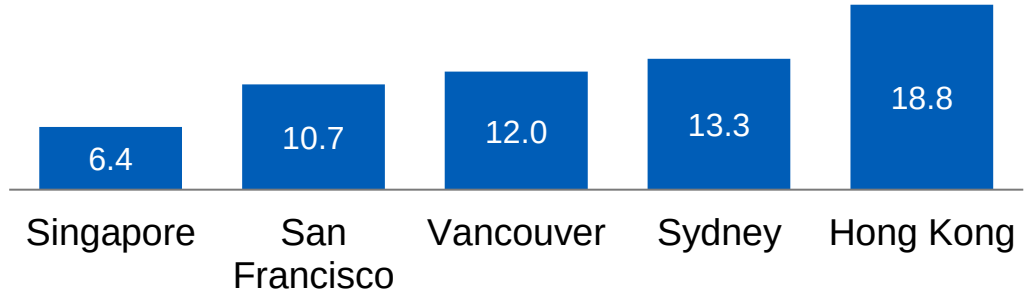


Sources: Macrobond, UOB Economic-Treasury Research

Note: AU: Australia; CA: China; HK: Hong Kong; SG: Singapore; US: United States

Singapore private residential housing stays affordable as median price-to-income ratio remains low

(Median price-to-income ratio (PIR))



As of 3Q22, based on 2023 edition of Urban Reform Institute report
Singapore's PIR calculated based on condominium price of S$1.41m and medium monthly household income of S$18.5k.
Sources: Singapore Statistics, Urban Reform Institute, Frontier Centre for Public Policy, UOB Economic-Treasury Research

USD15,000,000,000 Global Covered Bond Programme

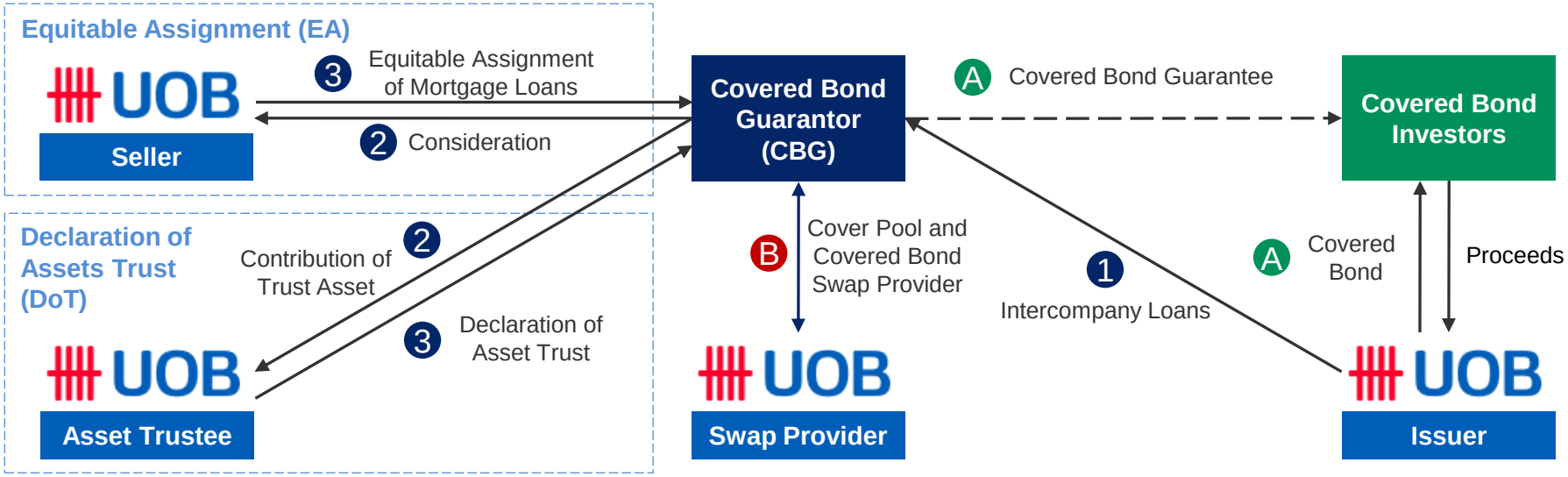
Issuer	United Overseas Bank Limited
Issuer Long Term Rating	Aa1 (stable) / AA- (stable) / AA- (negative) (Moody's / S&P / Fitch)
Issuer Short Term Rating	P-1 / A-1+ / F1+ (Moody's / S&P / Fitch)
Programme Limit	USD15,000,000,000
LCR Status / ECB Repo Eligibility	Expected Level 2A Eligible (EU)^ / Not Eligible
Programme Rating	Aaa / AAA (Moody's / S&P)
Issuance Structure (Dual Recourse)	Direct issuance covered bond regulated under MAS Notice 648, Senior unsecured claim against the Issuer and senior secured claim against the Cover Pool
Covered Bond Guarantor (CBG)	Glacier Eighty Pte. Ltd., a newly set up orphan SPV incorporated in Singapore for the sole purpose of facilitating the activities under the Covered Bond Programme
Covered Bond Guarantee	The CBG has provided a guarantee as to payments of interest and principal under the Covered Bonds
Cover Pool	Eligible 1st ranking SGD denominated residential mortgages loans originated by UOB in Singapore (and other eligible assets)
Mortgage Loan-to-Value Cap	80% of latest Valuation of the Property, to be adjusted at least quarterly
Over-collateralisation (OC)	Legal minimum OC of 3% and committed OC of 15.90%
Hedging	Cover Pool Swap[1] to hedge against possible variances between the interest received from the residential mortgage loans to the CBG's SGD interest/swap payments; Covered Bond Swap to hedge against the currency risk between the amount received by the CBG against its payment in other currency
Listing	Singapore Stock Exchange (SGX – ST)
Governing Law	English law (bond & swap documents) and Singapore law (asset documents)
Servicer, Cash Manager and Seller	United Overseas Bank Limited
Asset Monitor	Ernst & Young LLP
Trustee	DB International Trust (Singapore) Limited
Issuing and Paying Agent	Deutsche Bank AG, Singapore Branch
Arrangers	BNP Paribas, United Overseas Bank Limited and Hong Kong and Shanghai Banking Corporation

^Please refer to http://ec.europa.eu/finance/bank/docs/regcapital/acts/delegated/141010_delegated-act-liquidity-coverage_en.pdf and check for details. At the time of this presentation and subject to any relevant matters which are within the control of a relevant EU investor (including its compliance with the transparency requirement referred to in article 129(7) of Regulation (EU) 575/2013) and to the issuer and the covered bonds being regarded to be subject to supervisory and regulatory arrangements regarded to be at least equivalent to those applied in the EU, this bond should satisfy the eligibility criteria for its classification as a Level 2A asset in accordance with Chapter 2 of Regulation (EU) 2015/61 supplementing Regulation (EU) 575/2013. Notwithstanding the foregoing, it should be noted that whether or not a bond is a liquid asset for the purposes of the Liquidity Coverage Ratio under Regulation (EU) 575/2013 is ultimately to be determined by a relevant investor institution and its relevant supervisory authority and neither the issuer nor the manager accept any responsibility in this regard

[1]Only entered into if and when required by either Rating Agency in order to ensure that the then current rating of the Covered Bonds would not be downgraded

Covered Bond Structure

Notwithstanding that CPF's consent is required for the transfer or assignment of mortgages relating to CPF Loans, no such consent is required for a declaration of trust over mortgages relating to CPF Loans. The Seller is acting as the Assets Trustee and the CPF Loans are held on trust for the benefit of the Covered Bond Guarantor (CBG). Both EA and DOT mechanisms are permissible under MAS Notice 648 and such hybrid structure has been used in Covered Bond programmes in other jurisdiction.



[1] Only entered into if and when required by either Rating Agency to ensure that the then current rating of the Covered Bonds would not be downgraded.

[2] DOT Loans mean:
(1) the borrowers had used CPF funds in connection with a residential property (CPF Loan) or
(2) the required documentation for the borrowers' use of CPF funds, in connection with a residential property , is prepared.

[3] EA Loans mean a non-CPF Loan and the required documentation for the borrowers' use of CPF funds, in connection with a residential property, is not prepared.

Credit Structure (Dual Recourse)

A
- Covered Bond issued directly from UOB constitutes direct, unsecured and unsubordinated obligations of the issuer
- CBG guarantees the payment of interest and principal on the Covered Bonds, secured by the Cover Pool

Hedging

B
- Cover Pool Swap[1] – to hedge interest rate risk between the mortgage loans and CBG's SGD interest / swap payments[1]
- Covered Bond Swap (if necessary) – to hedge against the currency risk between the amount received by the CBG against its payment in other currency

Segregation of Mortgage Loans

1. UOB provides an intercompany loan to the CBG
2. CBG pays UOB consideration for the purchase of the mortgage loans
3. A dual ring-fencing structure which uses both equitable assignment (EA) and declaration of assets trust (DOT) mechanisms:
   - DOT – for the sale of DOT loans[2]
   - EA – for the sale of EA loans[3] via equitable assignment

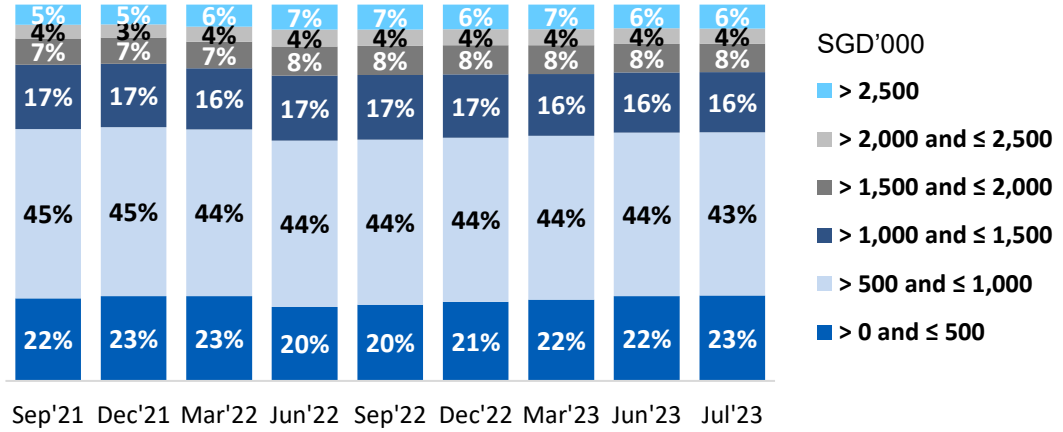
UOB's Cover Pool Profile

Overview of Cover Pool (as of Jul'23)

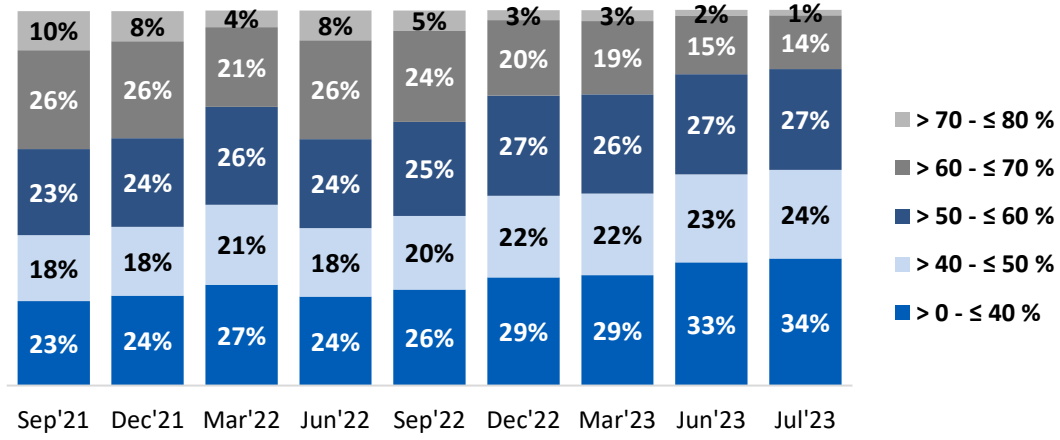
Number of Mortgage Accounts	21,028
Total Current Balance (SGD)	13.2 billion
Average Current Loan Balance (SGD)	629,690
Maximum Current Loan Balance (SGD)	9,436,750
Weighted Average Current Interest Rate	3.13 %
Weighted Average Seasoning	65 months
Weighted Average Remaining Tenor	242 months
Weighted Average Indexed Current LTV[1]	45.2 %
Weighted Average Unindexed[2] Current LTV[1]	53.9 %

1. Loan to value 2. Current loan balance divided by the original property value

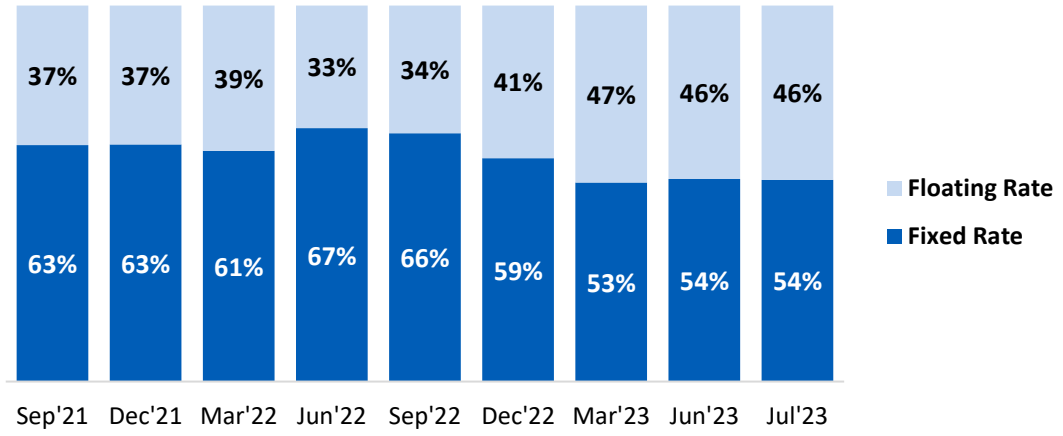
Current Loan Balances Mainly <SGD1m



Current LTV Mainly ≤60%



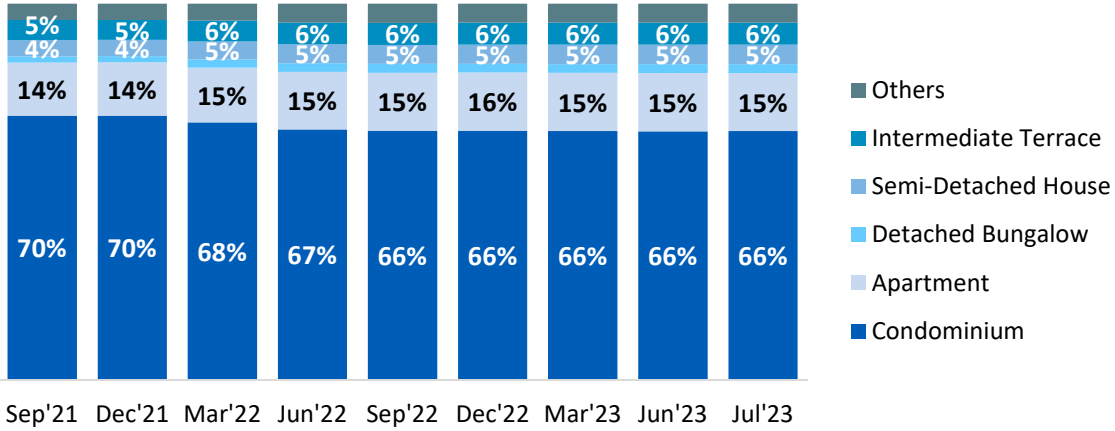
Slightly More Fixed Rate Mortgages



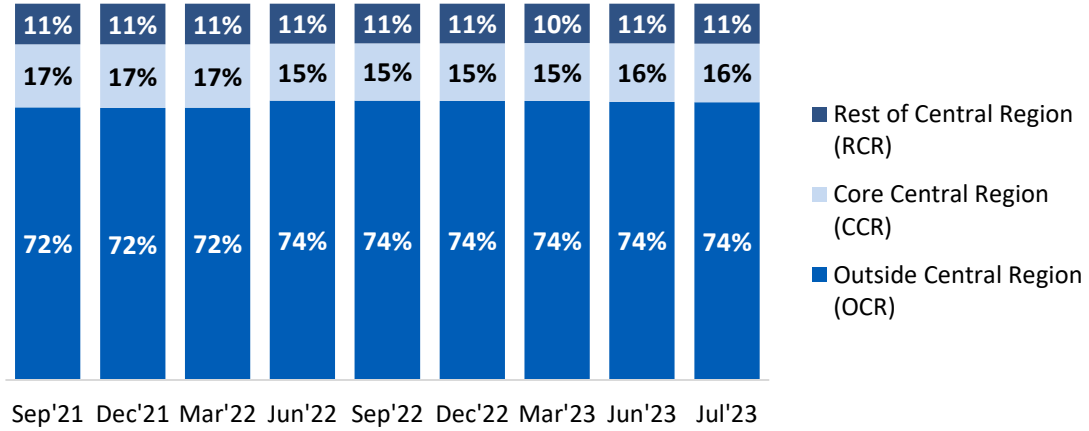
Note: Percentages less than 2% are not shown due to immateriality.

Cover Pool Has Been Stable

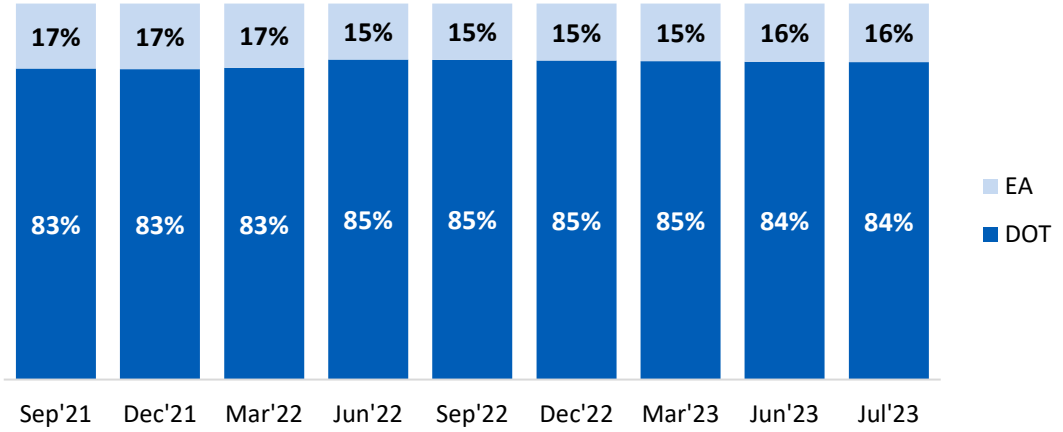
Primarily Condominiums and Apartment



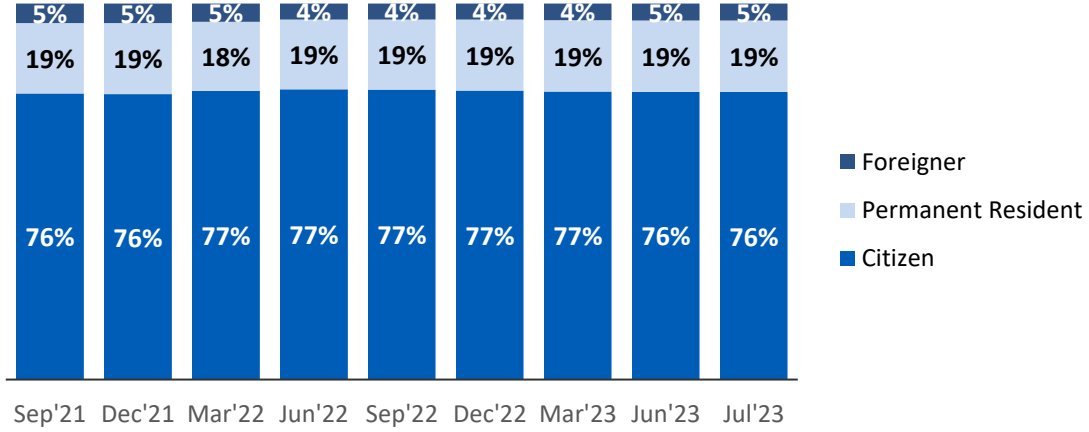
Diversified Geographical Distribution



Strong Legal Protection by EA[1] and DOT[2]



Borrowers Mainly Citizens and PRs

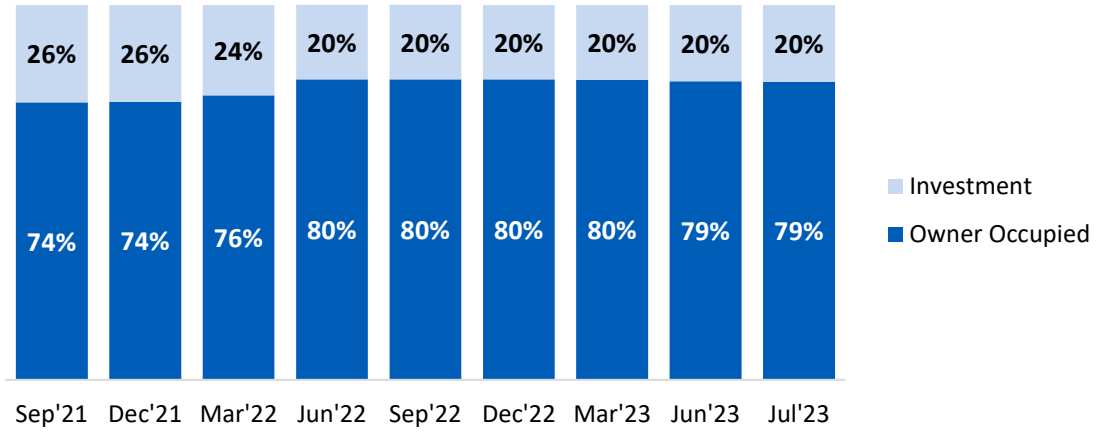


1. Equitable assignment 2. Declaration of asset trust

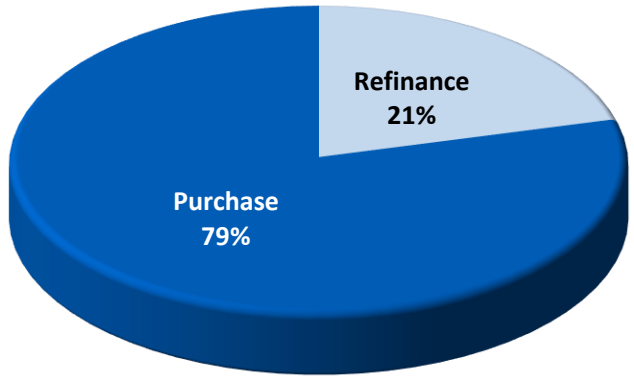
Note: Percentages less than 2% are not shown due to immateriality.

Cover Pool Has Been Stable (Cont'd)

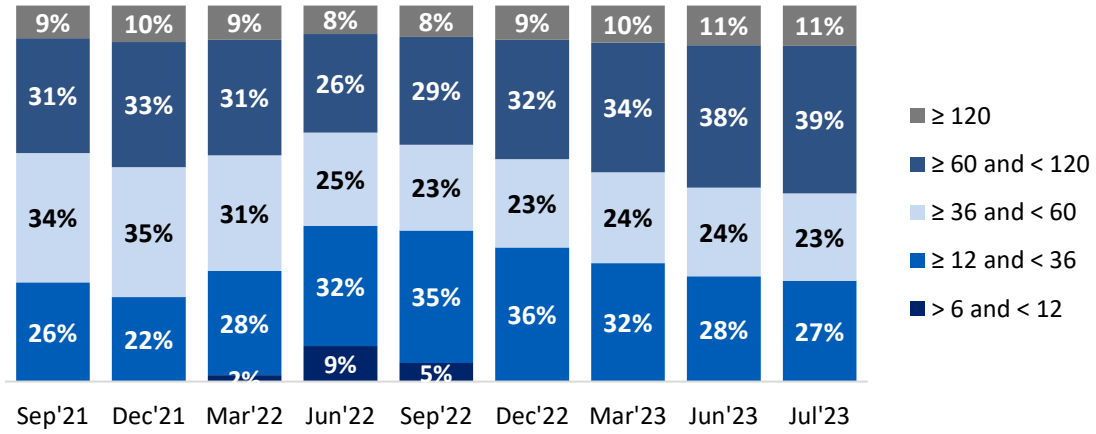
Majority Owner Occupied



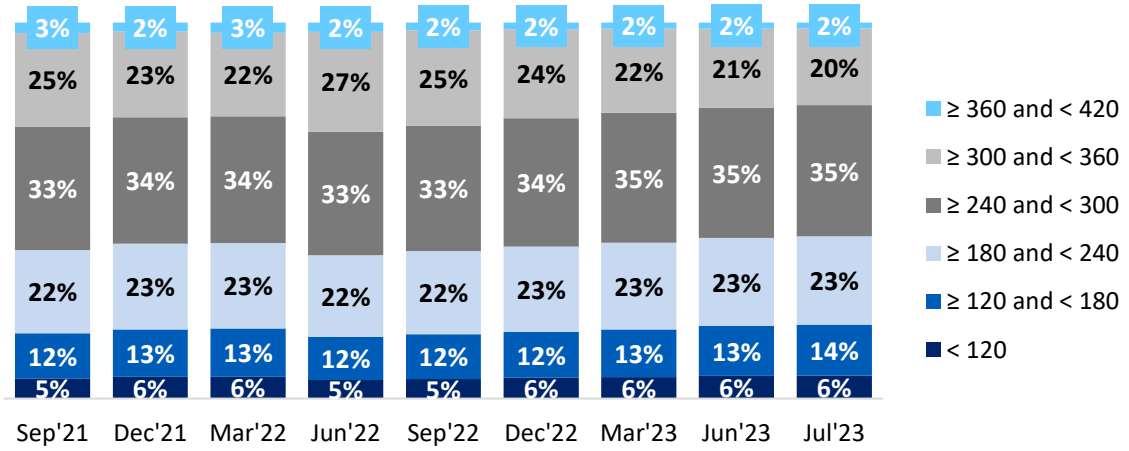
Loans Mainly for Purchases



Well Seasoned Portfolio (in Months)



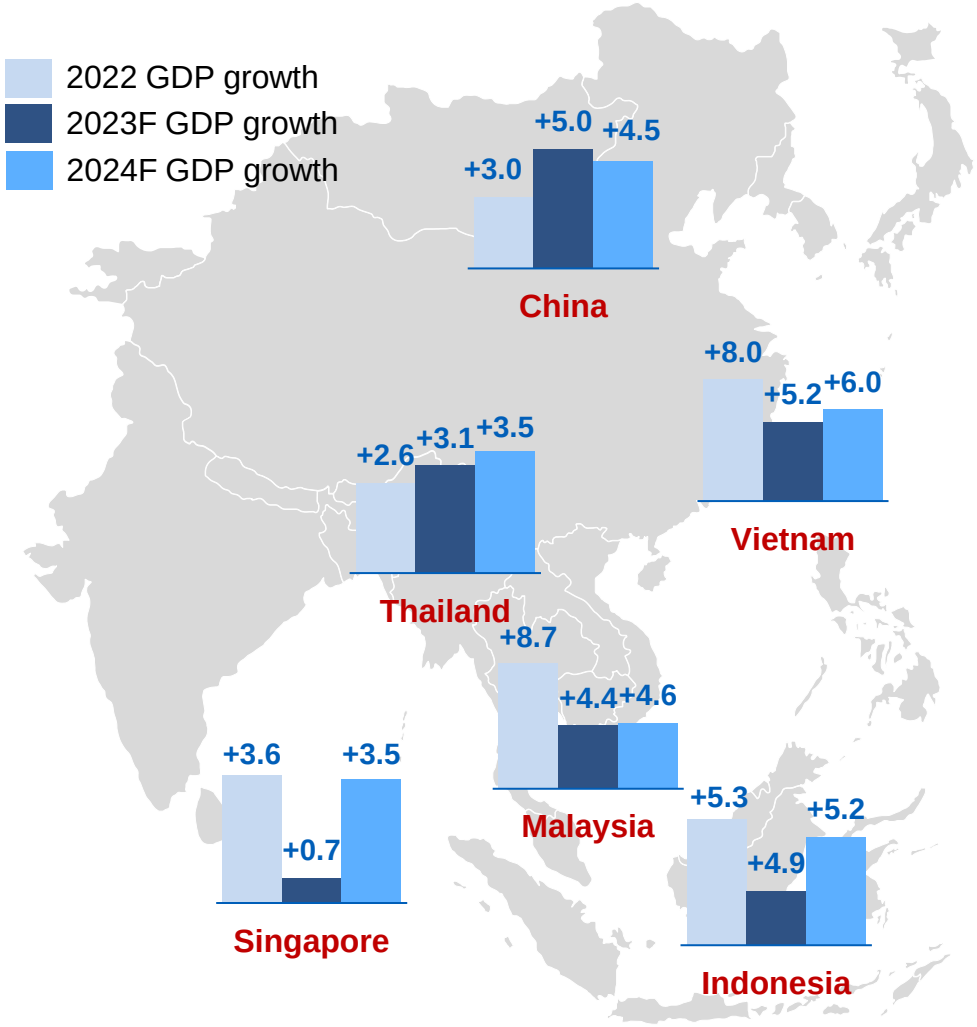
Stable Profile for Remaining Loan Tenors (in Months)



Note: Percentages less than 2% are not shown due to immateriality.

Appendix A: Macroeconomic Outlook

Growth Seen Holding Up Across Asian Economies in 2023 Amid Growing External Risks



Tourism Rebound In Asia To Support Consumption Demand Amid Weaker Trade

Asia: Inbound Visitor Arrivals, YTD

	Persons, million (0 2 4 6 8 10 12)	Latest YTD mn pax	2022 mn pax	2021 mn pax	2020 mn pax	2019 mn pax
Hong Kong		12.9	0.6	0.1	3.6	55.9
Thailand		10.7	11.2	0.4	6.7	39.9
Japan		8.6	3.8	0.2	4.1	31.9
Singapore		6.3	6.3	0.3	2.7	19.1
Vietnam		5.6	3.7	0.2	3.8	18.0
Indonesia		4.1	5.5	1.6	4.1	16.1
South Korea		3.5	3.2	1.0	2.5	17.5
Taiwan region		2.2	0.9	0.1	1.4	11.9

Latest YTD 2022

Source: Global Economics & Markets Research

Source: UOB Global Economics & Markets Research forecasts

Fed closing in on end of rate hiking cycle

	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23F	4Q23F
US 10-Year Treasury	1.74	1.47	1.49	1.51	2.34	3.01	3.83	3.87	3.47	3.84	4.10	3.85
US Fed Funds	0.25	0.25	0.25	0.25	0.50	1.75	3.25	4.50	5.00	5.25	5.50	5.50
SG 3M SIBOR	0.44	0.43	0.43	0.44	0.79	1.91	3.17	4.25	4.19	4.09		
SG 3M SOR	0.36	0.24	0.21	0.36	0.95	2.06	3.28	4.21	4.09	4.23		
SG 3M SORA	0.23	0.13	0.13	0.19	0.27	0.76	1.97	3.10	3.54	3.64	3.82	3.93
MY Overnight Policy Rate	1.75	1.75	1.75	1.75	1.75	2.00	2.50	2.75	2.75	3.00	3.00	3.00
TH 1-Day Repo	0.50	0.50	0.50	0.50	0.50	0.50	1.00	1.25	1.75	2.00	2.50	2.50
ID 7-Day Reverse Repo	3.50	3.50	3.50	3.50	3.50	3.50	4.25	5.50	5.75	5.75	5.75	5.75
CH 1-Year Loan Prime Rate	3.85	3.85	3.85	3.80	3.70	3.70	3.65	3.65	3.65	3.55	3.40	3.35

Developed market central banks are likely nearing the end of their rate hikes cycle, even as they maintain a data-dependence approach. In contrast, most Asian central banks have indicated they are wrapping up their rate hikes. The PBOC is taking a different path, gradually loosening its monetary policy. We believe that China's stimulus measures will continue to remain targeted and measured.

After the rate hike in July and FOMC Chair Powell's neutral yet ambiguous Jackson Hole speech, we anticipate the Fed will maintain its current stance in the September FOMC and throughout 2023, settling the FFTR level at 5.25-5.50%. We foresee no rate reductions in 2023 but expect them to start in 1Q24. There is a slight chance the Fed might increase rates by another 25 bps. However, we believe the Fed's hiking cycle is at/very near the end, and we think the Fed rate is unlikely to go to 6%.

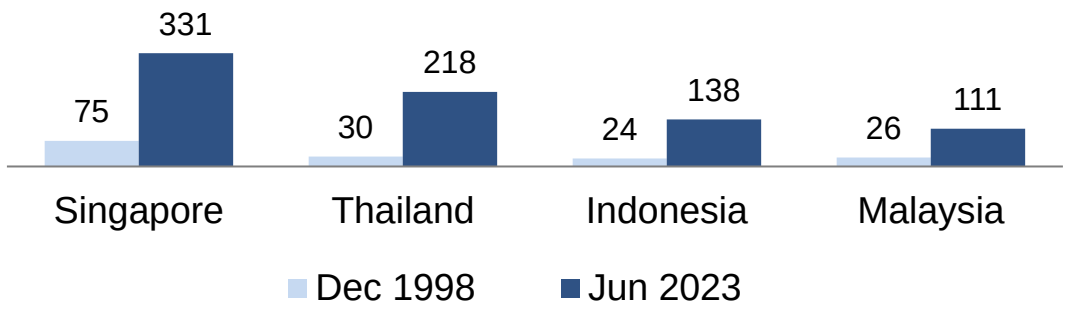
While inflation concerns remained in recent months, it is also evident that economic growth forecast is becoming more uncertain and biased to the weaker side. However, given the persistence of core inflation, it is premature to anticipate a reverse course in monetary policy. Faced with sustained inflation and a weaker growth outlook, we believe the tightening phase have concluded in April and we expect the Monetary Authority of Singapore to uphold this stance in their next meeting in October.

Source: UOB Global Economics & Markets Research forecasts

Macro resilience across key Southeast Asian markets

Significantly Higher Foreign Reserves

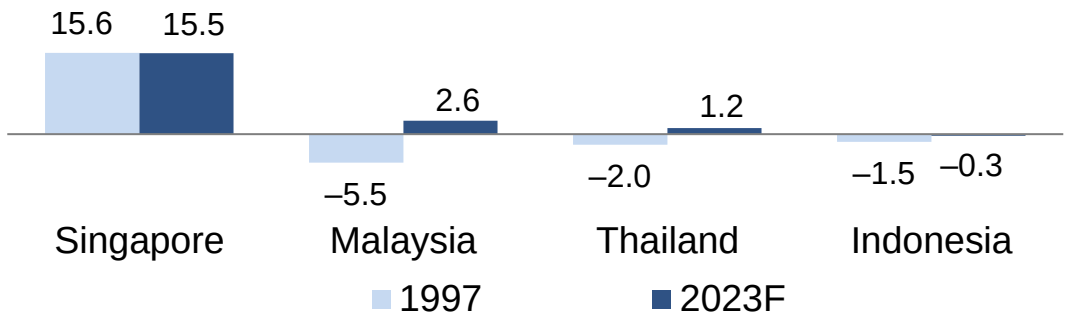
(USD billion)



Sources: World Bank, International Monetary Fund

Improved Current Account Balances

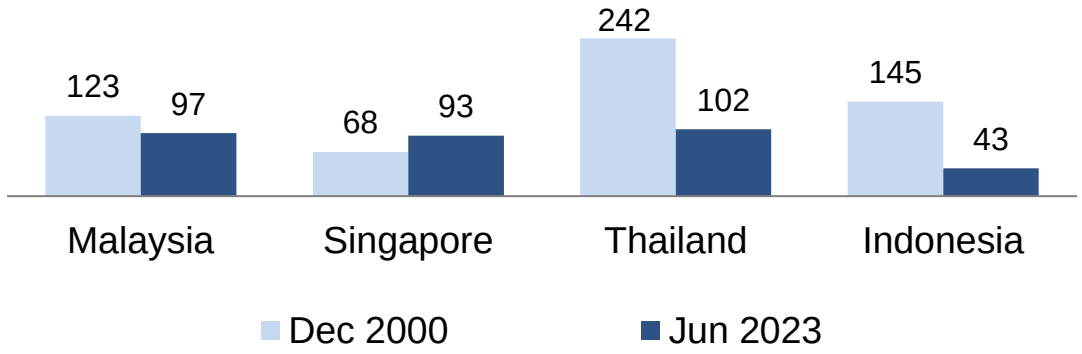
(% of GDP)



Source: International Monetary Fund

Lower Debt to Equity Ratio

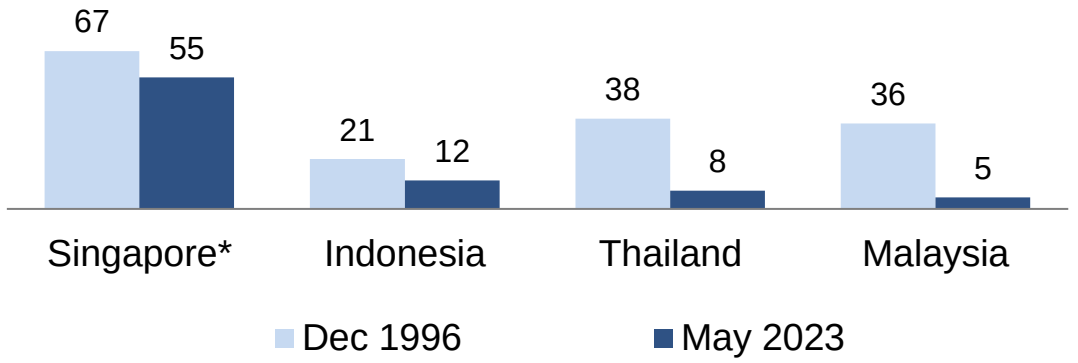
(%)



Total debt to equity ratio = total ST and LT borrowings divided by total equity, multiplied by 100; sources: MSCI data from Bloomberg

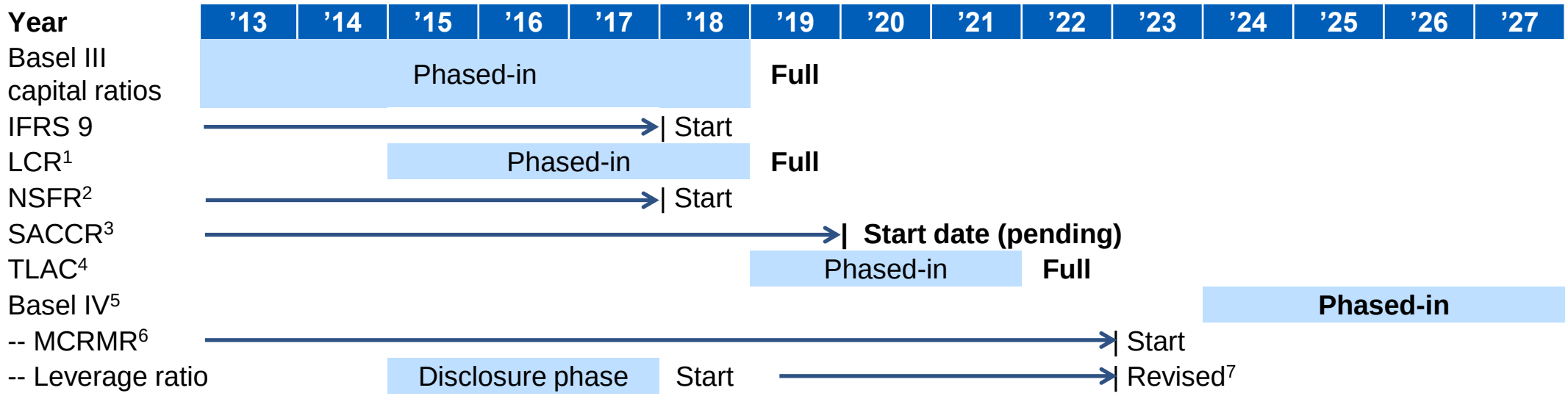
Lower Foreign Currency Loan Mix

(%)



* Foreign currency loans in 1996 approximated by using total loans of Asia Currency Units; sources: Central banks

Global regulators delayed capital rules by a year



> "Retained earnings are one of the major sources of … highest quality capital that banks hold. They have to earn a decent return for intermediating credit, otherwise they will do less of it."
>
> *– Mr Ravi Menon, Managing Director, Monetary Authority of Singapore, 20 April 2017*

> "While the reforms are necessary to strengthen the banking system over the long term, they will require banks to make considerable operational adjustments which they would be hard pressed to make under current challenging conditions."
>
> *– Media Release, Monetary Authority of Singapore, 7 April 2020*

Source: BCBS

1. Liquidity Coverage Ratio
2. Net Stable Funding Ratio
3. Standardised Approach for measuring Counterparty Credit Risk exposure (MAS has not announced implementation date)
4. Total Loss Absorbing Capacity (not applicable to Singapore banks)
5. Basel IV: Revised standards for credit risk, market risk, operational risk, leverage ratio, output floor and related disclosure requirements
6. Minimum Capital Requirements for Market Risk replaced Fundamental Review of the Trading Book
7. Revised definition on exposure measure

Basel III across the region

	BCBS	Singapore	Malaysia	Thailand	Indonesia
Minimum CET1 CAR	4.5%	6.5%[1]	4.5%	4.5%	4.5%
Minimum Tier 1 CAR	6.0%	8.0%[1]	6.0%	6.0%	6.0%
Minimum Total CAR	8.0%	10.0%[1]	8.0%	8.5%	8.0%
Capital Conservation Buffer	2.5%	2.5%	2.5%	2.5%	2.5%
Countercyclical Buffer [2]	n/a	0%	0%	0%	0%
D-SIB Buffer	n/a	2.0%	1.0%	1.0%	1.0%–2.5%[3]
Minimum Leverage Ratio	3.0%	3.0%	3.0%	3.0%	3.0%
Minimum LCR	100%	100%	100%	100%	100%
Minimum NSFR	100%	100%	100%	100%	100%

Source: Regulatory notifications

1. Includes 2% for D-SIB (domestic-systemically important banks) buffer for the three Singapore banks
2. Each regulator determines its own level of countercyclical capital buffer
3. According to the regulations, capital surcharge for Indonesia D-SIBs are classified into four buckets based on the tier 1 capital (Bucket 1 – 1%, Bucket 2 – 1.5%, Bucket 3 – 2%, Bucket 4 – 2.5%)

Impact of Basel IV[1] likely to be manageable

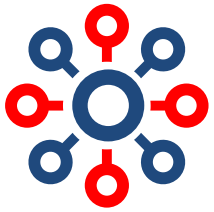
	Lower RWA	Higher RWA
Retail credit	LGD[2] floor of Retail Mortgage cut to 5% from 10%	LGD[2] and PD[3] floors introduced for QRRE[4] and Other Retail
Wholesale credit	Unsecured corporate FIRB[5] LGD[2] cut to 40% from 45%	CCF[6] for unconditional cancellable commitments raised to 10% from 0%
Wholesale credit	CCF[6] for general commitments cut to 40% from 75%	PD[3] floor of bank asset class raised to 5bp from 3bp
Wholesale credit	Higher haircuts and lower FIRB[5] secured LGD	RWA[7] output floor set at 72.5% of that of standardised approach
Others	Removal of 1.06 multiplier for IRB[8] RWA[7]	Fundamental review of the trading book

Source: BCBS

1. Basel IV: Reducing variation in risk-weighted assets
2. Loss given default
3. Probability of default
4. Qualifying revolving retail exposures
5. Foundation internal rating-based approach
6. Credit conversion factor
7. Risk weighted assets
8. Internal rating-based approach

Appendix B: Growth Drivers

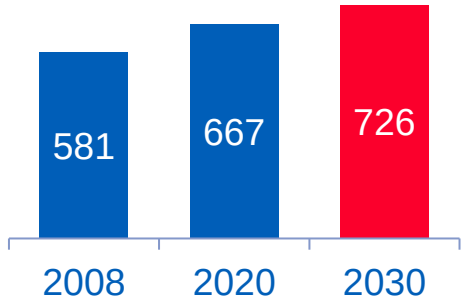
Our growth drivers

Realise full potential of our integrated platform	Sharpen regional focus	Reinforce fee income growth	Long-term growth perspective
			
▪ Provides us with ability to serve expanding regional needs of our customers ▪ Improves operational efficiency, enhances risk management, seamless customer experience and faster time to market	▪ Global macro environment remains uncertain but the region's long-term fundamentals continue to remain strong ▪ Region is our growth engine in view of growing intra-regional flows and rising consumer affluence, leveraging digitalisation and partnerships	▪ Grow fee income to offset competitive pressures on loans and improve return on risk weighted assets ▪ Increase client wallet share size by intensifying cross-selling efforts, focusing on service quality and expanding range of products and services	▪ Disciplined approach in executing growth strategy, balancing growth with stability ▪ Focus on risk adjusted returns; ensure balance sheet strength and robust capital through economic cycles

Southeast Asia's immense long-term potential

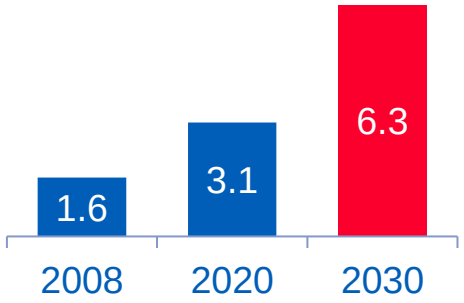
Population

(Million persons)



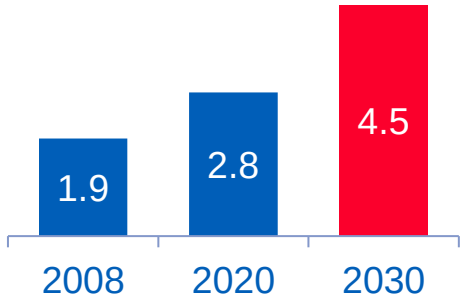
GDP[1]

(USD trillion)



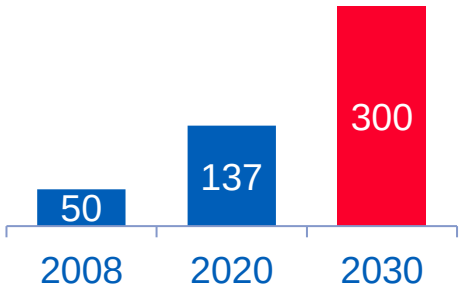
Trade[2]

(USD trillion)



FDI[3]

(USD billion)



Southeast Asia's immense growth prospects…

- Third largest population globally, after China and India
- Young demographics, with 382 million below 35 years old
- Fifth largest economic bloc globally by GDP[1]
- Fourth largest trading group globally
- Third largest recipient of inward FDI[3] globally

… that UOB is uniquely placed to capture

- Most diverse regional franchise among Singapore banks
- Full effective control of regional subsidiaries and integrated platform



1. Gross domestic product 2. Comprises exports and imports 3. Foreign direct investments

Source: Macrobond, UOB Global Economics and Markets Research

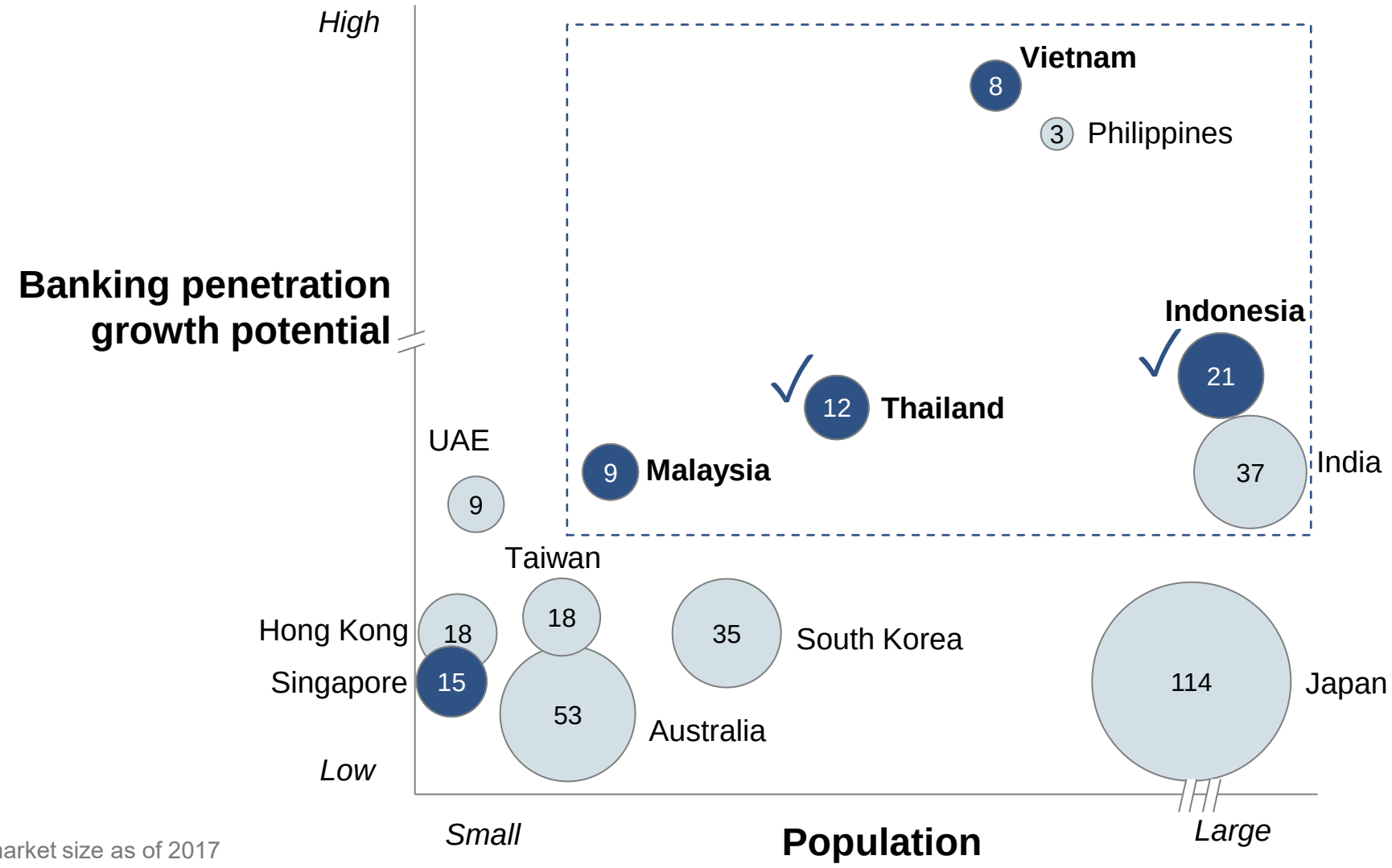
Strong retail presence in high potential regional markets

2019 retail banking pool sizes

USD b

Denotes UOB's core markets in Southeast Asia

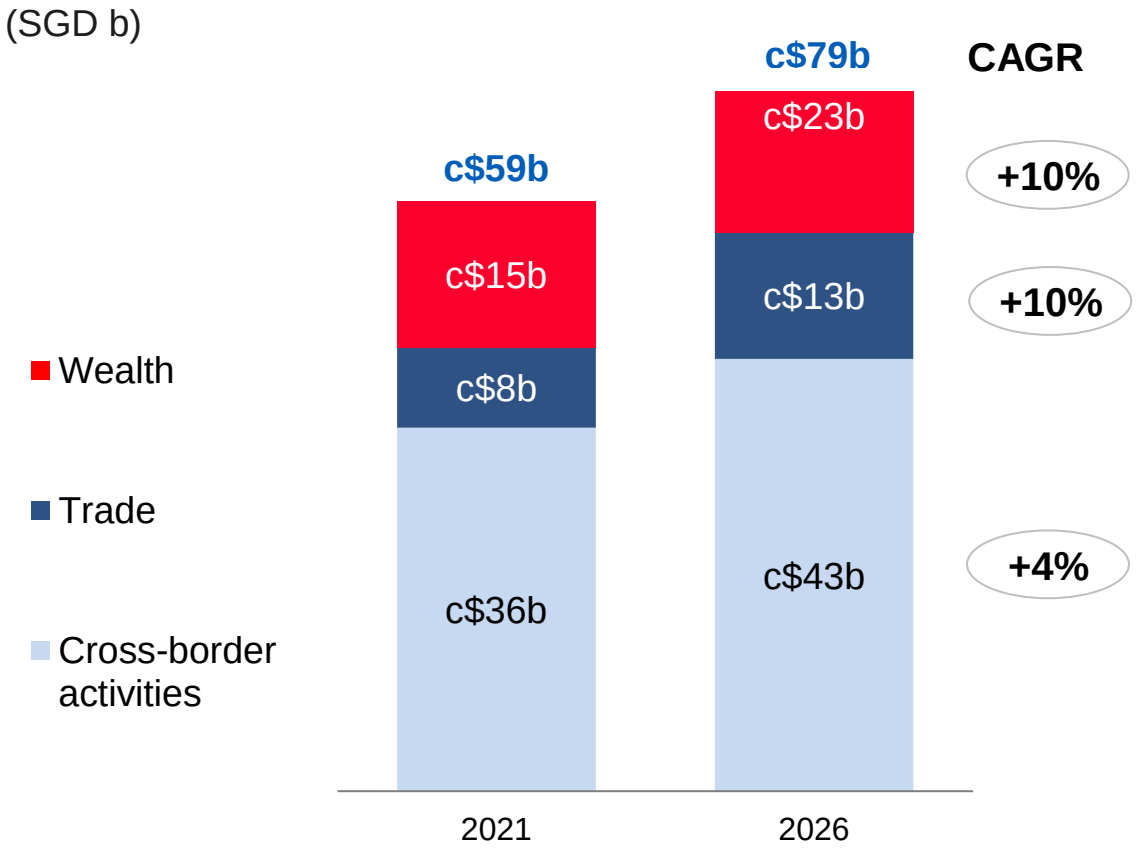
✓ TMRW by UOB *was launched in Thailand (March 2019) and Indonesia (August 2020)*



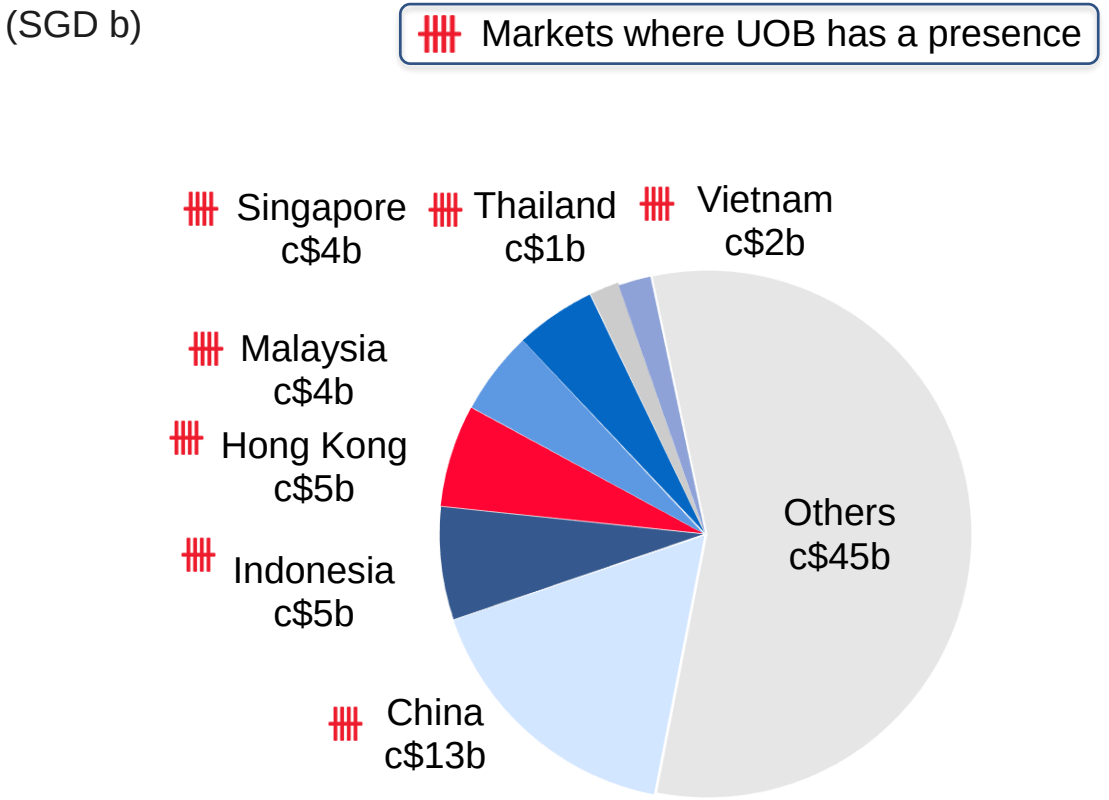
Note: UAE and Japan's retail banking market size as of 2017
Source: BCG banking pools (2019), World Bank (2017)

Revenue potential from ‘connecting the dots’ in the region

Industry’s potential connectivity revenue



Industry’s potential connectivity revenue (2026)



Note: ‘*Trade*’ and ‘*cross-border activities*’ capture both inbound and outbound flows of Southeast Asia, with ‘*trade*’ comprising exports and imports while ‘*cross-border activities*’ comprising foreign direct investments and M&A. ‘*Wealth*’ captures offshore and onshore assets booked in Singapore as a wealth hub. Incorporating BCG analysis, these are converted into banking revenue potential

Source: Boston Consulting Group’s analysis, Boston Consulting Group Global Banking Revenue pool

Consumers

- Tapping on rising affluence and growing digitalisation in Southeast Asia

Scale Acquisition with Digital

Scale UOB TMRW across ASEAN to digitally acquire at low cost

>7m
Retail customers, 78% are digitally enabled

+47%
Year on year increase of new-to-bank customers acquired vs 1H22, 56% digitally acquired

Deepen Engagement with Eco-system Partnerships

Leverage combined regional franchise in growing the number of multi-markets partnerships to drive customer engagement and lifetime value

45
Strategic multi-markets partnerships to cater for our customers growing lifestyle needs

+51%
Year on year growth in credit card fees in 1H23

Leverage data insights to drive Omni-channel Offerings

Embrace data insights to digitalise customer experiences & processes; repurpose branches for more advisory needs

S$165b
Assets under management (AUM)[1,2]
▲ 19% YoY

~2x
Higher average revenue generation by omni-channel customers vs other customers

1. Of which 59% are from customers overseas. 2. Refers to Privilege Banking, Privilege Reserve and Private Bank.

Wholesale customers

- Growing regional franchise, capturing cross-border opportunities

Strengthening Connectivity

Across our ASEAN footprint and global network

+17%
Cross border income[1]; Formed 23% of GWB income

+35%
Suppliers and distributors[2] within Financial Supply Chain Management (FSCM) solution

Sector Specialisation

Building capabilities for greater diversification and risk mitigation

+28%
Income from Non-Real Estate & Hospitality and Non-FIG sectors[1]

+25%
Global Financial Institutions Group (FIG) income[1]

Deepening Digitalisation

For secure and efficient transactions

+103%
Cashless payments to businesses in the region[3]

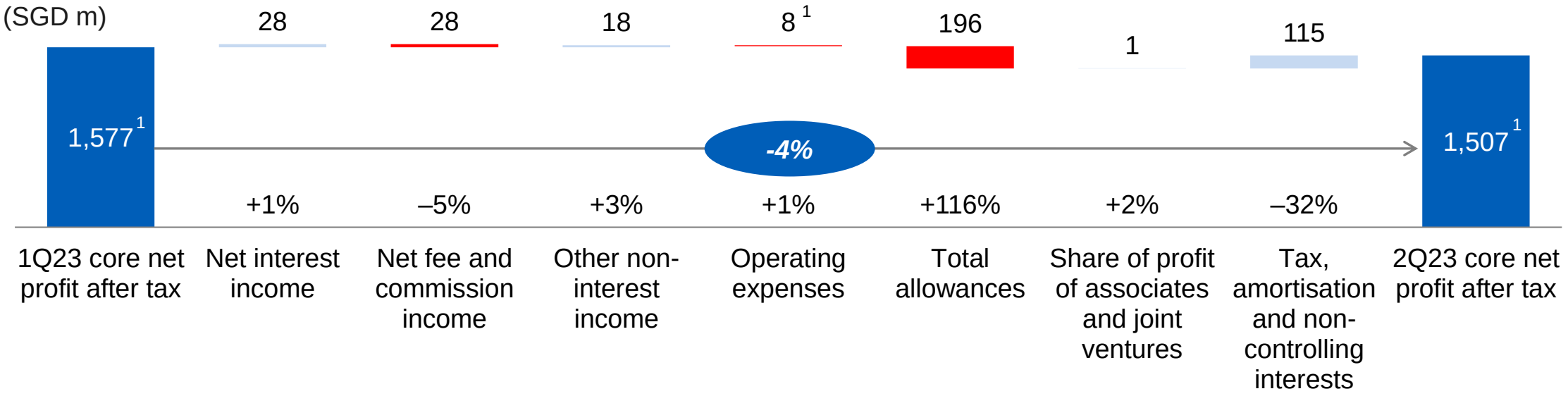
+8%
Digital banking transactions by businesses across the Group[4]

1. Year on year growth for May-23 YTD. 2. As of May-23. 3. 2Q23 YoY. Refers to payments made on Corporate PayNow, DuitNow and PromptPay in Singapore, Malaysia and Thailand. 4. 2Q23 YoY. Refers to digital banking transactions via UOB Infinity/BIBPlus

Appendix C: Latest Financials

2Q23 financial overview

Core Net Profit After Tax Movement, 2Q23 vs 1Q23



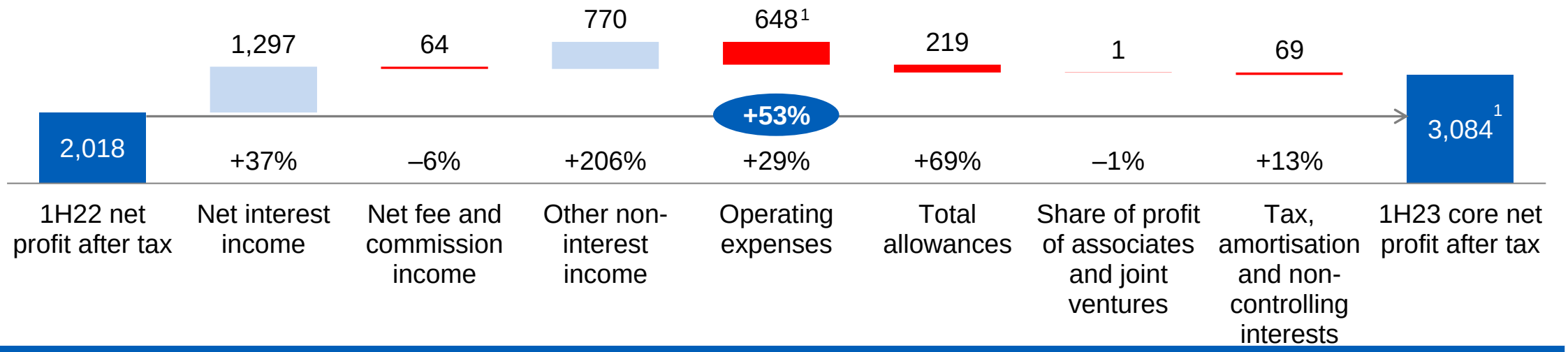
Key Indicators	2Q23	1Q23	QoQ Change	2Q22	YoY Change
Net interest margin (%) [2]	2.12	2.14	–0.02% pt	1.67	+0.45% pt
Non-interest income / Income (%)	31.2	31.6	–0.4% pt	31.1	+0.1% pt
Cost / Income ratio (%) [1]	40.9	40.9	–	43.8	–2.9% pt
Return on equity (%) [1, 2, 3]	14.1	14.9	–0.8% pt	11.0	+3.1% pt

1. Excluding one-off expenses
2. Computed on an annualised basis
3. Calculated based on profit attributable to equity holders of the Bank, net of perpetual capital securities distributions

1H23 financial overview

Core Net Profit After Tax Movement, 1H23 vs 1H22

(SGD m)



Key Indicators	1H23	1H22	YoY Change
Net interest margin (%) [2]	2.13	1.63	+0.50% pt
Non-interest income / Income (%)	31.4	29.9	+1.5% pt
Cost / Income ratio (%) [1]	40.9	44.3	–3.4% pt
Return on equity (%) [1, 2, 3]	14.5	9.9	+4.6% pt

1. Excluding one-off expenses
2. Computed on an annualised basis
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Performance by Geography

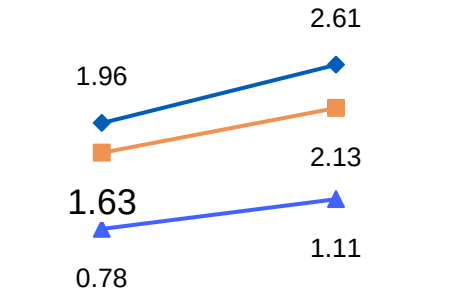
- 1H23 Core operating profit surged to $4.2b
- ASEAN-4 benefited from Citi consolidation
- Overseas contribution at 42% to Group operating profit

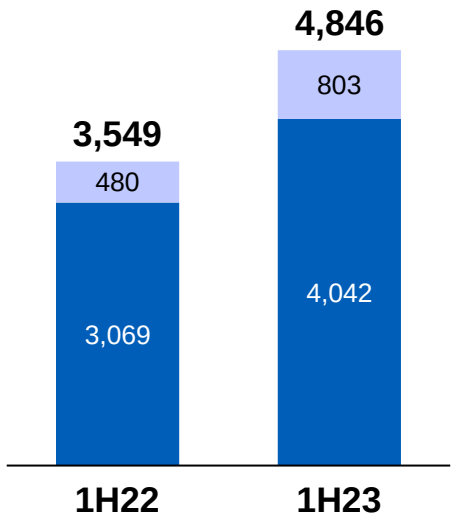
Core operating profit [1]	1H23 $m	1H22 $m	YoY +/(-)%	2Q23 $m	1Q23 $m	QoQ +/(-)%
Singapore	**2,418**	1,542	57	**1,184**	1,233	(4)
ASEAN-4	**911**	635	43	**446**	465	(4)
Malaysia	**412**	333	24	**188**	224	(16)
Thailand	**364**	193	89	**193**	171	13
Indonesia	**122**	104	17	**57**	64	(11)
Vietnam	**14**	5	>100	**8**	6	46
North Asia	**343**	320	7	**190**	153	24
Greater China	**310**	295	5	**172**	137	26
Others	**33**	24	35	**17**	16	9
Rest of the world	**505**	323	57	**273**	232	18
Total	**4,177**	2,820	48	**2,093**	2,083	0
Overseas contribution (%) [1]	**42.1**	45.3	(3.2)	**43.4**	40.8	2.6

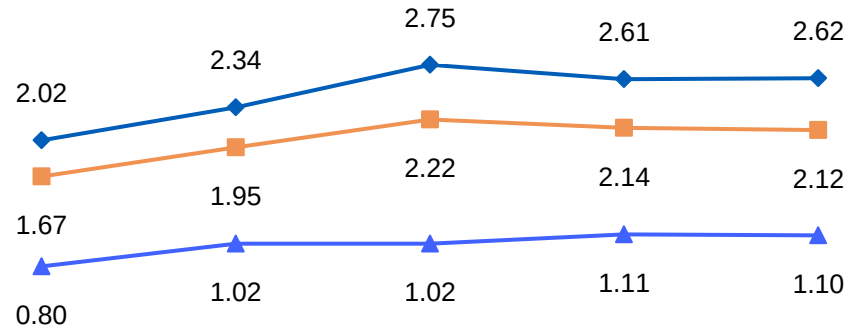
(1) Excluding one-off expenses

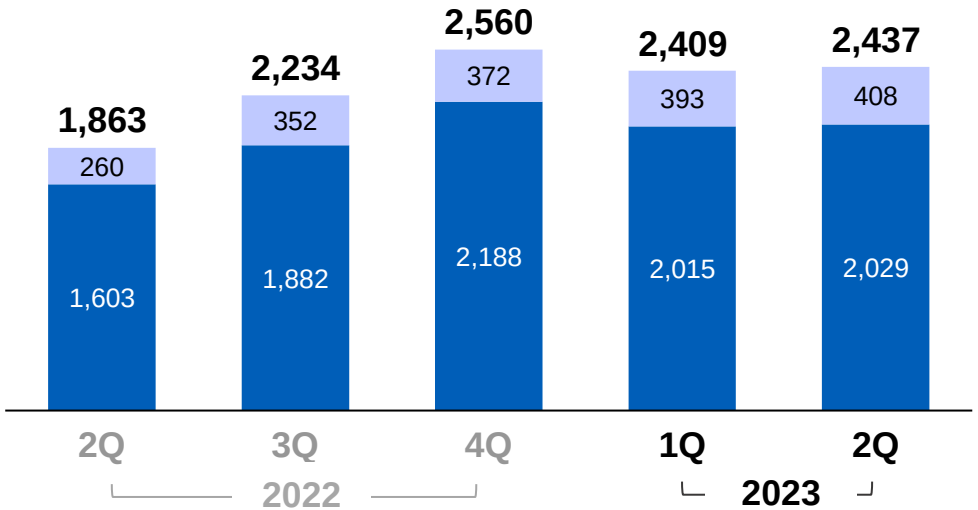
Net Interest Income and Margin

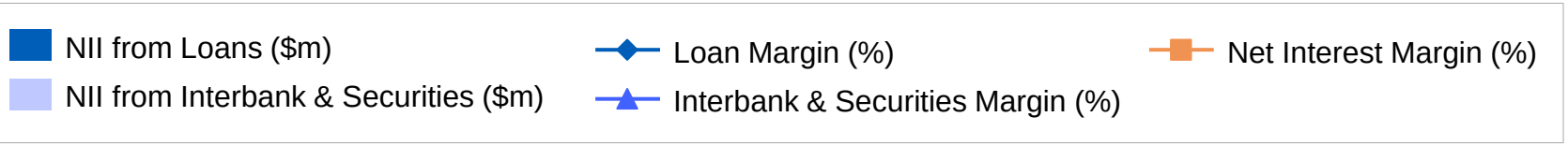
- NII rose 1% QoQ from longer calendar quarter
- Slight moderation in 2Q23 NIM due to excess liquidity deployed to high quality assets





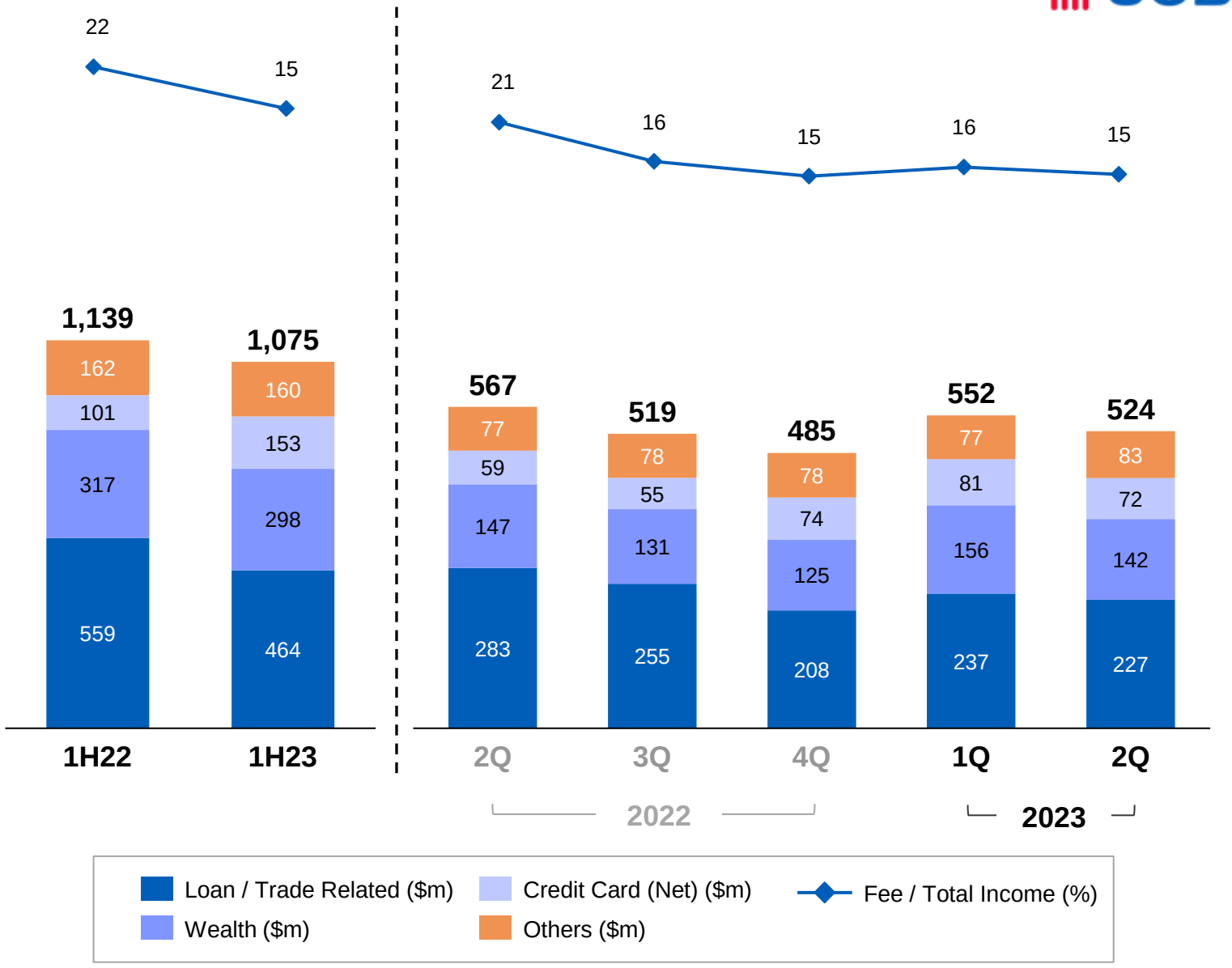






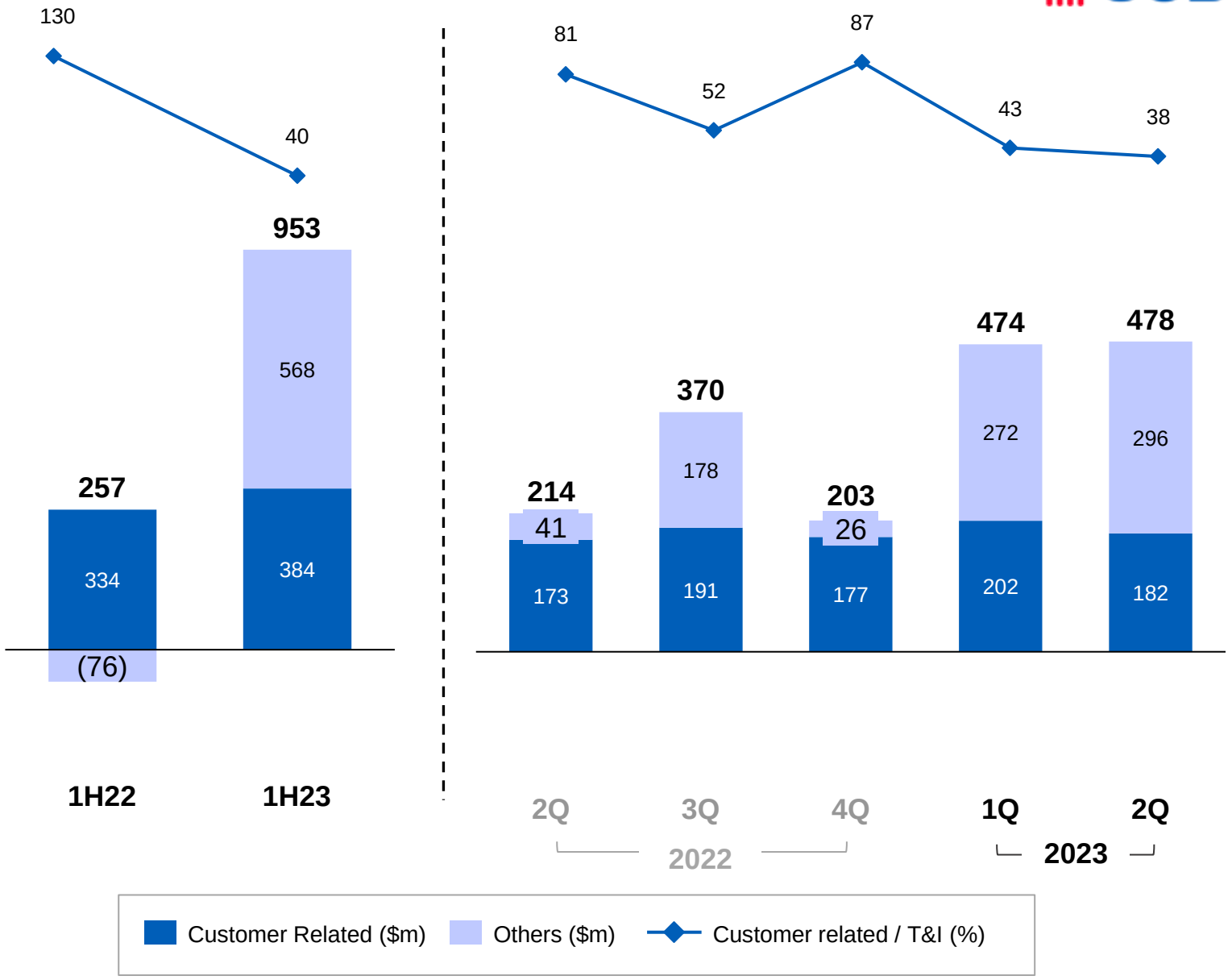
Fee Income

- Net fee income eased 5% QoQ
- Loan / trade related fees declined on softer lending activities
- Wealth fees recovery hampered by cautious investor sentiments
- Credit card fees sustained momentum after excluding last quarter one-off adjustment on rebates



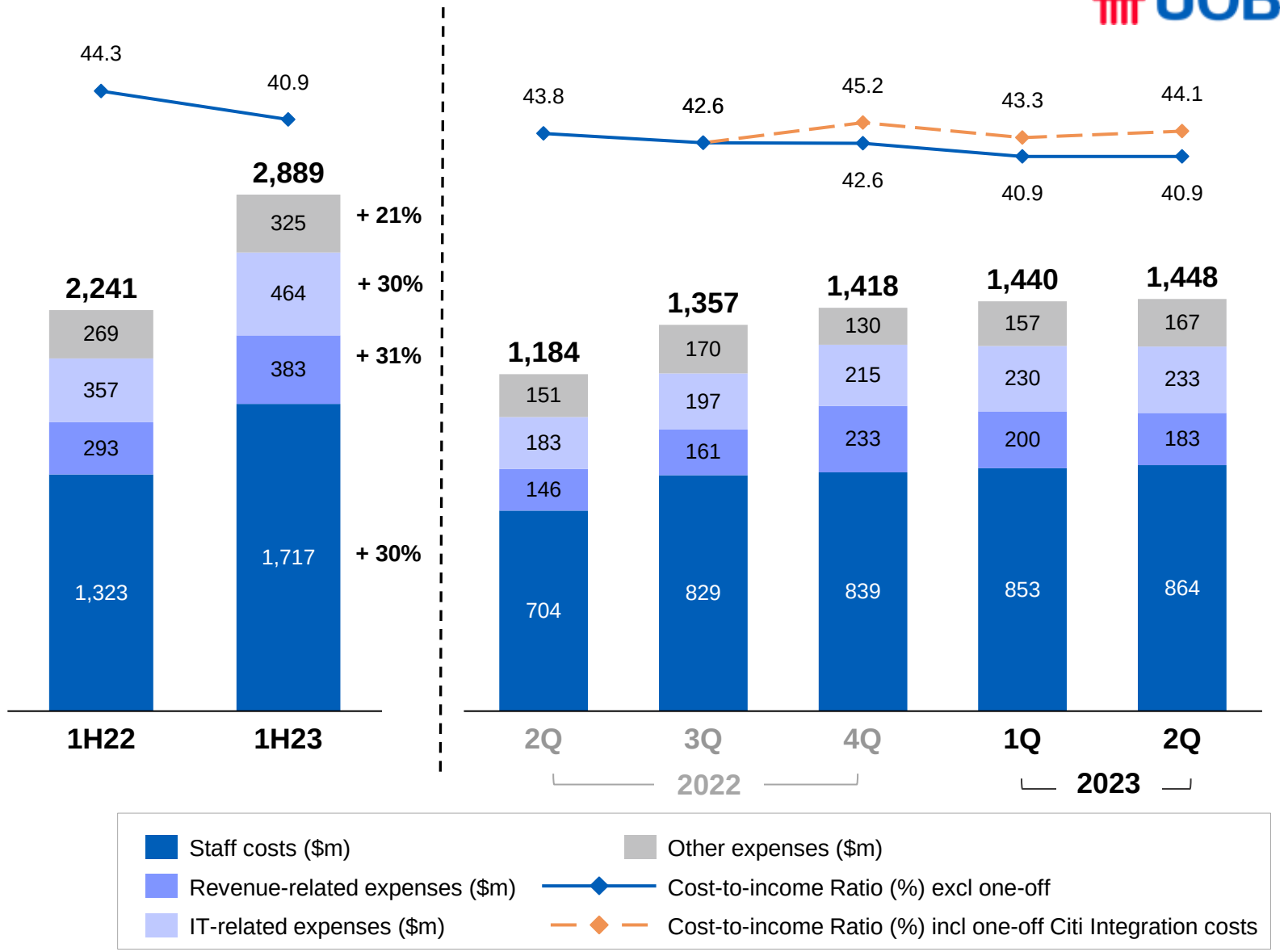
Trading & Investment Income

- Another record quarter for T&I
- Resilient customer-related treasury income, supported by hedging demands
- Good performance from trading and liquidity management activities



Core Expenses and Cost / Income Ratio (1)

- CIR unchanged at 40.9% on the back of disciplined spending
- Continued focus on investments to enhance capabilities to drive strategic initiatives



(1) Excluding one-off expenses

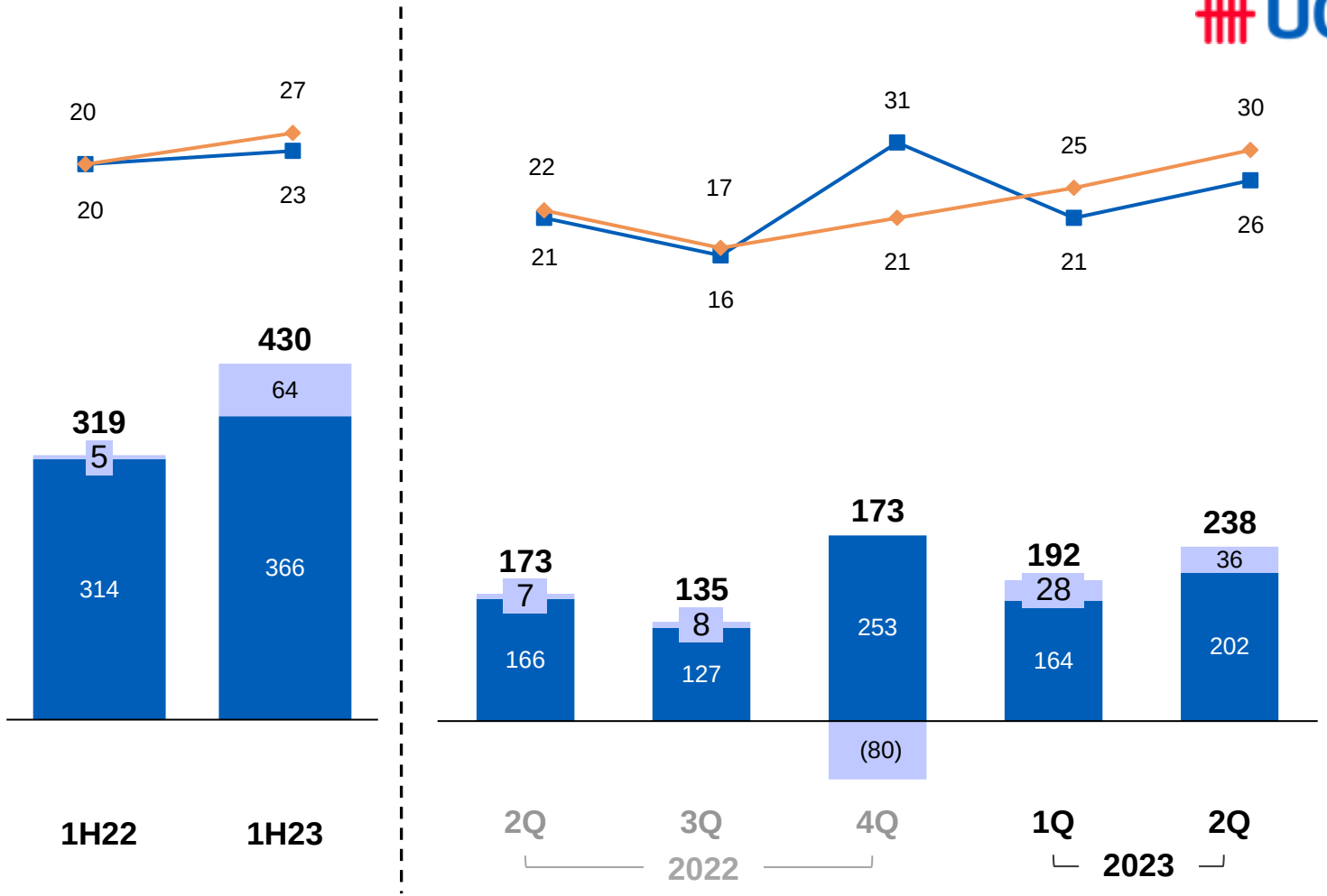
Non-Performing Assets

- Asset quality remained resilient and portfolio well-collateralized with SP/NPA stable at 33%

($m)	2022 2Q	2022 3Q	2022 4Q	2023 1Q	2023 2Q
NPAs at start of period	5,289	5,422	5,037	5,127	5,150
Non-individuals					
New NPAs	661	214	395	301	364
Less:					
Upgrades and recoveries	363	448	322	80	137
Write-offs	123	60	121	218	65
	5,464	5,128	4,989	5,130	5,312
Individuals	(42)	(91)	(27)	13	(120)
NPAs at end of period	5,422	5,037	4,962	5,143	5,192
Add: Citi acquisition	-	-	165	7	-
NPAs at end of period including Citi	5,422	5,037	5,127	5,150	5,192
NPL Ratio (%)	1.7	1.5	1.6	1.6	**1.6**
Specific allowance/NPA (%)	30	33	34	32	**33**

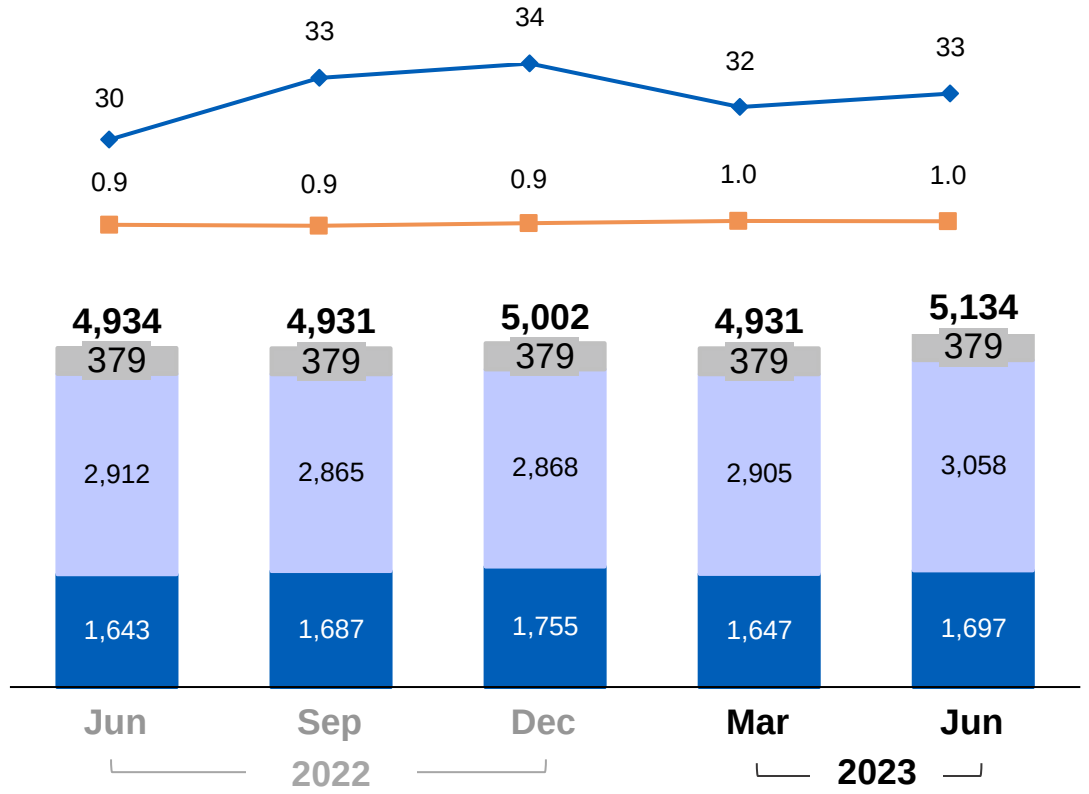
Total Allowance on Loans

- Specific allowance higher this quarter largely due to a major Thailand corporate account
- Pre-emptive general allowance set aside to maintain prudent provisioning level; total credit costs on loans increased to 30bp for 2Q23



Allowance Coverage

- Adequate reserve buffer with prudent coverage for performing loans at 1.0%
- NPA coverage stable at 99% or 209% taking collateral into account



	Jun 2022	Sep 2022	Dec 2022	Mar 2023	Jun 2023
NPA coverage (%) (2)	91	98	98	96	**99**
Unsecured NPA coverage (%) (2)	185	207	207	212	**209**

General allowance on loans include RLAR/Performing loans (%) — Specific allowance/NPA (%)

Specific allowance ($m) — General allowance ($m) — RLAR ($m)(1)

Notes:

(1) Regulatory loss allowance reserve (RLAR) is a non-distributable reserve appropriated through retained earnings to meet MAS Notice No. 612 Credit Files, Grading and Provisioning requirements.

(2) Includes RLAR as part of total allowance.

Gross Loans

- Loans grew 1% QoQ driven by Singapore, North Asia and developed markets
- YoY growth of 1% on constant currency basis

	Jun-23 $b	Mar-23 $b	Jun-22 $b	QoQ +/(-)%	YoY +/(-)%
Singapore	**156**	155	163	1	(4)
ASEAN-4	**68**	68	63	(1)	7
Malaysia	**32**	33	30	(3)	8
Thailand	**24**	24	21	(0)	15
Indonesia	**10**	10	11	0	(14)
Vietnam	**2**	2	2	3	21
North Asia	**55**	53	56	3	(1)
Greater China	**52**	50	53	4	(2)
Others	**4**	4	4	0	2
Rest of the world	**40**	39	39	3	3
Total	**319**	316	322	1	(1)
At constant FX basis	*319*	*316*	*316*	*1*	*1*

Note: Loans are classified based on where credit risks reside, represented by country of incorporation/operation for non-individuals and residence for individuals.

Total Funding

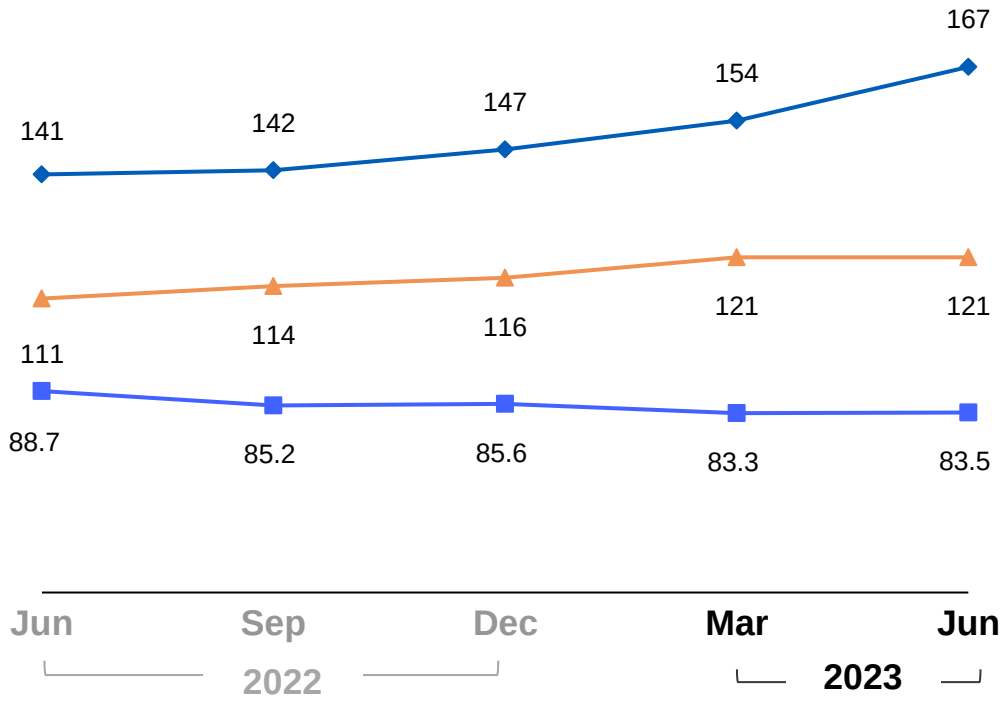
- Customer deposits up 1% QoQ, alongside stable CASA ratio at 47.6%

	Jun-23 $b	Mar-23 $b	Jun-22 $b	QoQ +/(-)%	YoY +/(-)%
Singapore	**261**	254	245	3	7
ASEAN-4	**70**	73	66	(4)	7
Malaysia	**34**	34	31	1	8
Thailand	**25**	26	22	(6)	11
Indonesia	**10**	11	11	(12)	(8)
Vietnam	**2**	2	2	(3)	18
North Asia	**22**	22	22	(1)	1
Greater China	**22**	22	22	(1)	(0)
Others	**0**	0	0	(1)	>100
Rest of the world	**24**	25	26	(6)	(7)
Total Customer Deposits	**377**	374	358	1	5
Wholesale funding [(1)]	**61**	60	74	0	(18)
Total funding	**437**	435	432	1	1
CASA/Deposit Ratio (%)	**47.6**	47.9	54.7	(0.3)	(7.1)

Note:
(1) Comprising debt issuances, perpetual capital securities and interbank liabilities.

Liquidity Ratios

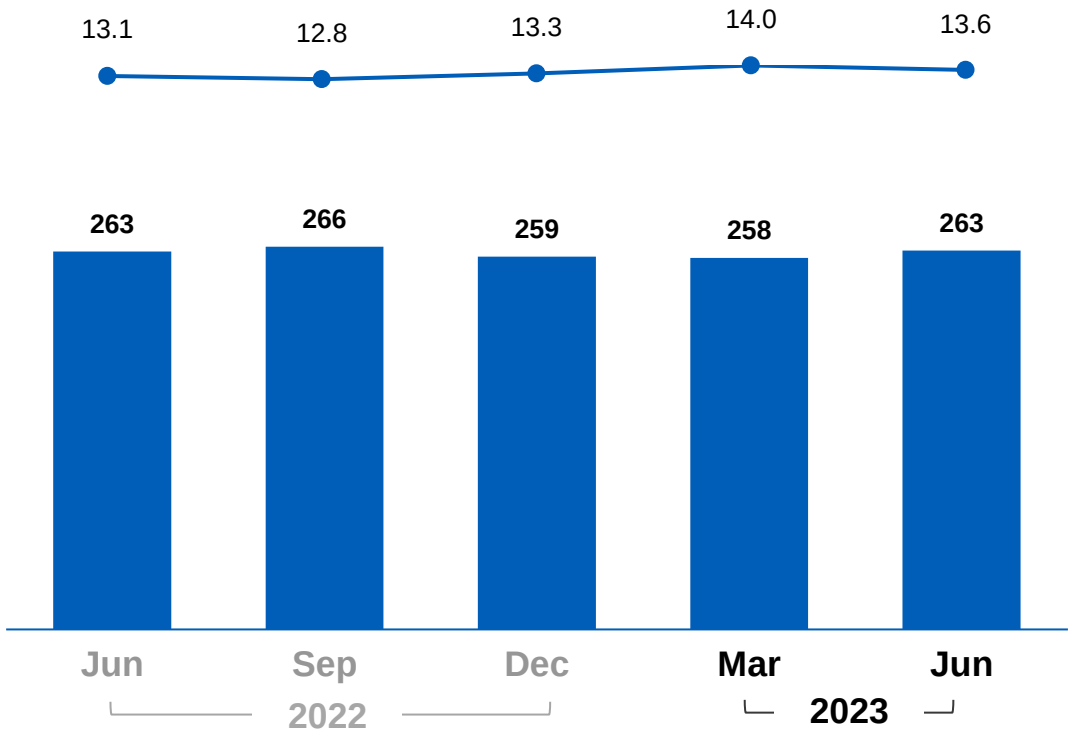
- Funding and liquidity positions remained strong with LCR at 167% and NSFR at 121%



USD LDR (%)	**72.3**	**64.2**	**60.0**	**60.7**	**62.9**

Capital

- CET1 ratio steady at 13.6%

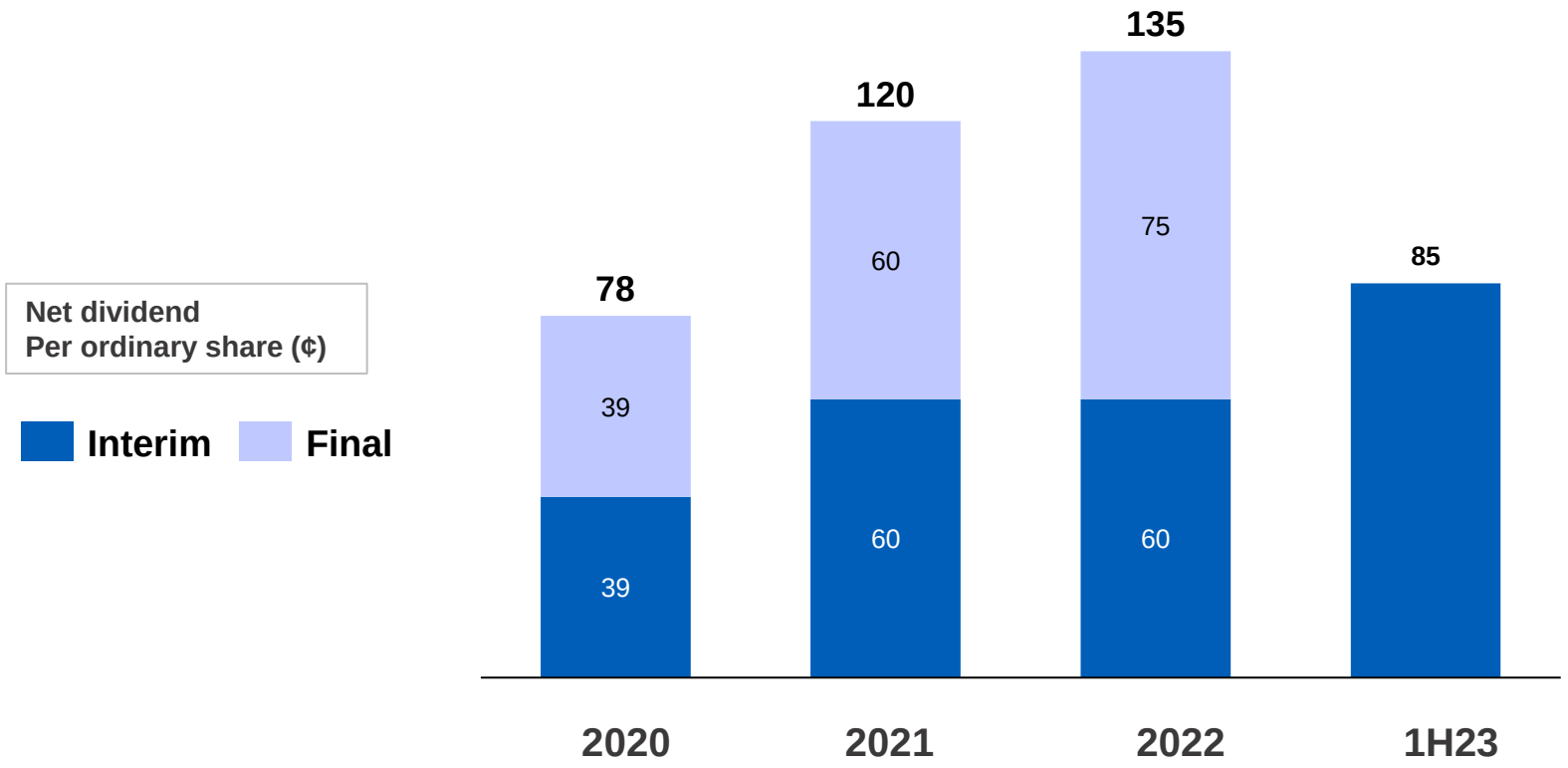


Leverage ratio (%)	**6.6**	**6.4**	**6.6**	**7.0**	**7.0**

RWA ($b) CET1 ratio (%)

Dividends

- Committed to consistent and sustainable returns to shareholders
- Interim dividend of 85 cents per share



	2020	2021	2022	1H23
Payout amount ($m)	1,304	2,011	2,263	1,424
Payout ratio (%)	45 ^	49	49	49

^ *Dividend for 2020 is in line with Monetary Authority of Singapore's call for banks to cap the total dividends per share (DPS) at 60% of 2019's DPS.*



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