

### **Banking Sector**

# Robust business conditions will drive stronger asset quality and profits in 2025

In 2025, we expect the credit fundamentals for banks in Vietnam to improve modestly following the recovery trend in 2H2024, led by State-owned banks (SOBs) and several large banks. Various government policies implemented to support economic growth and resolve industry bottlenecks will drive business activities in the key sectors that banks lend to, such as manufacturing, trade, construction, and real estate. Sector problem loan formation will continue to decline gradually as borrower debt serviceability improves. Higher net interest margin (NIM) and lower credit costs will support profit improvements and stable capital. Sector funding and liquid resources will remain stable and sufficient to support credit growth.

Sector problem loan formation will decline gradually as borrower debt serviceability improves amid stronger operating conditions. Higher public investment, resilient foreign direct investment (FDI) inflow and trade surplus, and continued efforts by the authorities to resolve legal issues will drive domestic business expansion and improve operating cash flows for corporate borrowers over the course of 2025. Retail borrowers' repayment capabilities will also gradually improve as their business and employment income stabilize and real estate asset values recover. We expect the sector problem loan ratio to decline to 2.2% in 2025 from 2.3% in 2024, led by SOBs and several large banks with prudent lending practices and limited exposure to distressed developers. Several small and mid-sized banks continue to face issues linked to mortgages for speculative projects. Looking ahead, governance risks will continue to weigh on banks' asset quality, as their close linkages to corporate groups – mostly in the real estate sector – heighten their operational risks and vulnerability to large corporate events.

**Sector profitability will improve marginally from higher NIMs and lower credit costs.** We expect the sector return on average assets (ROAA) to increase slightly to 1.60% in 2025 from 1.55% in 2024, alongside strong credit growth of 15-16% for 2025. Robust demand for longer-term corporate and mortgage loans will allow banks to partially offset higher funding costs and record higher NIMs by 5-10 bps to 3.5%. In addition, sector non-interest income will grow modestly from higher financial institution (FI) bond investments, debt recovery, and a pickup of bancassurance sales from the trough level. Credit costs will decline for SOBs and several large banks as asset quality improves. Meanwhile, small and a few mid-sized banks may face multiple challenges to lift profitability due to competition for loan and deposit growth.

Loss absorption buffer will remain broadly stable from marginal improvement in profits. We expect the sector capital level to be stable as profits and capital generation improve alongside asset growth. SOB's stock dividends and ongoing capital raising plans will improve their capital modestly. Banks will also issue higher subordinated bonds in 2025 through public offerings under new securities law to tap strong demand from retail investors. Sector loan loss coverage will improve modestly as problem loan formation slows. Some mid-sized and small banks continue to face profit challenges and will take longer time to increase their provisioning levels.

**Funding and liquid resources will remain stable from higher use of long-term bond funding and deposit growth.** As loan growth increases, we expect deposit competition to intensify, and small banks that rely heavily on short-term market funds and have weak liquid asset buffers will be vulnerable to higher funding costs and liquidity challenges. Meanwhile, SOBs and large banks have strong physical and digital networks to defend and grow low-cost deposits.

#### CONTACTS

Phan Duy Hung, CFA, MBA Director - Senior Analyst hung.phan@visrating.com

Nguyen Duc Huy, CFA Associate Analyst huy.nguyen@visrating.com

Simon Chen, CFA Head of Ratings & Research simon.chen@visrating.com



https://visrating.com

VIETNAM INVESTORS SERVICE AND CREDIT RATING AGENCY JOINT STOCK COMPANY

#### Exhibit 1: Banking Sector – Credit Outlook Improving for 2025 and key drivers

🛑 Imp	Improve 🜑 Stable 🛑 Deteriorate						
	Factors	Outlook	Key drivers				
>>>> >>>>	Operating Environment		<ul> <li>Higher public investment, resilient FDI inflow, trade surplus, and continued efforts by the authorities to resolve legal issues will drive domestic business expansion and improve operating cash flows for corporate borrowers over the course of 2025</li> <li>Higher interest rates and uneven recovery in real estate market could hinder the pace of recovery in business activities</li> </ul>				
	Asset Quality		<ul> <li>Lower sector problem loan ratio to 2.2% in 2025 from 2.3% in 2024, led by SOBs and several large banks</li> <li>Stronger domestic business expansion and operating cash flows for corporate borrowers in manufacturing, trade, construction, and real estate – the key sectors that banks lend to</li> <li>Retail borrowers' repayment capabilities will also gradually improve as their business and employment income stabilize and real estate asset values recover</li> <li>The impact of Circular 02 expiration on asset quality will be manageable as borrower debt serviceability strengthen</li> <li>Governance risks will continue to weigh on banks' asset quality, as their close linkages to corporate groups – mostly in the real estate sector</li> </ul>				
4	Profitability		<ul> <li>ROAA will increase slightly to 1.60% in 2025 from 1.55% in 2024, alongside strong credit growth of 15-16% for 2025</li> <li>Higher NIM by 5-10bps to 3.5% as robust demand for longer-term corporate and mortgage loans will allow banks to partially offset higher funding costs</li> <li>Non-interest income will grow modestly from higher FI bond investments, debt recovery, and a pickup of bancassurance sales from the trough level</li> <li>Credit costs will decline for SOBs and several large banks as asset quality improves</li> <li>Small and a few mid-sized banks may face multiple challenges to lift profitability due to competition for loan and deposit growth</li> </ul>				
Ì	Loss Absorption Buffer		<ul> <li>Sector capital level will be stable as profits and capital generation improve alongside asset growth</li> <li>SOBs' capital levels will improve modestly from stock dividends and ongoing capital raising plans</li> <li>Higher subordinated bonds in 2025 through public offerings under new securities law to tap strong demand from retail investors</li> <li>Some mid-sized and small banks continue to face profit challenges and will take longer time to increase their provisioning levels</li> </ul>				
	Funding & Liquid Resources		<ul> <li>Higher funding costs and liquidity challenges for small banks that rely heavily on short-term market funds and have weak liquid asset buffers amid intensified deposit competition</li> <li>SOBs and large banks have strong physical and digital networks to defend and grow low-cost deposits.</li> </ul>				

Source: VIS Rating

#### Exhibit 2: Key drivers of outlook changes

#### Negative Scenario

Drivers might lead to lower our expectations

- Slow public investment disbursement and real estate market recovery, and weaker trade and FDI activities
- Interest rate increases significantly amid currency pressure and sizable capital outflows
- Higher problem loan formation given weaker domestic conditions
- Lower ROAA amid narrower NIM and higher credit cost
- Lower loan loss absorption buffer due to slow profit growth
- Higher liquidity risk given sluggish deposit growth and increasing use of short-term market funds amid currency pressure



#### Key drivers of our outlook

- Higher public investment, resilient FDI inflow and trade surplus, and ongoing recovery of real estate market
- Slight increase in interest rates amid currency pressures
- Problem loan formation declines amid stronger operating conditions
- Higher ROAA from modest increase in NIM, and lower credit cost
- Stable loan loss absorption buffer given marginal improvement in profits
- Stable funding and liquid resources given higher use of long-term bond funding and deposit growth

#### **Positive Scenario**

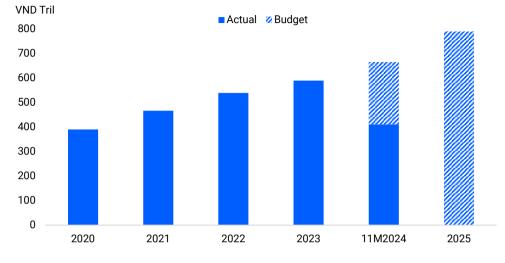
#### Drivers might lead to raise our expectations

- Stronger-than-expected public investment and real estate recovery, trade and FDI activities
- Lower interest rate from easing currency pressures
- Problem loan formation rate declines significantly from stronger-than-expected recovery of real estate market
- Higher ROAA from wider NIM and lower credit cost amid stronger recovery of mortgages and low interest rates
- Loan loss absorption buffer improves given stronger profit growth and asset quality improvement
- Funding and liquid resources improve given stronger CASA deposits amid corporates' cash flow recovery

Source: VIS Rating

#### Gradually improving domestic operating environment

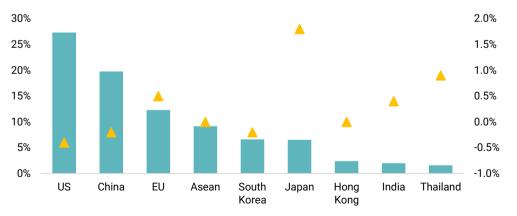
### Exhibit 3: Higher public investment in long-term infrastructure projects will boost demand for capital expenditures and domestic business expansion



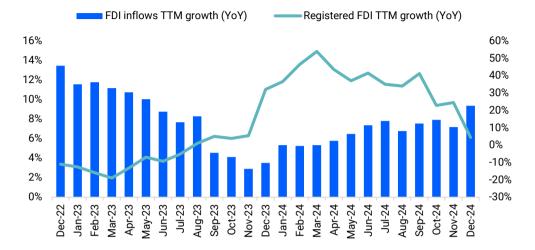
Source: Ministry of Construction, VIS Rating

#### Exhibit 5: Improving consumer demand in key export markets given resilient economic growth

■ %total export of Vietnam - LHS 🔺 Change of real GDP growth forecast 2025 vs 2024 - RHS

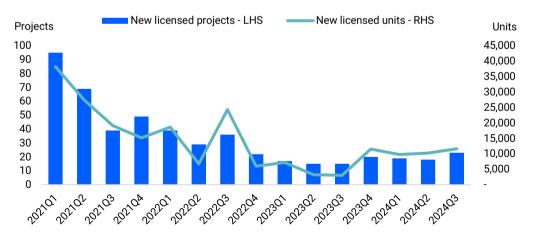


Source: Organization for Economic Cooperation and Development (OECD), GSO, VIS Rating



Note: TTM: Trailing for twelve months. YoY: Year-over-year Source: General Statistic Office of Vietnam (GSO), VIS Rating

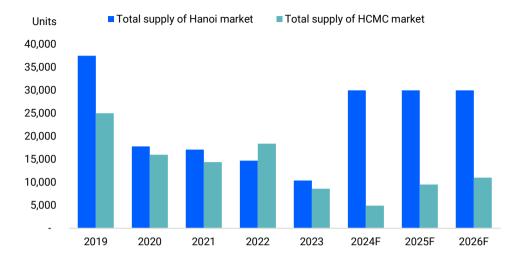
### Exhibit 6: The authorities' efforts to resolve legal issues will restart developers' project pipeline and improve their operating cash flows



Source: Ministry of Construction, VIS Rating

#### Exhibit 4: Resilient FDI inflows will drive robust manufacturing and trade activities

### Exhibit 7: Gradually improve homebuyers' sentiment and new housing sales, particularly in the Southern market



Source: CBRE, VIS Rating

#### Exhibit 9: ...and higher deposit rates

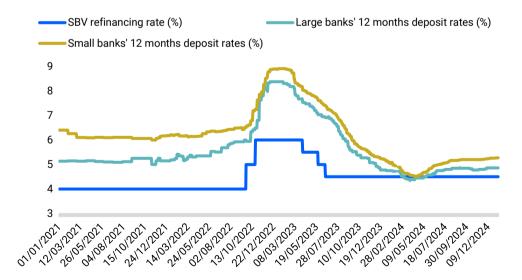
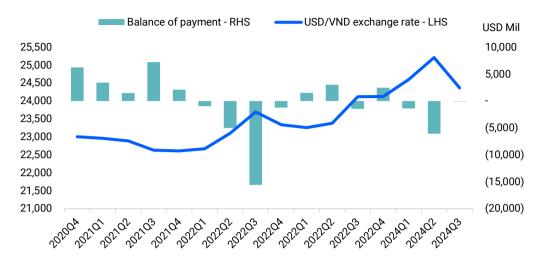
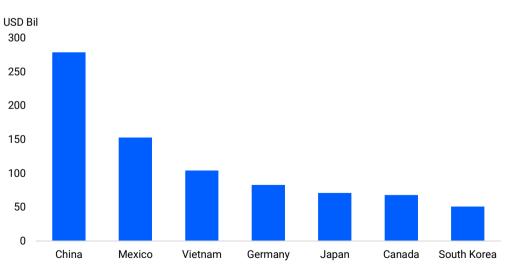


Exhibit 8: Ongoing currency pressures might increase capital outflows...



Source: The State Bank of Vietnam (SBV), VIS Rating

### Exhibit 10: Uncertainties over the US's higher tariffs as Vietnam were in the top 3 trade surplus as of 2023

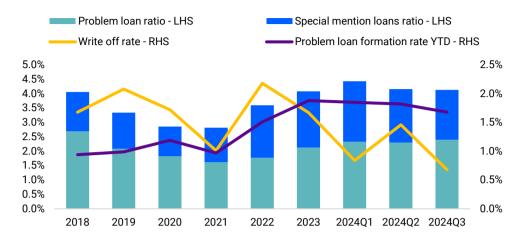


Source: United States International Trade Commission, VIS Rating

Source: SBV, VIS Rating

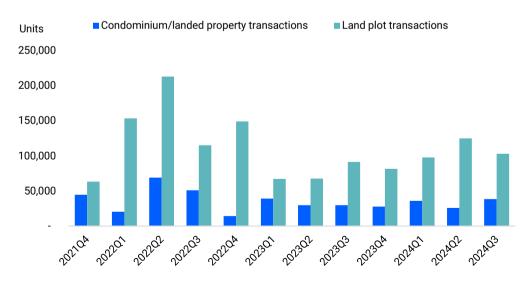
#### Sector problem loan formation will decline gradually as borrower debt serviceability improves amid stronger operating conditions

### Exhibit 11: Sector problem loan formation will decline as borrowers' debt serviceability improves

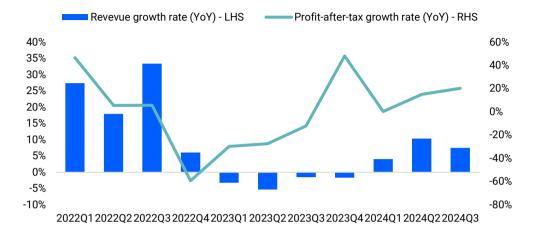


Note: Sector numbers include 27 listed banks. YTD: Year-to-date Source: Bank data, VIS Rating

### Exhibit 13: Retail borrowers' repayment capabilities will improve from the recovery of real estate asset values and transactions

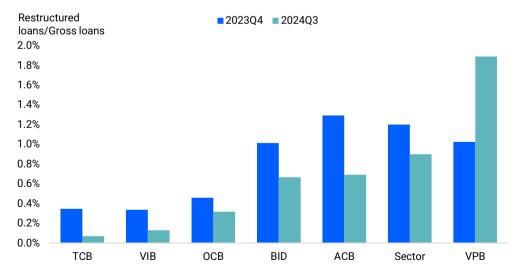


Source: Ministry of Construction, VIS Rating



Note: Data includes all listed companies Source: Company data, VIS Rating

### Exhibit 14: Limited impact on banks' asset quality following expiration of Circular 02, except for banks exposed to distressed real estate developers

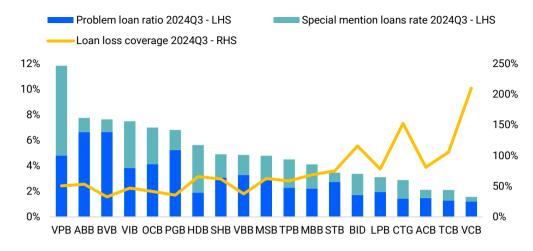


Source: Bank data, VIS Rating

### Exhibit 12: Improving corporates' operating cash flows amid stronger operating conditions

This publication does not announce a credit rating action

#### Exhibit 15: SOB and several large banks will lead the recovery given prudent lending practice and limited exposure to distressed developers

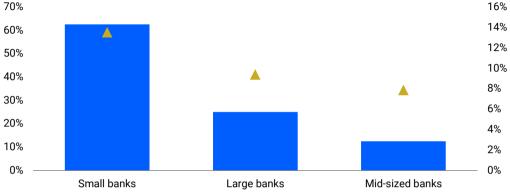


Note: Refer to the Appendix for full name of banks Source: Bank data, VIS Rating

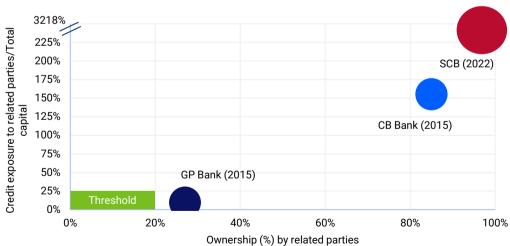
#### Exhibit 17: Banks' close linkage to real estate-related corporate groups will heighten their Exhibit 18: Recent incidents highlight the risks stemming from related party activities operational risks and vulnerability to large corporate failures



■ % of banks with weak asset risk - LHS AY average problem loan ratio (2021-2023) - RHS 70%



Note: Refer to the Appendix for classification of banks Source: Bank data, VIS Rating



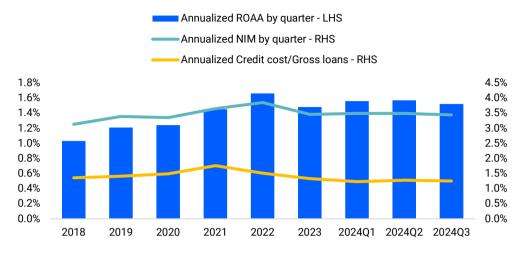
Note: Data includes total assets of connected corporates Sector numbers include 24 privately-owned commercial banks Source: Bank data, VIS Rating

Source: Bank data, VIS Rating

#### Exhibit 16: Small banks will take longer time to address asset quality issues

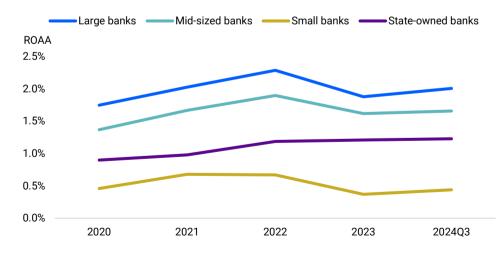
#### Sector profitability will improve marginally from higher NIM and lower credit costs

### Exhibit 19: Sector ROAA will improve marginally given modest improvement in NIM and lower credit costs

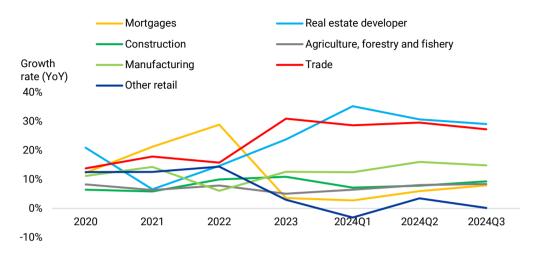


Note: Sector numbers include 27 listed banks. YTD: Year-to-date Source: Bank data, VIS Rating

#### Exhibit 21: SOBs and large private banks will lead the sector's profit growth...

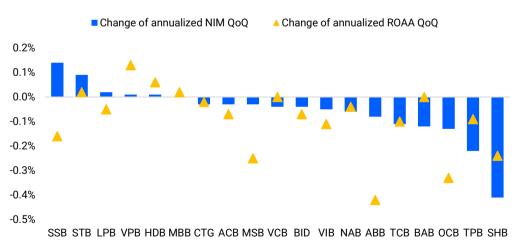


Note: Refer to Appendix for the classification of banks Source: Bank data, VIS Rating Exhibit 20: Robust demand for longer-term corporate and mortgage loans will allow banks to partially offset higher funding costs



Source: SBV, VIS Rating

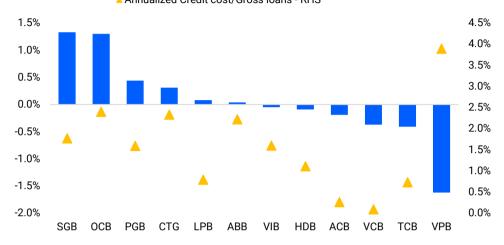
#### Exhibit 22: ...from higher NIM amid stronger credit growth and resilient funding costs



Note: Refer to Appendix for the full name of banks. QoQ: Quarter-over-quarter Source: Bank data, VIS Rating

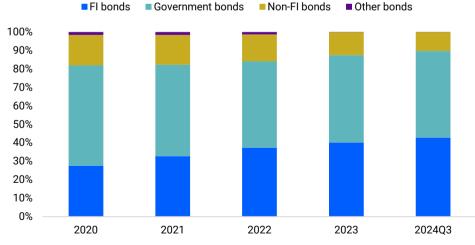
### Exhibit 23: Credit costs will decline for SOBs and several large banks as asset quality improves

Change of annualized Credit cost/Gross loans QoQ - LHS
 Annualized Credit cost/Gross loans - RHS



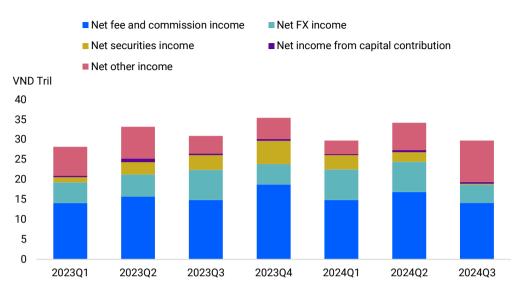
Note: Refer to Appendix for the full name of banks Source: Bank data, VIS Rating

#### Exhibit 25: Banks' gradually shift to FI bond investment will improve earning stability



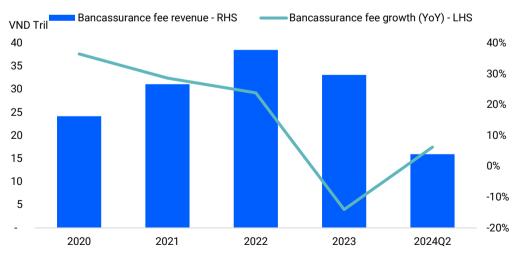
Note: Sector numbers include 27 listed banks Source: Bank data, VIS Rating

### Exhibit 24: Non-interest income will grow modestly from higher FI bond investments, debt recovery, and a pickup of bancassurance sales



Note: Sector numbers include 27 listed banks Source: Bank data, VIS Rating

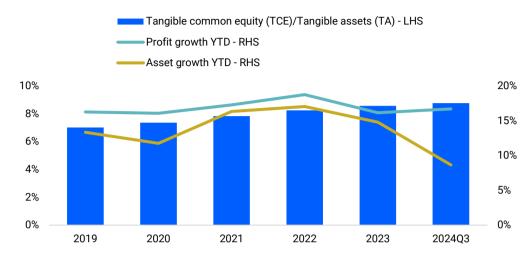
#### Exhibit 26: Bancassurance sales will gradually pick up from the trough level



Note: Bancassurance income data was based on published financial statement of 19 listed banks Source: Bank data, VIS Rating

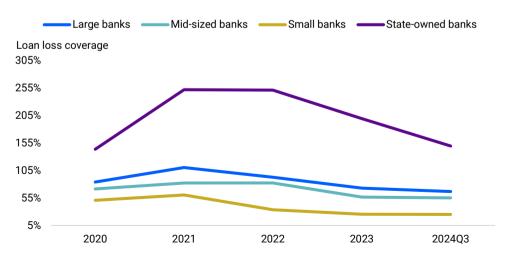
#### Loss absorption buffer will remain broadly stable from marginal improvement in profits

## Exhibit 27: Stable capital level as profits and capital generation improves alongside asset growth



Note: Sector numbers include 27 listed banks Source: Bank data, VIS Rating

### Exhibit 29: Mid-sized and small banks will face profit challenges and take longer time to increase their provisioning levels



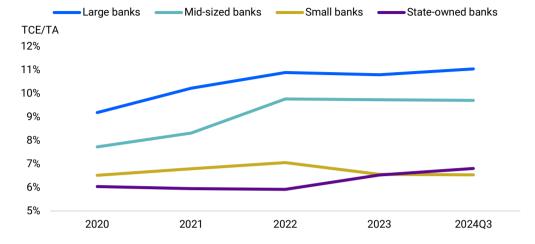
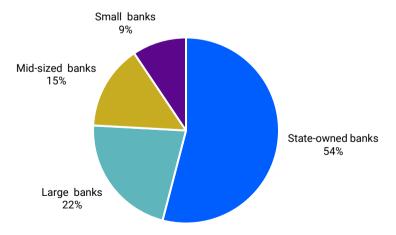


Exhibit 28: Stock dividends and ongoing capital raising plans will help improve SOBs' capital modestly

Note: Refer to Appendix for the classification of banks Source: Bank data, VIS Rating

### Exhibit 30: Banks will issue more subordinated bonds through public offerings to tap strong demand from retail investors



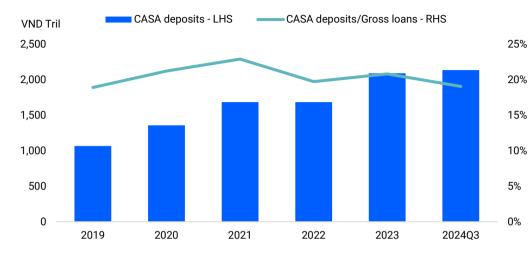
Note: Refer to Appendix for the classification of banks. Data include our forecast for subordinated bond issuance from 2025 to 2026 Source: Bank data, VIS Rating

Note: Refer to Appendix for the classification of banks Source: Bank data, VIS Rating

This publication does not announce a credit rating action

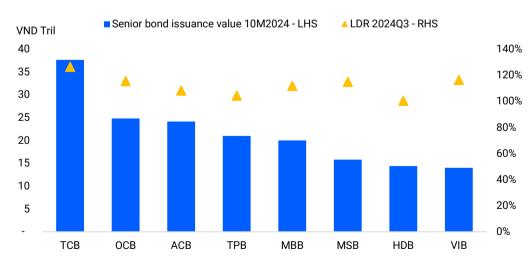
#### Funding and liquid resources will remain stable from higher use of long-term bond funding and deposit growth

Exhibit 31: Sector's CASA deposit over gross loans will decline slightly given higher term deposits growth to support stronger loan growth



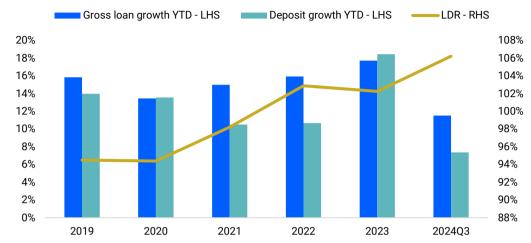
Note: Sector numbers include 27 listed banks Source: Bank data, VIS Rating

### Exhibit 33: Banks will increase long-term senior bond issuance to supplement stronger long-term loan growth



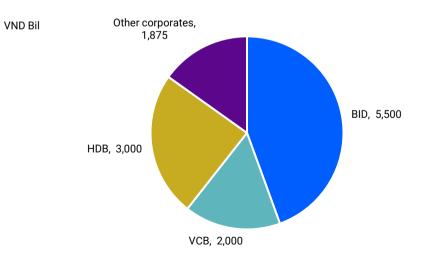
Note: Refer to Appendix for the full name of banks Source: Hanoi Stock Exchange (HNX), VIS Rating This publication does not announce a credit rating action

#### Exhibit 32: Sector loan-to-deposit ratio will remain stable



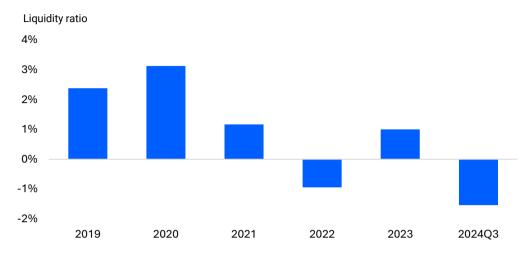
Note: Sector numbers include 27 listed banks LDR: Customer loan-to-customer deposit ratio Source: Bank data, VIS Rating

#### Exhibit 34: Banks led green and sustainability bond issuance in 2023-2024



Note: Refer to Appendix for the full name of banks. Data only captures green and sustainable bond issuance Source: Bank data, VIS Rating

### Exhibit 35: Sector liquidity will remain stable from long-term bond funding and higher deposit growth

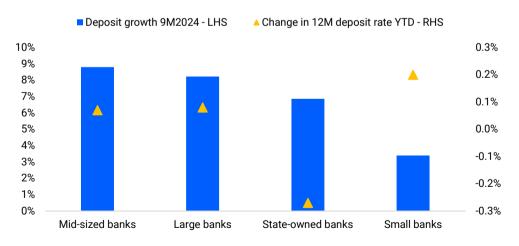


Note: Liquidity ratio equals high liquid assets minus market funds over total assets

High liquid assets include Cash, balances with the State Bank of Vietnam (SBV) and other credit institutions, Government bonds.

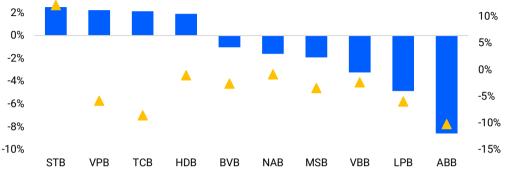
Market funds include Deposits and borrowings from SBV and other credit institutions, valuable papers issued Source: Bank data, VIS Rating

#### Exhibit 37: Small banks will face higher deposit costs amid deposit competition...



### Exhibit 36: Small banks are more vulnerable to liquidity challenges due to higher reliance on short-term market funds and weaker liquid asset buffers

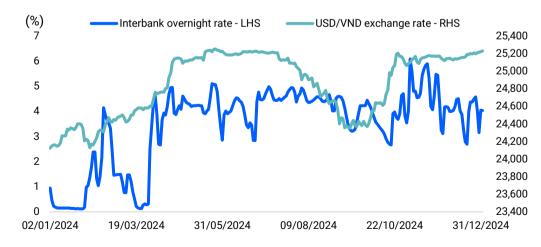




Note: Refer to Appendix for the full name of banks Source: Bank data, VIS Rating

#### Exhibit 38: ... and currency pressures

4%



Note: Refer to Appendix for the classification of banks Source: Bank data, VIS Rating

Source: SBV, VIS Rating

15%

#### **APPENDIX**

The banks included in our analysis are as follows:

	Short name	Full name	Classification
1	ABB	An Binh Commercial Joint Stock Bank	Small
2	ACB	Asia Commercial Joint-Stock Bank	Large
3	BAB	Bac A Commercial Joint Stock Bank	Small
4	BID	Joint Stock Commercial Bank for Investment and Development of Vietnam	State-owned
5	BVB	Viet Capital Commercial Joint Stock Bank	Small
6	CTG	Vietnam Joint-Stock Commercial Bank for Industry and Trade	State-owned
7	EIB	Vietnam Commercial Joint Stock Export Import Bank	Mid-sized
8	HDB	Ho Chi Minh City Development Joint Stock Commercial Bank	Large
9	KLB	Kien Long Commercial Joint Stock Bank	Small
10	LPB	Fortune Vietnam Joint Stock Commercial Bank	Mid-sized
11	MBB	Military Commercial Joint Stock Bank	Large
12	MSB	Vietnam Maritime Commercial Joint Stock Bank	Mid-sized
13	NAB	Nam A Commercial Joint Stock Bank	Mid-sized
14	NVB	National Citizen Commercial Joint Stock Bank	Small
15	OCB	Orient Commercial Joint Stock Bank	Mid-sized
16	PGB	Prosperity and Growth Commercial Joint Stock Bank	Small
17	SGB	Saigon Bank for Industry and Trade	Small
18	SHB	Saigon - Hanoi Commercial Joint Stock Bank	Large
19	SSB	Southeast Asia Commercial Joint Stock Bank	Mid-sized
20	STB	Saigon Thuong Tin Commercial Joint Stock Bank	Large
21	TCB	Vietnam Technological and Commercial Joint-Stock Bank	Large
22	TPB	Tien Phong Commercial Joint Stock Bank	Mid-sized
23	VAB	Vietnam Asia Commercial Joint Stock Bank	Small
24	VBB	Vietnam Thuong Tin Joint Stock Commercial Bank	Small
25	VCB	Joint Stock Commercial Bank for Foreign Trade of Vietnam	State-owned
26	VIB	Vietnam International Commercial Joint Stock Bank	Mid-sized
27	VPB	Vietnam Prosperity Joint Stock Commercial Bank	Large

© 2025 Vietnam Investors Service And Credit Rating Agency Joint Stock Company ("Công Ty Cổ Phần Xếp Hạng Tín Nhiệm Đầu Tư Việt Nam" in Vietnamese) ("VIS Rating"). All rights reserved .

CREDIT RATINGS ISSUED BY VIS RATING ARE OUR CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, DEBT OR FINANCIAL OBLIGATIONS, DEBT SECURITIES, PREFERRED SHARES OR OTHER FINANCIAL INSTRUMENTS OR OF ISSUER OF SUCH DEBTS OR FINANCIAL OBLIGATIONS, DEBT SECURITIES, PREFERRED SHARES OR OTHER FINANCIAL INSTRUMENTS IN VIETNAM AND MATERIALS, PRODUCTS, SERVICES AND INFORMATION PUBLISHED BY VIS RATING (COLLECTIVELY, "PUBLICATIONS") MAY INCLUDE SUCH CURRENT OPINIONS. VIS RATING DEFINES CREDIT RISK AS THE RISK THAT AN ENTITY MAY NOT MEET ITS CONTRACTUAL FINANCIAL OBLIGATIONS AS THEY COME DUE AND ANY ESTIMATED FINANCIAL LOSS IN THE EVENT OF DEFAULT OR IMPAIRMENT. SEE APPLICABLE VIS RATING'S RATING SYMBOLS AND DEFINITIONS PUBLICATION FOR INFORMATION ON THE TYPES OF CONTRACTUAL FINANCIAL OBLIGATIONS ADDRESSED BY VIS RATING'S CREDIT RATINGS. APART FROM FUNDAMENTAL RISKS NEEDED TO BE ASSESSED AS REQUIRED UNDER THE VIETNAMESE LAW (INCLUDING DECREE 88/2014 DATED 26 SEPTEMBER 2014 OF THE GOVERNMENT) ON CREDIT RATING SERVICES FROM TIME TO TIME, CREDIT RATINGS DO NOT ADDRESS ANY OTHER RISK, INCLUDING BUT NOT LIMITED TO: LIQUIDITY RISK, MARKET VALUE RISK, OR PRICE VOLATILITY. CREDIT RATINGS, NON-CREDIT ASSESSMENTS ("ASSESSMENTS"), AND OTHER OPINIONS INCLUDED IN VIS RATING'S PUBLICATIONS ARE NOT STATEMENTS OF CURRENT OR HISTORICAL FACT. VIS RATING'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS ARE FOR REFERENCES ONLY AND DO NOT CONSTITUTE OR PROVIDE INVESTMENT OR FINANCIAL ADVICE, AND VIS RATING'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS ARE NOT AND DO NOT PROVIDE RECOMMENDATIONS TO INVEST INTO, CONTRIBUTE CAPITAL, PURCHASE, SELL, OR HOLD PARTICULAR DEBT INSTRUMENTS OR FINANCIAL INSTRUMENTS. VIS RATING'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS DO NOT COMMENT ON THE SUITABILITY OF AN INVESTMENT FOR ANY PARTICULAR INVESTOR. VIS RATING ISSUES ITS CREDIT RATINGS, ASSESSMENTS AND OTHER OPINIONS AND PUBLISHES ITS PUBLICATIONS WITH THE EXPECTATION AND UNDERSTANDING THAT EACH INVESTOR WILL, WITH DUE CARE, MAKE ITS OWN STUDY AND EVALUATION OF EACH SECURITY OR DEBT INSTRUMENTS THAT IS UNDER CONSIDERATION FOR PURCHASE, HOLDING, OR SALE.

VIS RATING'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS, AND PUBLICATIONS ARE NOT INTENDED FOR USE BY NON-PROFESSIONAL INVESTORS AND IT WOULD BE RECKLESS AND INAPPROPRIATE FOR NON-PROFESSIONAL INVESTORS TO USE VIS RATING'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS OR PUBLICATIONS WHEN MAKING AN INVESTMENT DECISION. IF IN DOUBT YOU SHOULD CONTACT YOUR FINANCIAL OR OTHER PROFESSIONAL ADVISER.

ALL INFORMATION CONTAINED HEREIN (INCLUDING INFORMATION OF VIS RATING AND/OR THIRD PARTIES WHO LICENSE VIS RATING TO INCORPORATE THE INFORMATION HEREIN ("VIS RATING'S LICENSORS")) IS PROTECTED BY LAW, INCLUDING BUT NOT LIMITED TO, COPYRIGHT LAW, AND NONE OF SUCH INFORMATION MAY BE COPIED OR OTHERWISE REPRODUCED, REPACKAGED, FURTHER TRANSMITTED, TRANSFERRED, DISSEMINATED, REDISTRIBUTED OR RESOLD, OR STORED FOR SUBSEQUENT USE FOR ANY SUCH PURPOSE, IN WHOLE OR IN PART, IN ANY FORM OR MANNER OR BY ANY MEANS WHATSOEVER, BY ANY PERSON WITHOUT PRIOR WRITTEN CONSENT OF VIS RATING OR VIS RATING'S LICENSORS. VIS RATING'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS ARE NOT INTENDED FOR USE BY ANY PERSON AS A BENCHMARK AS THAT TERM IS DEFINED FOR REGULATORY PURPOSES AND MUST NOT BE USED IN ANY WAY THAT COULD RESULT IN THEM BEING CONSIDERED A BENCHMARK.

All information contained herein is obtained by VIS Rating from sources believed by it to be accurate and reliable. Because of the possibility of human or mechanical error as well as other factors, however, all information contained herein is provided "AS IS" without warranty of any kind. VIS Rating adopts all necessary measures so that the information it uses in assigning a credit rating is of sufficient quality and from sources VIS Rating considers to be reliable including, when appropriate, independent third-party sources. However, VIS Rating is not an auditor and cannot in every instance independently verify or validate information received in the rating process or in preparing its Publications.

To the extent permitted by law, VIS Rating and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability to any person or entity for any indirect, special, consequential, or incidental losses or damages whatsoever arising from or in connection with the information contained herein or the use of or inability to use any such information, even if VIS Rating or any of its directors, officers, employees, agents, representatives, licensors or suppliers is advised in advance of the possibility of such losses or damages, including but not limited to: (a) any loss of present or prospective profits or (b) any loss or damage arising where the relevant financial instrument is not the subject of a particular credit rating assigned by VIS Rating.

To the extent permitted by law, VIS Rating and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability for any direct or compensatory losses or damages caused to any person or entity, including but not limited to by any negligence (but excluding fraud, willful misconduct or any other type of liability that, for the avoidance of doubt, by law cannot be excluded) on the part of, or any contingency within or beyond the control of, VIS Rating or any of its directors, officers, employees, agents, representatives, licensors or suppliers, arising from or in connection with the information contained herein or the use of or inability to use any such information.

NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE ACCURACY, TIMELINESS, COMPLETENESS, MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OF ANY CREDIT RATING, ASSESSMENT, OTHER OPINION OR INFORMATION IS GIVEN OR MADE BY VIS RATING IN ANY FORM OR MANNER WHATSOEVER.

VIS RATING MAY MAKE MODIFICATIONS AND/OR CHANGES TO ITS PUBLICATION AT ANY TIME, FOR ANY REASON. HOWEVER, VIS RATING UNDERTAKES NO OBLIGATION (NOR DOES IT INTEND) TO PUBLICLY SUPPLEMENT, UPDATE OR REVISE ITS PUBLICATION ON A GOING-FORWARD BASIS. YOU ASSUME THE SOLE RISK OF MAKING USE OF AND/OR RELYING ON VIS RATING'S ASSESSMENTS, OTHER OPINIONS AND PUBLICATION.

VIS Rating maintains policies and procedures to address the independence of VIS Rating's credit ratings and credit rating processes. Information regarding, among others, entities holding more than 5% of the contributed charter capital of VIS Rating, any change to the shareholding ratios of entities holding more than 5% of the contributed charter capital of VIS Rating service charge accounting for over 5% of VIS Rating's total revenue from credit rating activities in the fiscal year prior to the time of information disclosure, are posted at <a href="https://visrating.com/">https://visrating.com/</a> under the heading "Corporate Disclosure".



**Empowering Better Decisions**