Basel III Pillar 3 Disclosures

December 31, 2024

Banque
Haventree
Bank

1. NATURE OF OPERATIONS

Haventree Bank (the "Bank"), a Schedule 1 Bank, is a federally regulated financial institution and a wholly owned subsidiary of Haventree Holdings Inc ("HHI"). The Bank serves the Canadian mortgage market by offering residential mortgage loans to customers who are seeking an alternative mortgage solution because they do not meet the conventional underwriting standards of the major Canadian banks. The Bank is domiciled in Canada, with its registered office located at 100 King Street West, Suite 4610, Toronto, Ontario.

2. CAPITAL MANAGEMENT

The Bank's Capital Management Policy governs the quantity and quality of its capital, ensuring it meets minimum regulatory capital requirements, is consistent with the Bank's risk appetite framework, and supports the Bank's strategic objectives. Management's internal capital adequacy assessment process is integral to the Bank's capital planning activities and incorporates a stress-testing program that evaluates the impact of potential scenarios on income and capital. Regulatory capital requirements addressed by the policy include the leverage ratio and risk-based capital ratios (Common Equity Tier 1 ("CET1"), Tier 1 and Total Capital).

Regulatory capital and capital ratio calculations are based on the Capital Adequacy Requirements ("CAR") Guidelines issued by the Office of the Superintendent of Financial Institutions ("OSFI"). The guidelines are based on Basel III: A global regulatory framework for more resilient banks and banking systems – A Revised Framework ("Basel III").

The leverage ratio is defined as Tier 1 capital divided by the total exposure measure. The total exposure measure is the sum of: (a) on-balance sheet exposures; (b) derivative exposures; (c) securities financing transaction exposures; and (d) off-balance sheet items. Federally regulated deposit-taking institutions are expected to have Basel III leverage ratios that meet or exceed 3%. In addition, OSFI has established leverage ratio targets on a confidential and institution-by-institution basis. The Bank is considered a Category II Deposit Taking Institution for the purpose of capital and liquidity requirements.

Effective April 1, 2023, the Bank adopted Basel III reforms in accordance with OSFI's announced revised capital, leverage, liquidity and related disclosure guidelines with considerations given to the Canadian market.

The changes include:

- Revision to both the Internal Rating-based Approach (IRB) and Standardized Approach to credit risk;
- Revised operational, market risk and credit valuation adjustment ("CVA") frameworks (effective January 1, 2024);
- Updated CET1 capital deductions for certain assets;
- An updated capital output floor based on the revised Standardized Approach noted above, with the phase-in of the floor factor over three years beginning in 2023; and
- Modification to the Leverage Ratio framework

Effective January 1, 2024, the Bank implemented the Basel III reforms related to the revised CVA and market risk frameworks. The measures did not have a significant impact on the Bank's regulatory capital and capital ratios calculations. The related revised Pillar 3 disclosure for market risk and CVA became effective on October 1, 2024. Refer to note 4 for additional details on CVA.

Please refer to OSFI's Financial Data Website for more information under Category "Banks". (Link: https://www.osfi-bsif.gc.ca/Eng/wt-ow/Pages/fd-df.aspx)

Table 1: Key Metrics

Line No.	($000s, except percentage amounts)	December 31, 2024	September 30, 2024	June 30, 2024	March 31, 2024	December 31, 2023
	Available capital (amounts)					
1	Common Equity Tier 1 capital (CET1)	**$ 261,397**	$ 254,029	$ 244,913	$ 237,102	$ 231,330
2	Tier 1 capital	**261,397**	254,029	244,913	237,102	231,330
3	Total capital	**266,966**	259,361	244,913	237,102	231,330
	Risk-weighted assets (amounts)					
4	Total risk-weighted assets (RWA)	**$ 1,471,255**	$ 1,445,739	$ 1,367,615	$ 1,302,548	$ 1,272,780
4a	Total risk-weighted assets (pre-floor)	**1,471,255**	1,445,739	1,367,615	1,302,548	1,272,780
	Risk-based capital ratios as a percentage of RWA					
5	CET1 ratio (%)	**17.8%**	17.6%	17.9%	18.2%	18.2%
5b	CET1 ratio (%) (pre-floor ratio)	**17.8%**	17.6%	17.9%	18.2%	18.2%
6	Tier 1 ratio (%)	**17.8%**	17.6%	17.9%	18.2%	18.2%
6b	Tier 1 ratio (%) (pre-floor ratio)	**17.8%**	17.6%	17.9%	18.2%	18.2%
7	Total capital ratio (%)	**18.1%**	17.9%	18.4%	18.2%	18.2%
7b	Total capital ratio (%) (pre-floor ratio)	**18.1%**	17.9%	18.4%	18.2%	18.2%
	Additional CET1 buffer requirements as a percentage of RWA					
8	Capital conservation buffer requirement	**2.5%**	2.5%	2.5%	2.5%	2.5%
11	Total CET1 specific buffer requirements	**2.5%**	2.5%	2.5%	2.5%	2.5%
12	CET1 available after meeting the minimum capital requirements	**15.3%**	15.1%	15.4%	15.7%	15.7%
	Basel III Leverage ratio					
13	Total Basel III leverage ratio exposure measure	**$ 3,832,356**	$ 3,704,487	$ 3,538,809	$ 3,404,382	$ 3,367,082
14	Basel III leverage ratio (row 2 / row 13)	**6.8%**	6.9%	6.9%	7.0%	6.9%

Table 2: Composition of Capital

Line No.	($000s, except percentage amounts)	**December 31, 2024**	December 31, 2023
	Common Equity Tier 1 capital: instruments and reserves		
1	Directly issued qualifying common share capital plus related stock surpluses	**$ 73,360**	$ 71,673
2	Retained earnings	**191,284**	163,897
3	Accumulated other comprehensive loss	**(1,101)**	(3,024)
6	Common Equity Tier 1 capital before regulatory adjustments	**263,543**	232,546
	Common Equity Tier 1 capital: regulatory adjustments		
28	Total regulatory adjustments to Common Equity Tier 1	**(2,146)**	(1,216)
29	**Common Equity Tier 1 capital (CET1)**	**261,397**	231,330
45	Tier 1 capital	**261,397**	231,330
	Tier 2 capital: instruments and provisions		
50	Collective allowances	**5,569**	—
51	Tier 2 capital before regulatory adjustments	**5,569**	—
58	Tier 2 capital (T2)	**5,569**	—
59	Total capital (TC = T1 + T2)	**266,966**	231,330
60	Total risk-weighted assets	**1,471,255**	1,272,780
	Capital ratios		
61	Common Equity Tier 1 (as percentage of risk-weighted assets)	**17.8%**	18.2%
62	Tier 1 (as percentage of risk-weighted assets)	**17.8%**	18.2%
63	Total capital (as percentage of risk-weighted assets)	**18.1%**	18.2%
	OSFI target		
69	Common Equity Tier 1 capital all-in target ratio	**7.0%**	7.0%
70	Tier 1 capital all-in target ratio	**8.5%**	8.5%
71	Total capital all-in target ratio	**10.5%**	10.5%

Table 3: Leverage Ratio

Line No.	($000s, except percentage amounts)	**December 31, 2024**	December 31, 2023
	On-balance sheet exposures		
1	On-balance sheet items	**$ 3,798,580**	$ 3,343,770
4	(Asset amounts deducted in determining Tier 1 capital)	**(2,146)**	(1,216)
5	**Total on-balance sheet exposure**	**3,796,434**	3,342,554
	Derivative exposures		
6	Replacement cost associated with all derivative transactions	**9,393**	5,311
7	Add-on amounts for potential future exposure associated with all derivative transactions	**4,671**	3,527
11	**Total derivatives exposure**	**14,064**	8,838
	Other off-balance sheet exposures		
17	Off-balance sheet exposure at gross notional amount	**218,582**	156,897
18	(Adjustment for conversion to credit equivalent amounts)	**(196,724)**	(141,207)
19	**Off-balance sheet items**	**21,858**	15,690
	Capital and total exposures		
20	Tier 1 capital	**261,397**	231,330
21	Total exposures	**3,832,356**	3,367,082
	Leverage ratio		
22	Basel III leverage ratio	**6.8%**	6.9%

3. CREDIT RISK MANAGEMENT

Credit risk is the risk of loss resulting from the failure of a borrower or counterparty to honour its financial or contractual obligations. The nature of the Bank's mortgage lending operations creates an exposure to credit risk resulting from possible defaults in payment by borrowers. The Bank oversees the management of credit risk through its Enterprise Risk Management Committee ("ERMC"), which is comprised of members of senior management. The ERMC meets regularly to review risk factors in the mortgage portfolio and periodically considers and recommends adjustments to the credit risk limits in the Board approved Residential Mortgage Underwriting Policy.

The credit risk management and control functions are outlined in the underwriting, risk and compliance policies and procedures. As part of the underwriting process, the Bank relies heavily upon information supplied by both borrowers and third parties. If any of this information is intentionally or negligently misrepresented and the misrepresentation is not detected before completing the transaction, the credit risk associated with the transaction may be increased. If house prices increase at a faster rate than incomes, fewer borrowers will be able to qualify for mortgage financing at their desired level. In addition, some borrowers may be tempted to overstate their incomes to meet lender credit and debt service requirements. While policies and procedures are in place, there can be no absolute assurances to prevent credit risk from having an adverse effect on the Bank's profitability and financial condition.

The mortgage portfolio consists of uninsured residential mortgages. As a result, the Bank's primary credit risk relates to the potential for financial loss resulting from the failure of a borrower to fully honour their financial or contractual obligations, such as the failure to repay principal and/or interest on the mortgage. The portfolio consists of residential mortgages originated under lending programs designed to serve customers who are seeking an alternative solution because they have limited access to prime financing. There is a higher risk of default associated with these customers than with prime borrowers. The typical customer includes borrowers with a thin or challenged credit history or who are self-employed. Because the Bank serves customers with a higher risk of default, interest is charged at higher rates than those lenders. The factors used in determining borrowers' creditworthiness may be subject to change over time. An increase in loan losses beyond those expected and provided for could have a material adverse effect on the Bank's operating results and financial condition. The Bank mitigates this risk primarily by conducting diligence on each borrower and by dealing with known and reputable mortgage brokers. In addition, as an uninsured residential mortgage lender, credit risk also results from reliance on the maintenance of collateral values. The Bank considers collateral risk in its underwriting process and performs appraisals at originations to corroborate.

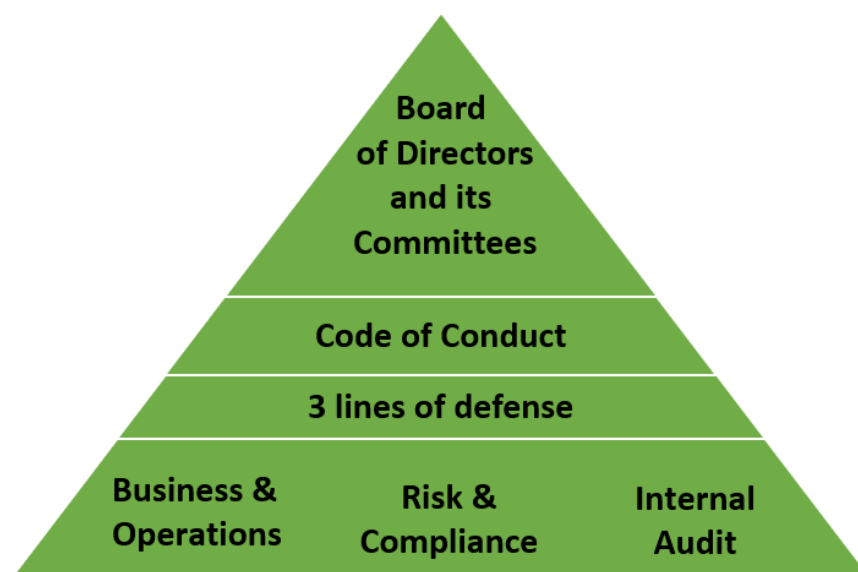
The Bank lends to borrowers in Ontario, British Columbia, Alberta, Manitoba, Saskatchewan, Nova Scotia and Quebec. Lending operations outside of Ontario began in 2018, hence the geographic distribution of the Bank's lending portfolio does not yet reflect the long-term desired distribution. Although some of these lending areas are among Canada's largest housing markets, a significant economic shock to the regional economy could have a disproportionately adverse impact on the mortgage portfolio, compared to the impact for a lender with a more nationally diversified mortgage portfolio.

The Bank's residential mortgage credit risk profile has remained stable for the fourth quarter of 2024. Unemployment has increased modestly and inflation has reduced to the Bank of Canada target resulting in successive rate cuts. Given that interest rate relief has just begun, the Canadian real estate market remains slower as affordability remains a challenge and borrowing costs are still relatively high. Nonetheless, home prices have remained stable due to continued supply shortage. As the loan book repriced from the low rates of 2022, arrears have increased but have been partially mitigated by active account management and loan-to-home values sufficient to protect the Bank.

Three Lines of Defense

The Bank uses the Three Lines of Defense model to clarify the roles and responsibilities of the members of senior management and individuals and improve the effectiveness of the internal control framework ("ICF"). The Three Lines of Defense are:

- **Operational Management** owns and manages all material business risks and establishes mitigating controls as well as design processes and addresses control deficiencies.
- **Risk Management and Compliance** independently oversees all material risks, facilitates and challenges risk and compliance control self-assessments and reports findings and recommendations to Risk and Capital Committee of the Board.
- **Internal Audit** provides independent assurance that the 1st and 2nd line processes remain effective and reports findings and recommendations to the Audit and Conduct Review Committee of the Board.



4. COUNTERPARTY CREDIT RISK & CREDIT VALUATION ADJUSTMENT

Counterparty Credit Risk (CCR) is the risk that the counterparty to a transaction could default before the final settlement of the transaction's cash flows. An economic loss would occur if the transactions or portfolio of transactions with the counterparty has a positive economic value at the time of default. The market value is uncertain and can vary over time with the movement of underlying market factors. The Bank's CCR exposure arises from Treasury's execution of derivative hedge transactions with other financial institutions.

The Bank records counterparty credit valuation adjustments ("CVA") on derivative assets to reflect the credit quality of counterparties. CVA risk is defined as the risk of losses arising from changes in counterparty credit spreads and other market risk factors that impact prices of derivative transactions and Secured Funding Transactions (SFTs), if applicable. The Bank monitors these exposures regularly, with oversight by the Asset Liability Committee ("ALCO").

The Bank calculates its CVA using the reduced basic approach ("BA") and considers legally enforceable master netting agreements that mitigate credit exposure to each counterparty in determining CVAs, which may be adjusted due to changes in the fair values of its interest rate swaps, collateral, and creditworthiness of the counterparty.

The following table presents the total risk-weighted assets for CVA risk:

December 31, 2024		a	b
$000		Components	Capital requirements under BA-CVA
1	Aggregation of systematic components of CVA risk	$ 1,044	
2	Aggregation of idiosyncratic components of CVA risk	$ 1,044	
3	Total		$ 8,484

5. OPERATIONAL RISK MANAGEMENT

Operational risk, which is inherent in all business activities, is the potential for loss as a result of external events, human behaviours (including error and fraud, non-compliance with mandated policies and procedures or other inappropriate behaviours) or the inadequacy, or failure of processes, procedures or controls. The impact may include financial loss, loss of reputation, loss of competitive position or regulatory penalties. While operational risk cannot be eliminated, the Bank takes reasonable steps to mitigate this risk by putting in place a system of oversight, policies, procedures and internal controls.

The Bank has established an Enterprise Risk Management ("ERM") Framework that is a Board approved, systematic and integrated process that enables senior management to effectively manage material risks impacting the operation of the Bank, the achievement of strategic and business objectives and the deployment of capital. The ERM Framework is

designed to foster a strong risk management and compliance culture by identifying, measuring, mitigating, monitoring and reporting all material operational risks and material events faced by the Bank in pursuit of its strategic goals and objectives. It is an ongoing process involving the Board, senior management and other personnel.

The Risk Appetite Framework ("RAF") provides a structured process to identify, quantify and limit the amount of risk that the Bank is willing to take in the pursuit of its strategic goals and objectives. The RAF is an integral part of the ERM Framework which identifies, measures, mitigates, monitors, and reports all material risks faced by the Bank in its day-to-day operations. The Bank's strategic, business, financial and capital plans are all designed and structured to align with the RAF.

The Bank's Operational Risk Management Program outlines the internal risk and control structure to manage operational risk and includes the following key components:

- **Risk and control self-assessments** ("RCSAs") are one of the primary tools used to identify and assess inherent operational risks and the design effectiveness of mitigating controls within individual business units, as well as on a Bank-wide basis.
- **Risk indicators** ("RIs") are used to monitor main drivers of exposure associated with key operational risks which provide insight into control weaknesses and help to determine the Bank's residual risk. RIs, paired with escalation and monitoring triggers, act to identify risk trends, warn when risk levels approach or exceed thresholds or limits, and prompt actions and mitigation plans to be undertaken.
- **Other operational risk management tools** are used as part of the Bank's operational risk management framework and include operational risk taxonomy, internal and external operational risk event collection and analysis, change management risk and control assessments.
- **Risk measurement and reporting** are performed by business, support functions and the second and third lines of defense as set out in their respective mandates and key policies on a regular basis. All material operational risk events, policy breaches and financial losses are reported to the ERM Committee and Risk and Capital Committee by the applicable senior management team member and Chief Risk Officer as soon as the event occurs.
- **Business continuity plan management** and disaster recovery plans ensure the consistent availability and delivery of products and services. The plans incorporate all significant business activities and services provided by both the Bank and third parties and detail the mission critical procedures and processes that are to be followed in the case of unavailability of functionality and/or business premises. All key business units within the Bank are required to maintain, and test and review, their business continuity plans.
- **Information technology cyber security self-assessment of risk and controls** are used to assess security risks arising out of day-to-day activities and understand the impact of such risks. These risks and controls are mapped to the industry benchmark using the National Institute of Standards and Technology ("NIST") cybersecurity framework ("CSF"). The NIST CSF is a globally recognized standard for securing IT systems and data against attacks.
- **Stress testing** is conducted on an annual basis through the Bank's Internal Capital Adequacy Assessment Process where the estimation of operational risk exposure is computed. Stress testing assesses the potential impact of severe negative events on key risks and critical business processes in order to inform risk management. It helps management identify and understand the impact of certain events that affect the Bank and develop mitigation or controls that help manage risk.
- **Insurance** is utilized to mitigate and reduce potential future losses related to operational risk. Risk management includes oversight of the effective use of insurance aligned with the Bank's risk management strategy and risk appetite. The management process includes conducting regular risk and financial analysis and identifying opportunities to transfer elements of the Bank's risk to third parties where appropriate.
- **Operational risk capital management** is determined using Basel III Simplified Standardized Approach for calculating its operational risk capital charge, effective April 1, 2023. Under this approach, the Bank applies prescribed factors to a three-year average of annual adjusted gross income. Prior to this the Bank used the Basic Indicator Approach under Basel II for calculating its operational risk capital charge.

6. LIQUIDITY RISK

Liquidity risk is defined as the possibility the Bank will be unable to generate or maintain sufficient cash or cash equivalents, in a timely manner, to meet its commitments as they become due.

Managing liquidity risk requires management to maintain sufficient liquid assets on hand at all times to pay cash obligations, such as maturing deposits, deposit interest, new mortgage fundings, lines of credit, accounts payables, accrued liabilities and other business obligations.

The Bank has established a liquidity management framework which includes the following:

- A Board-approved policy that quantifies the Bank’s liquidity risk tolerance and minimum liquidity requirements;
- A monitoring and risk control framework that forecasts cash inflows and outflows and contractual liquidity commitments for short and long-term horizons;
- Requirements for the diversification of funding sources;
- The maintenance of a liquidity reserve consisting of cash and cash equivalents and high-quality liquid assets (“HQLA”);
- Daily reporting that measures compliance with Board-approved limits;
- Periodic stress testing of liquidity assumptions and forecasts, which may include Bank specific liquidity shocks, exogenous systemic disruptions, or combinations of both; and
- A liquidity contingency plan that considers several scenarios according to which the Bank’s liquidity operations could be disrupted and details what actions will be followed under each scenario.

The ALCO of the Bank is comprised of members of senior management and is charged with monitoring the Bank’s liquidity exposures. ALCO periodically reviews liquidity policies and procedures as appropriate to evolving business requirements and makes recommendations for policy amendments to the Board as required. ALCO also reviews the results of periodic stress tests and may direct management to alter its liquidity strategy accordingly.

The Bank's Board has established minimum liquidity requirement limits using measures required under Basel III or included in OSFI’s Liquidity Adequacy Requirements Guideline (“LARG”):

- Liquidity Coverage Ratio (“LCR”): the ratio of the Bank’s HQLA reserve to net cash inflows and outflows for a specified time horizon; and
- Net Cumulative Cash Flow (“NCCF”): a metric that helps identify gaps between contractual inflows and outflows for various time bands over and up to a 12-month time horizon.

The appropriateness of these limits is reviewed from time to time by ALCO in light of prevailing and anticipated business conditions.

7. INTEREST RATE RISK

Interest rate risk is defined as the possibility that changes in market interest rates will adversely affect the Bank’s profitability and financial condition. Interest rate risk may be affected if an unduly large proportion of assets or liabilities have unmatched terms, interest rates or other attributes. The primary method of managing interest rate risk involves matching asset and liability maturity profiles, closely monitoring interest rates and acting upon any mismatch in a timely manner to ensure that any sudden or prolonged change in interest rates does not adversely affect net interest income. Any failure to appropriately match asset and liability maturity profiles could negatively impact the operating results and financial condition of the Bank. From time to time, the Bank employs derivative instruments to hedge interest rate risk. Where appropriate, hedge accounting is applied to minimize volatility in reported earnings from interest rate changes. All derivative contracts are over-the-counter contracts with highly rated Canadian financial institutions. The use of derivative products is governed by a Board-approved policy that permits the use of derivatives for the purpose of hedging asset-liability mismatches.

8. MARKET RISK

Market risk is the exposure to adverse changes in the value of financial assets. Market risk factors include price risk on debt securities. The Bank mitigates this risk by investing only in HQLA guaranteed by the Government of Canada, its provinces or municipalities and actively monitoring the investments.