

## CREDIT OPINION

28 June 2023

## **Update**



#### **RATINGS**

#### SBAB Bank AB (publ)

Domicile	Sweden
Long Term CRR	Aa3
Туре	LT Counterparty Risk Rating - Fgn Curr
Outlook	Not Assigned
Long Term Debt	A1
Туре	Senior Unsecured - Fgn Curr
Outlook	Stable
Long Term Deposit	A1
Туре	LT Bank Deposits - Fgn Curr
Outlook	Stable

Please see the <u>ratings section</u> at the end of this report for more information. The ratings and outlook shown reflect information as of the publication date.

#### Contacts

Louise Welin +46.8.5179.1280 VP-Sr Credit Officer louise.welin@moodys.com

Robert Dinic +46.85.179.1282
Associate Analyst

robert.dinic@moodys.com

Simon James Robin +44 207 772 5347

Ainsworth

Associate Managing Director simon.ainsworth@moodys.com

Carola Schuler +49.69.70730.766

MD-Banking

carola.schuler@moodys.com

# SBAB Bank AB (publ)

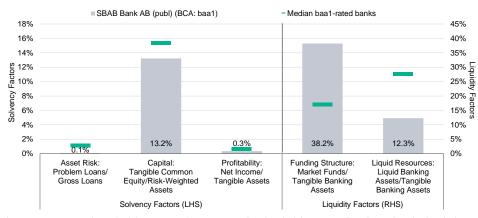
Update to credit analysis

## Summary

SBAB Bank AB (publ)'s (SBAB) baa1 Baseline Credit Assessment (BCA) reflects the bank's retail focus, its very strong asset quality focusing on Swedish mortgages, its robust capital along with its moderate profitability which is related to its focus on low risk mortgages. The bank's high reliance on market funding is mitigated by its large use of covered bonds and adequate liquidity.

SBAB's A1/P-1 long- and short-term deposit and senior unsecured debt ratings reflect the baa1 BCA, the results from our Advanced Loss Given Failure (LGF) analysis, leading to two notches of uplift for SBAB's deposit and senior unsecured debt ratings, along with our assumption of moderate support from its owner, the <u>Government of Sweden</u> (Aaa stable), resulting in an additional notch of uplift.

Exhibit 1
Rating Scorecard - Key financial ratios



These represent our <u>Banks Methodology</u> scorecard ratios. Asset risk and profitability ratios reflect the weaker of either the latest reported or three-year average ratios. The capital ratio is the latest reported figure. Funding structure and liquid resources ratios reflect latest fiscal year-end figures.

Source: Moody's Financial Metrics

## **Credit strengths**

- » Very strong asset quality
- » Robust risk-based capital
- » An efficient mortgage lender

## **Credit challenges**

- » Moderate profitability, related to being a low risk mortgage lender
- » High reliance on market funding, similar to most domestic peers
- » Moderate liquidity

### Outlook

The stable outlook on SBAB's long-term deposit and senior unsecured debt ratings primarily reflects Moody's expectation that SBAB will be able to maintain its current financial performance, including its strong asset quality, good risk-based capital, and moderate but stable profitability over the next 12-18 months, despite lower economic growth and continued elevated inflation in the Swedish economy.

## Factors that could lead to an upgrade

Factors that could lead to a rating upgrade include a significant improvement in profitability, without a corresponding increase in the bank's risk profile and a materially higher volume of deposits and liquid resources.

## Factors that could lead to a downgrade

Conversely, factors that could lead to a downgrade of the bank's BCA include a deterioration in the bank's capital or recurring profitability, or if its risk profile were to increase because of increased exposure to more volatile sectors.

In addition, SBAB's deposit and senior unsecured ratings could be downgraded if its buffer of loss-absorbing liabilities were to decline considerably or if Moody's government support assumptions were lowered.

This publication does not announce a credit rating action. For any credit ratings referenced in this publication, please see the issuer/deal page on https://ratings.moodys.com for the most updated credit rating action information and rating history.

## **Key indicators**

Exhibit 2
SBAB Bank AB (publ) (Consolidated Financials) [1]

	03-23 <sup>2</sup>	12-22 <sup>2</sup>	12-21 <sup>2</sup>	12-20 <sup>2</sup>	12-19 <sup>2</sup>	CAGR/Avg. <sup>3</sup>
Total Assets (SEK Million)	630,477.8	601,473.0	552,470.0	501,264.0	463,732.0	9.9 <sup>4</sup>
Total Assets (USD Million)	60,800.9	57,725.7	61,067.0	61,036.3	49,538.5	6.5 <sup>4</sup>
Tangible Common Equity (SEK Million)	20,980.0	20,426.0	19,177.0	17,351.0	19,202.0	2.84
Tangible Common Equity (USD Million)	2,023.2	1,960.4	2,119.7	2,112.7	2,051.3	$(0.4)^4$
Problem Loans / Gross Loans (%)	0.1	0.1	0.0	0.1	0.1	0.15
Tangible Common Equity / Risk Weighted Assets (%)	13.2	13.3	13.8	13.3	15.9	13.9 <sup>6</sup>
Problem Loans / (Tangible Common Equity + Loan Loss Reserve) (%)	2.0	1.8	1.2	1.4	1.5	1.6 <sup>5</sup>
Net Interest Margin (%)	0.9	0.8	0.7	0.7	0.7	0.85
PPI / Average RWA (%)	2.0	1.7	1.8	1.8	2.0	1.9 <sup>6</sup>
Net Income / Tangible Assets (%)	0.4	0.3	0.4	0.3	0.4	0.45
Cost / Income Ratio (%)	40.6	43.0	37.0	35.1	33.3	37.8 <sup>5</sup>
Market Funds / Tangible Banking Assets (%)	38.1	38.2	41.2	40.9	41.2	39.9 <sup>5</sup>
Liquid Banking Assets / Tangible Banking Assets (%)	15.7	12.3	10.6	9.9	12.6	12.2 <sup>5</sup>
Gross Loans / Due to Customers (%)	272.0	279.4	322.3	311.8	294.1	295.9 <sup>5</sup>

<sup>[-]</sup> Further to the publication of our revised methodology in July 2021, only ratios from annual 2020 onwards included in this report reflect the change in analytical treatment of the "high-trigger" Additional Tier 1 instruments. [1] All figures and ratios are adjusted using Moody's standard adjustments. [2] Basel III - fully loaded or transitional phase-in; IFRS. [3] May include rounding differences because of the scale of reported amounts. [4] Compound annual growth rate (%) based on the periods for the latest accounting regime. [5] Simple average of periods for the latest accounting regime. [6] Simple average of Basel III periods.

Sources: Moody's Investors Service and company filings

#### **Profile**

SBAB Bank AB (publ) (SBAB) was established in 1985 as The Swedish National Housing Finance Corporation by the Kingdom of Sweden (Government of Sweden) to finance government housing loans. In November 2010, it was awarded a full banking licence and began developing banking products and services. Subsequently, it was renamed SBAB Bank AB (publ). Since 2014, the bank has refocused its operations towards its core business areas of mortgages and residential financing, limiting its offerings of traditional banking products and services. The bank remains wholly owned by the Government of Sweden.

SBAB is a digital bank that provides residential mortgages, loans and savings accounts to individuals, corporates and tenant-owner associations throughout Sweden. Through partners, it also provides its mortgage customers with third-party insurance services. As of the end of February 2023, SBAB's reported market share in terms of Swedish retail mortgage lending was 8.5%. It reported total consolidated assets of SEK661 billion (\$58.4 billion) as of end-March 2023.

SBAB does not have any retail branch network. The bank distributes its products and services to individuals primarily through an internet platform and a call centre. It distributes its products and services to corporate customers and tenant-owner associations through personal contacts with representative offices in Stockholm, Gothenburg and Malmö.

## **Recent developments**

## Macroeconomic developments

Our <u>outlook</u> for Sweden's (Aaa, stable) banking system remains stable. We expect Swedish banks to weather an anticipated recession in 2023. Financial pressure on borrowers from inflation and rising interest rates will negatively affect asset quality. However, bank profitability will remain strong as higher rates support interest income, outweighing a limited rise in loan loss provisions. Swedish lenders will remain strongly capitalized. Geopolitical risks, particularly from the Russia-Ukraine conflict, remain significant.

## **Detailed credit considerations**

## A low risk mortgage portfolio based on strong industry-wide underwriting standards

Although higher interest rates will raise debt service costs for borrowers, we expect SBAB's asset quality to continue performing well because of its focus on low risk mortgage lending in Sweden. The bank's problem loans have remained very low for decades, and its problem loan (stage 3, IFRS9) ratio was 0.08% as of end-March 2023.

SBAB's loan book comprise almost only mortgages: single-family dwellings (68%), and tenant-owner associations and private multifamily dwellings (31%), with the remainder being marginal and including exposure to unsecured lending as of the end of March 2023. In line with legislation, loans are capped at 85% loan to value (LTV) and require amortisation down to 50%. As of the end of March 2023, the average LTV in SBAB's mortgage portfolio was 59% and SBAB's exposure to commercial properties was low and stood at less than 1% of total lending as of the same date.

The retail mortgage portfolio grew by 2.9% year-over-year during Q123, broadly in line with he market at 2.8%. SBAB has higher than average loan growth, but a large part of the new lending is to borrowers that are moving their existing mortgages to SBAB from other banks. Therefore, the loan portfolio has a low share of unseasoned borrowers and relatively lower LTVs compared to those purchasing a new property.

Like most other banks in Sweden, SBAB's share of lending at variable (i.e. three-month) rates is high and stood at 61% as of end March 2023, (up from 53% at year-end 2022) as rapidly rising interest rates have resulted in borrowers choosing variable rate over fixed rate loans. These borrowers are more exposed to interest rate changes. As SBAB, in line with domestic peers, applied a 6% stress rate when granting mortgages until recently, the rising mortgage rates introduce limited risks in the banks' mortgage portfolios albeit from ultralow levels. Furthermore, SBAB's pricing model gives a higher discount to customers with low to moderate LTVs, which supports the collateral values on new mortgages.

SBAB conducts stress tests on its outstanding loans with severe scenarios of higher interest rates, high unemployment and a dramatic drops in property prices. In these stressed scenarios, the bank performs well with expected credit losses not exceeding annual profit. In Sweden there is also full recourse on mortgages and the values of collateral to limit losses in the loan portfolio, even in an economic downturn.

The assigned Asset Risk score of aa2 reflects the initial score of aa1 and a one notch negative adjustment because of the bank's sector concentration towards the Swedish mortgage market.

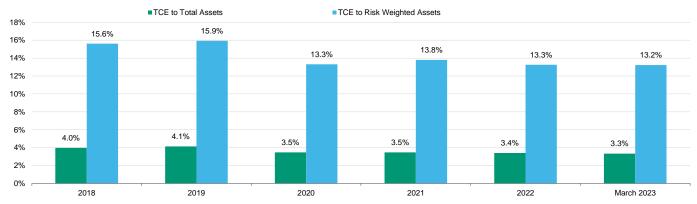
#### Robust risk-based capitalisation and stress capital resilience, but low leverage ratio

We view SBAB's capital position as strong, given its low risk profile. As of the end of March 2023, SBAB reported a Common Equity Tier 1 (CET1) capital ratio of 12.4%. The buffer to regulatory CET1 requirements amounted to 220 basis points (bps) as of 31 March 2023, in line with the bank's communicated target buffer of 100-300 bps.

The bank's capital buffer will, however, fall on 22 June 2023 when the countercyclical buffer rate will be raised to 2% (from the current 1%), albeit counterbalanced by the bank building capital buffers through lower dividends. Also, as part of the European Banking Package and following the completion of the supervisory review and evaluation process (SREP) in 2021, the Swedish FSA introduced a leverage ratio requirement of 3.3%, including a Pillar 2 guidance of 30 bps, compared to SBAB's reported leverage ratio of 4.0% as of March 2023. SBAB's total regulatory capital requirement as of the end of December 2022 was 14.9% including a Pillar 2 requirement of 3.35%.

The bank-specific Pillar 2 requirement relates to credit related concentration risk, interest rate risk in other operations, commercial real estate and previously identified weaknesses with SBAB's internal models. SBAB has updated its internal ratings-based model, and, in January 2023, the SFSA approved the bank's application for a new PD model for corporate exposures. The new model is expected to be implemented in the first half of 2023, while the new PD model for household exposures is still pending approval. The bank has a buffer of 2.5 percentage points above the total capital requirement. The bank's formal target decided by the Board is to have at least 0.6% buffer above the total capital requirement. In January 2022, the CEO introduced a supplementary CET capital headroom of 1-3 percentage points above the SFSA's requirements.

Exhibit 3
SBAB's capital ratios over time



The exhibit shows Moody's-adjusted figures. Source: Moody's Investors Service

Whereas SBAB's leverage of 3.3% generally would warrant a downward adjustment in the assigned Capital score, we have not applied this as the 25% risk-weight that SBAB needs to hold for Swedish mortgages is driven by regulatory minimums which were implemented by the SFSA for systemic risk reasons, due to high household leverage, rather than based on the perceived credit risk of the loans. Risk-weights in other Nordic countries where regulators have not imposed a risk-weight floor tend to be significantly lower (around 15%). Also, SBAB's own IRB risk-weights stood at 3.6% at year-end 2022. It should be noted that <u>SBAB's CET1 ratio fell by around 20 percentage points at the time when the risk-weight floor was introduced, moving the capital add-on for mortgages from Pillar 2 to Pillar 1. Hence, the initial starting point (TCE/RWAs) is significantly lower as a result of the risk-weight floor being moved to Pillar 1.</u>

In addition, SBAB's capital is very resilient to stress, and the bank performs as one of the strongest under the European Banking Authority's EU-wide stress test. We consider the bank's stress capital resilience as a strength, and assign a Capital score of a2 for SBAB.

## Profitability will remain weaker than peers because of the focus on low-risk mortgages

SBAB presented stable earnings in Q1 2023, which resulted in a reported return on equity of 13.3%, above the bank's internal target of 10%. SBAB's net interest margin (NIM) increased to 0.85% in Q1 2023 from 0.73% in the year-earlier period because of rising interest rates.

On 26 April 2023, the Swedish Riksbank raised its policy rate to 3.5% from 3.0%, which is credit positive for Swedish banks. The majority of SBAB's mortgage loans have variable 3-month interest rates (60.5% as of end-March 2023), allowing SBAB to re-price loans relatively quickly.

As of year-end 2022, SBAB owns 100% of Booli — one of Sweden's largest housing websites and search engines for homes. In May 2021, SBAB acquired 58% of the shares in Boappa AB, which is Sweden's largest communication platform for tenant-owners' associations, with a call option for SBAB to acquire the remaining shares. SBAB's total ownership in Boappa AB was 67% as of 31 December 2022. Whereas we do not expect these sites to contribute to SBAB's earnings in the next couple of years, it does give the bank additional sales channels.

SBAB's has a relatively higher earnings stability than many peers. SBAB is an efficient lender operating without a retail branch network. Although the bank's adjusted cost-to-income ratio has deteriorated for the last three years because of higher operating costs, it remained relatively low at 43% for the year 2022. The ratio improved to 40.6% in the first quarter of 2023 (see Exhibit 4), largely due to higher interest rates<sup>2</sup>.

Cost / income ratio (LHS) Return on equity (RHS) 50% 18.0% 45% 16.0% 40% 14.0% 35% 12.0% 30% 10.0% 25% 8.0% 20% 6.0% 4 0% 10% 2.0% 5% 0.0% 0% 2014 2015 2016 2017 2018 2019 2020 2021 2022 Q1 2023

Exhibit 4
Q1 2022 earnings were positively impacted by rising interest rates

Moody's adjusted figures Source: Moody's Investors Service

Our assigned Profitability score of baa3 includes two notches positive adjustment, reflecting the bank's relative earnings stability and our forward-looking expectations of slightly higher net income going forward, supported by the central bank interest rate hike.

## High reliance on market funding, but deposit base is increasing

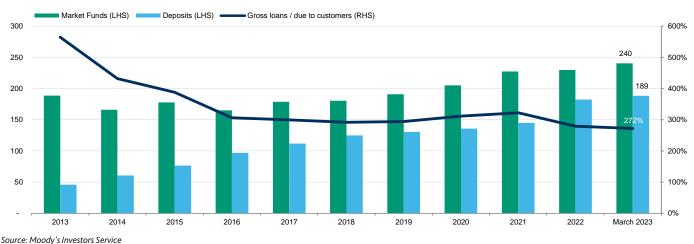
We view SBAB's high reliance on market funding as a weakness, which is shared with many of its Nordic peers. The high reliance on market funding is mitigated by the fact that a large portion of the funding benefits from the resilient domestic covered bond market, along with a sustained increase in deposit funding.

SBAB's market funding/tangible assets stood at 38.1% at the end of March 2023. Covered bonds (rated Aaa) accounted for more than half of the bank's long-term funding, and around 76% of these were SEK denominated as of the same date. This debt class benefits from a deep local market with stable domestic investors, and we reflect these strengths by viewing covered bonds denominated in local currency as a particularly stable source of funding for all Swedish banks. Consequently, the upward adjustment in the Funding score of baa2 reflects the comparatively stronger Swedish covered bond market, i.e. the bank's SEK-denominated covered bonds.

SBAB's funding profile has improved over the last few years following its strategy to extend maturities, with a number of successful benchmark issues and a reduction in foreign currency exposures.

In addition, SBAB has actively reduced its reliance on market funding through increasing deposits, reducing its gross loans/deposits to 272% as of end March 2023 (from 565% at end December 2013). We view the increase in deposits as a sustainable improvement which provides the bank with relatively sticky funding, given the gradual and granular increase in the flow of new depositors. While the bank's growing deposit base reduces the dependence on market funding, we recognize that SBAB's focus on competitive deposit rates, which has resulted in an inflow of SEK34 billion deposits since mid-2022, could mean that some depositors are more price sensitive. However, the bank has built a strong depositor base in recent years, solidifying the overall resilience of the funding profile.

Exhibit 5
SBAB's gradual increase in deposits appears sustainable (SEK billion)



SBAB needs to fulfill the recapitalisation amount of the minimum requirement of own funds and eligible liabilities (MREL) with subordination requirements by 1 January 2024. The new MREL decisions based on the updated EU Bank Recovery and Resolution Directive (BRRD2), were announced in December 2021<sup>3</sup>, and the updated subordination requirement resulted in lower senior non-preferred (SNP) needs compared to the previous Swedish requirements.

#### SBAB has adequate liquidity

SBAB's liquidity position is adequate, as captured by the ba1 assigned Liquid Resources score. Moody's calculated liquid banking assets consist mainly of highly rated securities, which totalled SEK74 billion at the end of 2022, equivalent to 12.3% of its tangible banking assets. The bank's reported liquidity reserve was SEK108.6 billion as of the same date, equivalent to 14.2% of tangible banking assets and equivalent to a ba1 liquidity score. SBAB's reported liquidity coverage ratio (all currencies combined) was a high 232% at end of March 2023.

## Monoline adjustment to reflect a lack of business diversification

Similar to that for other rated entities focused on one activity, we apply a one-notch negative adjustment for lack of business diversification to SBAB's financial profile. This is to reflect the fact that the bank's revenue is mostly derived from its mortgage lending activities and SBAB's business model is less diversified than that of a full-service bank. This adjustment is shared with other purely focused lenders, including Skandiabanken in Sweden.

## Source of facts and figures cited in this report

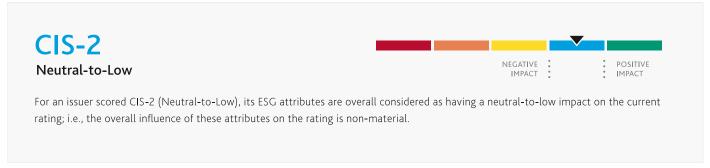
The financial data in this report are sourced from SBAB's financial statements or Moody's Financial Metrics, unless otherwise stated.

#### **ESG** considerations

SBAB Bank AB (publ)'s ESG Credit Impact Score is Neutral-to-Low CIS-2

Exhibit 6

**ESG Credit Impact Score** 



Source: Moody's Investors Service

SBAB's ESG Credit Impact Score is neutral-to-low (CIS-2). This reflects the limited credit impact of environmental and social factors on the rating to date, and neutral-to-low governance risks.

Exhibit 7
ESG Issuer Profile Scores



Source: Moody's Investors Service

#### **Environmental**

SBAB faces low environmental risks, specifically in relation to carbon transition risks. This is because of the structure of its loan book, predominantly composed of mortgages, and with a negligible exposure to corporate lending, which typically carry higher carbon transition risk.

#### Social

SBAB faces high industry-wide social risks related to regulatory and litigation risks, requiring high compliance standards. These risks are mitigated by the bank's developed policies and procedures. High cyber and personal data risks are mitigated by the bank's strong IT framework.

#### Governance

SBAB has low governance risks. Although SBAB is owned by the Swedish government, the bank's corporate governance practices follow general standards, without any evidence of intrusive government interference. In addition, Sweden's developed institutional framework mitigates the associated governance risks.

ESG Issuer Profile Scores and Credit Impact Scores for the rated entity/transaction are available on Moodys.com. In order to view the latest scores, please click <a href="https://example.com/here">here</a> to go to the landing page for the entity/transaction on MDC and view the ESG Scores section.

## **Support and structural considerations**

## Loss Given Failure (LGF) analysis

We apply our Advanced LGF analysis to SBAB as the bank is incorporated in Sweden, which we consider an operational resolution regime as it is subject to the EU Bank Recovery and Resolution Directive (BRRD). For this analysis, we assume that equity and losses are at 3% and 8%, respectively, of tangible banking assets in a failure scenario. We also assume a 25% run-off of junior wholesale deposits and a 5% run-off of preferred deposits. Moreover, we assign a 25% probability to junior deposits being preferred to senior unsecured debt. These are in line with our standard assumptions. Particular to SBAB and other Swedish pure mortgage lenders, we assume the proportion of deposits considered junior at 10%, compared to our standard assumption of 26%, because of their largely retail-oriented depositor base.

Our Advanced LGF analysis indicates a very low loss given failure for junior depositors and senior unsecured creditors, resulting in a two-notch uplift of the relevant ratings, from the bank's baa1 Adjusted BCA.

SBAB's junior deposit and senior debt ratings reflect our expectations that the bank will issue senior non-preferred debt to fulfill the subordination amount of MREL by year-end 2023.

For junior senior debt (called senior non-preferred by the market), which is positioned in line with the bank's Adjusted BCA, our Advanced LGF analysis indicates a moderate loss given failure, given the small volume of debt and limited protection from more subordinated instruments and residual equity.

## **Government support considerations**

SBAB is fully owned by the Swedish government and has an important market share in the Swedish mortgage market. This guides our expectation of a moderate probability of government support for SBAB's deposit and senior unsecured debt, which results in a one notch rating uplift for these debt classes.

## Counterparty Risk (CR) Assessment

## SBAB's CR Assessment is Aa3(cr)/P-1(cr)

The CR Assessment, before government support, is three notches above the Adjusted BCA based on our view that senior obligations represented by the CR Assessment will be more likely preserved than senior unsecured debt to minimise losses, avoid disruption of critical functions and limit contagion. In addition, moderate probability of government support results in an additional uplift of one notch uplift.

## Counterparty Risk Ratings (CRRs)

#### SBAB's CRRs are Aa3/P-1

The CRRs, before government support, are three notches above SBAB's Adjusted BCA of baa1, reflecting extremely low loss given failure from the high volume of instruments that are subordinated to CRR liabilities, along with one notch of government support.

## Methodology and scorecard

#### **About Moody's Bank Scorecard**

Our scorecard is designed to capture, express and explain in summary form our Rating Committee's judgement. When read in conjunction with our research, a fulsome presentation of our judgement is expressed. As a result, the output of our scorecard may materially differ from that suggested by raw data alone (though it has been calibrated to avoid the frequent need for strong divergence). The scorecard output and the individual scores are discussed in rating committees and may be adjusted up or down to reflect conditions specific to each rated entity.

## Rating methodology and scorecard factors

Exhibit 8

SBAB Bank AB (publ)

Macro Factors				,		
Weighted Macro Profile Strong	100%					
Factor	Historic Ratio	Initial Score	Expected Trend	Assigned Score	Key driver #1	Key driver #2
Solvency						
Asset Risk						
Problem Loans / Gross Loans	0.1%	aa1	$\leftrightarrow$	aa2	Sector concentration	
Capital						
Tangible Common Equity / Risk Weighted Assets (Basel III - transitional phase-in)	13.2%	a2	1	a2	Risk-weighted capitalisation	Stress capital resilience
Profitability						
Net Income / Tangible Assets	0.3%	ba2	1	baa3	Earnings quality	Expected trend
Combined Solvency Score		a2		a2		
Liquidity						
Funding Structure						
Market Funds / Tangible Banking Assets	38.2%	ba2	$\uparrow \uparrow$	baa2	Market funding quality	
Liquid Resources						
Liquid Banking Assets / Tangible Banking Assets	12.3%	ba1	$\leftrightarrow$	ba1	Stock of liquid assets	
Combined Liquidity Score		ba2		baa3		
Financial Profile				a3		
Qualitative Adjustments				Adjustment		
Business Diversification				-1		
Opacity and Complexity				0		
Corporate Behavior				0		
Total Qualitative Adjustments				-1		
Sovereign or Affiliate constraint				Aaa		
BCA Scorecard-indicated Outcome - Range				a3 - baa2		
Assigned BCA		<u> </u>		baa1	<u> </u>	
Affiliate Support notching				0		
Adjusted BCA				baa1		

in-scope	% in-scope	at-failure	% at-failure
(SEK Million)	-	(SEK Million)	
350,688	55.7%	363,883	57.8%
188,508	29.9%	175,312	27.8%
169,657	26.9%	161,174	25.6%
18,851	3.0%	14,138	2.2%
47,900	7.6%	47,900	7.6%
16,300	2.6%	16,300	2.6%
2,000	0.3%	2,000	0.3%
5,800	0.9%	5,800	0.9%
18,903	3.0%	18,903	3.0%
630,099	100.0%	630,099	100.0%
	(SEK Million) 350,688 188,508 169,657 18,851 47,900 16,300 2,000 5,800 18,903	(SEK Million)       350,688     55.7%       188,508     29.9%       169,657     26.9%       18,851     3.0%       47,900     7.6%       16,300     2.6%       2,000     0.3%       5,800     0.9%       18,903     3.0%	(SEK Million)         (SEK Million)           350,688         55.7%         363,883           188,508         29.9%         175,312           169,657         26.9%         161,174           18,851         3.0%         14,138           47,900         7.6%         47,900           16,300         2.6%         16,300           2,000         0.3%         2,000           5,800         0.9%         5,800           18,903         3.0%         18,903

Debt Class	De Jure v	vaterfal	l De Facto	waterfall	Notching		LGF	Assigned	Additiona	l Preliminary
	Instrument volume + subordinatio	ordinati	Instrument on volume + o subordinatio	ordination	De Jure	De Facto	Notching Guidance vs. Adjusted BCA	LGF notching	Notching	Rating Assessment
Counterparty Risk Rating	16.7%	16.7%	16.7%	16.7%	3	3	3	3	0	a1
Counterparty Risk Assessment	16.7%	16.7%	16.7%	16.7%	3	3	3	3	0	a1 (cr)
Deposits	16.7%	6.8%	16.7%	14.4%	2	3	2	2	0	a2
Senior unsecured bank debt	16.7%	6.8%	14.4%	6.8%	2	2	2	2	0	a2
Junior senior unsecured bank debt	6.8%	4.2%	6.8%	4.2%	0	0	0	0	0	baa1
Dated subordinated bank debt	4.2%	3.9%	4.2%	3.9%	-1	-1	-1	-1	0	baa2
Non-cumulative bank preference share:	s 3.9%	3.0%	3.9%	3.0%	-1	-1	-1	-1	-2	ba1

Instrument Class	Loss Given Failure notching	Additional notching	Preliminary Rating Assessment	Government Support notching	Local Currency Rating	Foreign Currency Rating
Counterparty Risk Rating	3	0	a1	1	Aa3	Aa3
Counterparty Risk Assessment	3	0	a1 (cr)	1	Aa3(cr)	
Deposits	2	0	a2	1	A1	A1
Senior unsecured bank debt	2	0	a2	1	A1	A1
Junior senior unsecured bank debt	0	0	baa1	0	Baa1	Baa1
Dated subordinated bank debt	-1	0	baa2	0	Baa2	(P)Baa2
Non-cumulative bank preference shares	-1	-2	ba1	0	Ba1 (hyb)	

<sup>[1]</sup> Where dashes are shown for a particular factor (or sub-factor), the score is based on non-public information.

Source: Moody's Investors Service

## **Ratings**

Exhibit 9

Category	Moody's Rating
SBAB BANK AB (PUBL)	
Outlook	Stable
Counterparty Risk Rating	Aa3/P-1
Bank Deposits	A1/P-1
Baseline Credit Assessment	baa1
Adjusted Baseline Credit Assessment	baa1
Counterparty Risk Assessment	Aa3(cr)/P-1(cr)
Issuer Rating	A1
Senior Unsecured	A1
Junior Senior Unsecured	Baa1
Junior Senior Unsecured MTN	(P)Baa1
Subordinate -Dom Curr	Baa2
Pref. Stock Non-cumulative -Dom Curr	Ba1 (hyb)
Commercial Paper	P-1
Other Short Term	(P)P-1
Source: Moody's Investors Service	

## **Endnotes**

- 1 Swedish banks capital requirements, first quarter 2023
- 2 The risk tax, introduced in 2022, is accounted for in 'taxes other than income taxes' in Moody's accounts, which is included in operating expenses, thus affecting Moody's calculated cost-to-income ratio. This explains the difference between the bank reported and Moody's adjusted cost to income ratios.
- 3 Decisions on resolution plans and MREL, Swedish National Debt Office

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