

CREDIT OPINION

26 August 2025

Update



RATINGS

Zuercher Kantonalbank

| Domicile | Zurich, Switzerland |
|-------------------|---|
| Long Term CRR | Aaa |
| Туре | LT Counterparty Risk Rating - Fgn Curr |
| Outlook | Not Assigned |
| Long Term Debt | Withdrawn |
| Туре | Senior Unsecured - Dom Curr |
| Outlook | Rating(s) WithDrawn |
| Long Term Deposit | Not Assigned |

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

Andrea Wehmeier +49.69.70730.782 VP-Senior Analyst andrea.wehmeier@moodys.com

Alexander Hendricks, +49.69.70730.779
CFA

Associate Managing Director alexander.hendricks@moodys.com

Carola Schuler +49.69.7073.0766 MD-Banking carola.schuler@moodys.com

» Contacts continued on last page

Zuercher Kantonalbank

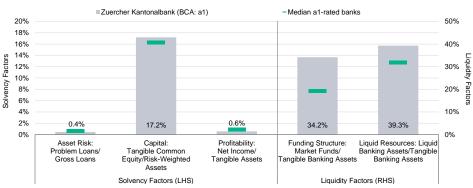
Update to credit analysis

Summary

Zuercher Kantonalbank's (ZKB) Aaa backed deposit ratings reflect its a1 BCA, three notches of rating uplift from affiliate support derived from the maintenance guarantee provided by the bank's sole owner, the Canton of Zurich, which results an aa1 Adjusted BCA, and one notch of rating uplift from our Advanced Loss Given Failure (LGF) analysis, which incorporates the relative loss severity of a liability class. While we consider ZKB as a domestic systemically important bank and assume a moderate likelihood of government support, it does not result in rating uplift, because the ratings are already at the Aaa level prior to government support considerations.

ZKB's a1 BCA reflects the bank's very strong and highly resilient asset quality, despite some concentration on real-estate activities in the Zurich region. Its strong capital base as well as its existing high loan loss reserves provide additional meaningful protection against adverse developments and its profitability remains sound and stable, despite some challenges from moderating interest rates. The BCA further reflects still strong liquid resources, balancing the bank's meaningful exposure to confidence-sensitive market funding. The latter, however, strongly benefits from the guarantee provided by the Canton of Zurich, which helps ensure uninterrupted access to domestic and international capital markets at very attractive rates owing to the bank's status as a quasi-subsovereign prime issuer.

Exhibit 1
Rating Scorecard Zuercher Kantonalbank - Key financial ratios



Source: Moody's Ratings and company filings

Credit strengths

» The Canton of Zurich provides a maintenance guarantee and a deficiency guarantee (fully guaranteeing all of the bank's senior liabilities)

- » Strong capitalisation and further improved profitability metrics
- » Very solid liquidity buffers with the guarantee by the Canton ensuring good market access as a quasi sub-sovereign issuer

Credit challenges

- » Growth in the bank's residential mortgage loan portfolio
- » Managing operational risks inherent in the bank's customer-driven trading activities and litigation risks stemming from its significant wealth and asset management operations

Outlook

» The stable outlook reflects our expectation that the key credit metrics of ZKB, including its liability structure, will remain broadly unchanged. We also do not expect any change in the guarantee framework the canton provides to ZKB.

Factors that could lead to an upgrade

- » ZKB's senior ratings are already positioned at the highest possible level and cannot be upgraded. An upgrade of the bank's junior senior and subordinated debt ratings could be triggered by additional rating uplift as a result of our Advanced LGF analysis, following significant issuance of instruments ranking below senior unsecured debt, in particular capital instruments. Both liability classes as well as the bank's AT1 ratings could also be upgraded in case the Canton of Zurich creditworthiness improves.
- » A BCA upgrade, although unlikely given its already very high level, could result from a combination of significantly higher profitability and a significant shift towards granular and stable deposit funding while maintaining a very high level of liquid resources.

Factors that could lead to a downgrade

- » The bank's ratings could be downgraded if the bank's BCA is downgraded or if the canton's creditworthiness deteriorates.
- » The bank's BCA could be downgraded if its asset quality, predominantly from its real estate lending book, would meaningfully deteriorate as indicated by a sustained higher problem loans ratio and significantly lower reserves. In addition, persistently lower capitalisation and profitability levels in conjunction with a weaker liquidity profile could lead to a BCA downgrade.

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

Zuercher Kantonalbank (Consolidated Financials) [1]

| | 12-24 ² | 12-23 ² | 12-22 ² | 12-21 ² | 12-20 ² | CAGR/Avg. ³ |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|------------------------|
| Total Assets (CHF Billion) | 202.6 | 201.3 | 199.8 | 192.1 | 188.4 | 1.8 4 |
| Total Assets (USD Billion) | 223.6 | 239.1 | 215.9 | 210.2 | 213.1 | 1.2 4 |
| Tangible Common Equity (CHF Billion) | 14.9 | 14.3 | 13.3 | 12.6 | 12.6 | 4.3 ⁴ |
| Tangible Common Equity (USD Billion) | 16.4 | 16.9 | 14.4 | 13.8 | 14.2 | 3.6 ⁴ |
| Problem Loans / Gross Loans (%) | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 0.4 5 |
| Tangible Common Equity / Risk Weighted Assets (%) | 17.2 | 18.1 | 17.4 | 17.6 | 18.3 | 17.7 ⁶ |
| Problem Loans / (Tangible Common Equity + Loan Loss Reserve) (%) | 3.3 | 3.3 | 3.1 | 3.2 | 3.9 | 3.3 ⁵ |
| Net Interest Margin (%) | 0.9 | 0.9 | 0.7 | 0.7 | 0.7 | 0.8 5 |
| PPI / Average RWA (%) | 1.6 | 1.9 | 1.4 | 1.4 | 1.3 | 1.5 ⁶ |
| Net Income / Tangible Assets (%) | 0.5 | 0.7 | 0.5 | 0.5 | 0.4 | 0.5 5 |
| Cost / Income Ratio (%) | 57.6 | 54.5 | 61.7 | 63.2 | 65.2 | 60.4 ⁵ |
| Market Funds / Tangible Banking Assets (%) | 34.2 | 36.3 | 36.7 | 38.3 | 39.5 | 37.0 ⁵ |
| Liquid Banking Assets / Tangible Banking Assets (%) | 39.3 | 42.5 | 44.7 | 45.4 | 46.7 | 43.7 ⁵ |
| Gross Loans / Due to Customers (%) | 110.9 | 110.8 | 104.3 | 105.6 | 104.7 | 107.3 ⁵ |

^[1] All figures and ratios are adjusted using Moody's standard adjustments. [2] Basel III - fully loaded or transitional phase-in; LOCAL GAAP. [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 Ratings and company filings

Profile

ZKB is Switzerland's largest cantonal bank, measured by its total assets of CHF202.6 billion as of 31 December 2024. The bank was established in 1870 by the Canton of Zurich, which is still its sole owner and extends to ZKB a maintenance guarantee, according to article 109 of the cantonal constitution. The maintenance guarantee requires the canton to inject capital into ZKB, in case of need, until the canton defaults itself. In addition, the Canton of Zurich provides a deficiency guarantee on the bank's unsubordinated obligations, as stipulated in the Cantonal Banking Act.

ZKB operates an universal banking model, providing financial services to retail, corporate, and institutional clients primarily in the Canton of Zurich, including financing, investment and asset management, trading and capital markets services, payment transactions, and debit and credit cards. The bank has a very strong position in the Canton of Zurich, and a 7.9% share of total Swiss domestic banking assets as of 31 December 2024. The bank also distributes its products and services through representative offices in China, India, Singapore, and Brazil. Employing more than 5,700 staff, ZKB was classified a domestic systemically important institution by the Swiss National Bank (SNB) in November 2013.

For more information, please see ZKB's Issuer Profile and our Swiss Banking System Profile.

Weighted Macro Profile of Strong (+)

ZKB is focused on the Swiss market and its Weighted Macro Profile is therefore Strong (+), in line with the <u>Macro Profile</u> of Switzerland. The bank also has limited operations in the EU and other countries.

Detailed credit considerations

ZKB's asset quality is good, with strong coverage providing protection from sector concentrations in real estate and tail risks in its asset management activities

We assign an a1 Asset Risk score, positioned three notches below the aa1 initial score. The assigned score captures ZKB's strong asset quality, as reflected in its low level of nonperforming loans, its extremely strong coverage levels and tail risks stemming from its significant wealth and asset management operations.

As of 31 December 2024, ZKB's residential and commercial mortgage book stood at CHF107.0 billion (53% of the bank's total assets), rendering the bank susceptible to a significant slowdown in the Zurich and Swiss housing markets or a prolonged period of weaker economic growth in Switzerland. The risks related to a potential slowdown are mitigated by the bank's solid capital buffers and an

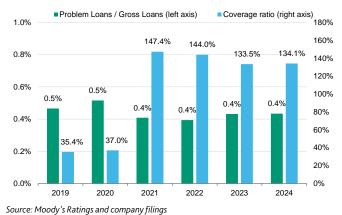
outstandingly strong coverage ratio of 134.1% as of the end of 2024, providing a very solid buffer against adverse developments, both shielding profitability and capital metrics. ZKB's increased provisions during the pandemic, and has only released a limited portion over time. Finally, the bank's loan book is highly granular and has limited exposure to the high-end luxury segments within the retail residential mortgage market.

ZKB has positioned itself as one of the larger providers of wealth and asset management offerings, both nationally and internationally. The bank had total client assets under management of CHF457.3 billion as of the end of December 2024, up CHF61.5 billion compared with the previous year, mainly market-performance related, and displaying solid net new money of CHF29.8 billion. ZKB's private banking operations will continue to be accompanied by certain execution as well as litigation, operational and reputational risks inherent to these activities.

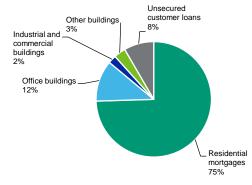
Exhibit 4

Exhibit 3

ZKB's asset quality is excellent and potential risks are covered by very high loan loss reserves



ZKB's loan book largely consists of residential mortgages Total loan book: CHF117 billion as of year-end 2024 Unsecured



Source: Moody's Ratings and company filings

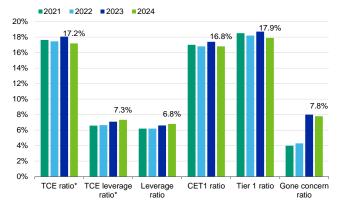
ZKB's solid capitalisation provides a strong buffer against adverse developments

Our aa2 assigned Capital score, in line with the initial score, reflects ZKB's solid capitalisation levels as well as our expectation of broadly stable capital ratios in the future, as increases in risk-weighted assets are expected to be offset by retained earnings.

ZKB's capitalisation remains solid, providing a good buffer against rising regulatory minima because of the bank's role as a domestic systemically important bank. The position is accompanied by a regulatory leverage ratio of 6.8% (going-concern), also well above the 4.5% requirement for systemically important banks. We expect the bank's capitalisation to remain stable at least, profit retention should balance potential growth in risk weighted assets.

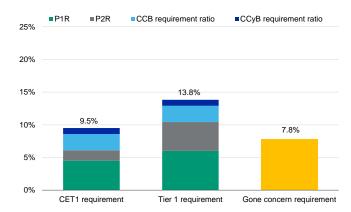
Further, the bank's sole owner, the Canton of Zurich provides a dotation capital frame of CHF3.4 billion. Of this capital frame, CHF2.4 billion has been drawn by ZKB and the remaining dotation capital of CHF1.0 billion is dedicated in full to the emergency planning of the bank, making the dotation capital reserve eligible as gone concern capital. As a consequence, the related amount can only be called by order of the Swiss Financial Market Supervisory Authority (FINMA) or by a person in charge of the restructuring designated by FINMA. Furthermore, we expect the canton to provide further capital support in the unlikely scenario that the bank's solvability is significantly strained.

Exhibit 5
ZKB comfortably exceeds its capital requirements



TCE = Tangible Common Equity (Moody's calculation; excludes high-trigger Additional Tier 1 instruments for all periods); CET1 = Common Equity Tier 1 Source: Moody's Ratings and company filings

Exhibit 6 ZKB's capital requirements as a percentage of RWA as of year-end 2024



P1R = Pillar 1 requirement; P2R = Pillar 2 requirement; CCoB = Capital conservation buffer requirement; CCyB = Countercyclical capital buffer requirement Source: Moody's Ratings and company filings

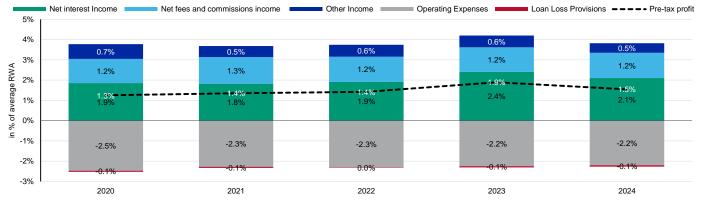
ZKB's diversified and stable earnings support its capital generation capacity

We assign a baa2 Profitability score, in line with the initial score, reflecting the bank's 0.5% average net income to tangible assets ratio during the 2022 to 2024 period and the bank's track record of very stable and increasingly diversified returns.

In 2024, profitability decreased, mainly due to the decline in rates, a trend that we expect to continue in 2025. These risks are at least partially offset by the positive effects the acquisition of asset manager Swisscanto has had on ZKB's revenue mix, lifting the bank's proportion of fee and commission (FCC) income, as evidenced in the 2024 numbers. ZKB's net profit was down from the record year 2023, mainly driven by lower interest income, with the decrease in revenues only partially compensated by stronger FCC.

Exhibit 7

ZKB's large share of fee and commission income diversifies its earnings stream



Source: Moody's Ratings and company filings

ZKB's exposure to wholesale funding sources is high, but mitigated by the guarantee

The assigned a1 Funding Structure score, seven notches above the ba2 initial score, reflects the guarantee provided by the canton on ZKB's senior obligations, which results in the bank being regarded as a safe haven in times of market turmoil.

ZKB's market funding dependence remains high. With repo and interbank liabilities of CHF47.7 billion as of 31 December 2024, ZKB is a net borrower in the interbank market and is a frequent bond issuer. Both the bank's interbank liability structure and its market funding benefit from the guarantee provided by the canton.

As of year-end 2024, ZKB's market funding also consisted of CHF7.6 billion of senior unsecured bond issuances, CHF11.2 billion of covered bonds (sourced via the Pfandbriefzentrale of the Swiss cantonal banks), CHF4.4 billion of structured notes, CHF3.9 billion of trading and derivative liabilities, and CHF1.8 billion of issued bail-in bonds, which represents junior senior unsecured debt that counts towards the bank's gone-concern capital requirement. However, the primary funding source for ZKB was its CHF107.2 billion customer deposit base, which increased by CHF5.5 billion from year-end 2023 with a higher demand in certificate deposits, resulting in a largely unchanged loan-to-deposit ratio of 111% as of year-end 2024.

Deposits Liabilities to banks Issued securities Other liabilities Equity Market funds ratio* (right axis)

100%
90%
80%
70%
60%

Exhibit 8

ZKB's market funding reliance remains elevated, but is mostly mitigated by the deficiency guarantee

2020

Market funds ratio = Market funds/tangible banking assets. Source: Moody's Ratings and company filings

2019

37%

50%

40% 30% 20% 10% 0%

ZKB benefits from a highly liquid balance sheet

Our a1 assigned Liquid Resources score, in line with the initial score, takes into account ZKB's highly liquid balance sheet, but also the bank's conservative liquidity management in the context of its high share of wholesale funding displaying moderate outflow risks. In addition, the bank has leeway to source additional liquidity from the SNB if required. ZKB, as a systemically important bank has to adhere to stricter LCR requirements that exceed the usual 30 day period, ensuring liquidity over a longer time horizon, though coverage goes beyond highly liquid assets and includes alternative instruments and measures.

2021

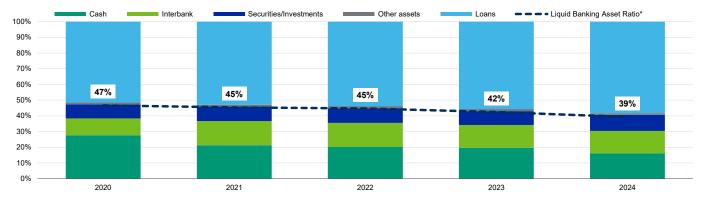
2023

As a share of tangible banking assets, ZKB's liquid banking assets stood at 39.3% as of December 2024, compared to 42.5% in December 2023, exceeding the bank's market funding ratio of 34.2%. While liquidity has declined, it remains strong, particular on the back of the term structure of the market funding and the available guarantees, both limiting refinancing risks.

As of year-end 2024, ZKB's CHF79.6 billion of liquid banking assets were comprised of CHF32.7 billion of cash and central bank deposits, CHF28.8 billion of interbank and other financial institution assets, CHF13.4 billion of trading assets, and CHF2.4 billion of repo-eligible liquid securities as of 31 December 2024. With the SNB carry trade opportunity having vanished with higher rates and a change in the SNB's renumeration policy for banks' sight deposits, the incentives to hold high liquid reserves were reduced further. At the same time, stricter liquidity requirements for systemically important banks in Switzerland that came into effect on 1 January 2024 support ZKB's Liquidity Coverage Ratio (LCR), which stood at 142% on average at the end of 2024. Furthermore, ZKB's Net Stable Funding Ratio (NSFR) reached 116% as of year-end 2024.

2024

Exhibit 9 **ZKB's balance sheet remains highly liquid**



Liquid banking assets ratio = Liquid banking assets/tangible banking assets. Source: Moody's Ratings and company filings

ESG considerations

Zuercher Kantonalbank's ESG credit impact score is CIS-2

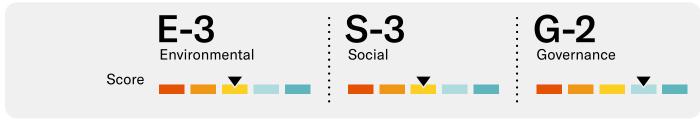
Exhibit 10
ESG credit impact score



Source: Moody's Ratings

ZKB's CIS-2 indicates that ESG considerations do not have a material impact on the current rating.

Exhibit 11
ESG issuer profile scores



Source: Moody's Ratings

Environmental

ZKB faces moderate exposure to environmental risks primarily because of its portfolio exposure to carbon transition risk as a mostly regional banking group. In line with its peers, ZKB is facing mounting business risks and stakeholder pressure to meet broader carbon transition goals. Carbon transition risks relate mostly to its corporate loan book, which represents about a quarter of the bank's lending portfolio, with the remainder comprising residential real estate.

Social

ZKB faces moderate social risks related to customer relations and associated regulatory risks, litigation exposure, and high compliance standards. These risk exposures emerge primarily from its retail as well as its wealth and asset management operations and they are mitigated by the bank's developed policies and procedures. Furthermore, the bank's long track record of handling sensitive customer data as well as technology solutions and organizational measures to prevent data breaches and business disruption help to manage high cyber and personal data risks.

Governance

ZKB faces low governance risks, and its risk management, policies and procedures are in line with industry practices, and commensurate with its universal banking model. Also, despite the fact that the bank is fully owned by the Canton of Zurich, all the members of its board of directors are considered independent.

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 here to go to the landing page for the entity/transaction on MDC and view the ESG Scores section.

Support and structural considerations

Affiliate support

ZKB benefits from parental support from the Canton of Zurich. Parental support materially reduces the probability of default, as it would be available to stabilise a distressed bank and not just compensate for losses in resolution.

We consider an "affiliate-backed" level of support, given the maintenance guarantee the Canton of Zurich extends to ZKB. The maintenance guarantee requires the canton to inject capital into ZKB, in case of need, until the canton defaults itself. Parental support provides three notches of rating uplift from the a1 BCA, leading to an aa1 Adjusted BCA.

Loss Given Failure analysis

ZKB is subject to Swiss banking regulations, which we consider an operational resolution regime. We therefore apply our Advanced LGF analysis, which takes into consideration the risks faced by the different debt and deposit classes across the liability structure at failure. In our Advanced LGF analysis, we apply our standard assumptions, but assign a 100% probability to deposits being preferred to senior unsecured debt, thereby reflecting depositor preference by law in Switzerland.

ZKB's senior unsecured debt includes structured products, which are a potentially more volatile funding source. The amount incorporated in our Advanced LGF analysis is the lower of the last reported or three-year average structured product volume and we assume a 50% run-off prior to failure. Structured products issued by Zuercher Kantonalbank Finance (Guernsey) Ltd. are out of scope for our Advanced LGF analysis, since we believe that the Swiss regulator FINMA would have no bail-in powers over this entity. The results of our Advanced LGF analysis are:

- » For junior deposits, our Advanced LGF analysis indicates an extremely low loss given failure, leading to one notch (rather than three notches) of rating uplift (because of the Aaa rating ceiling) from the bank's aa1 Adjusted BCA, resulting in a aaa Preliminary Rating Assessment.
- » For senior unsecured debt, from which ZKB's backed issuer ratings are derived, our Advanced LGF analysis indicates a low loss given failure, leading to one notch of rating uplift from the bank's aa1 Adjusted BCA, resulting in a aaa Preliminary Rating Assessment.
- » For junior senior unsecured and subordinated debt, our Advanced LGF analysis indicates a high loss given failure, leading us to position their Preliminary Rating Assessments at aa2, one notch below the aa1 Adjusted BCA.

Government support

We assess the probability of sovereign support for ZKB's senior obligations in a stress scenario to be moderate because of the bank's high national market shares in key banking products and its relative importance to Switzerland's banking system. However, since the Canton of Zurich must provide support to ZKB prior to failure because of the maintenance guarantee and given the uplift provided by our Advanced LGF analysis for the bank's senior obligations, ZKB's senior ratings do not benefit from further sovereign government support.

Methodology and scorecard

Methodology

The principal methodology we used in rating ZKB was our **Banks Methodology**, published in November 2024.

About Moody's Bank Scorecard

Our Bank Scorecard is designed to capture, express and explain in summary form our Rating Committee's judgment. When read in conjunction with our research, a fulsome presentation of our judgment 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 12

Rating Factors

| 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 | 0.4% | aa1 | \leftrightarrow | a1 | Quality of assets | Sector concentration |
| Capital | | | | | | |
| Tangible Common Equity / Risk Weighted Assets (Basel III - transitional phase-in) | 17.2% | aa2 | \leftrightarrow | aa2 | Expected trend | Risk-weighted capitalisation |
| Profitability | | | | | | |
| Net Income / Tangible Assets | 0.5% | baa2 | \leftrightarrow | baa2 | Return on assets | Expected trend |
| Combined Solvency Score | | aa3 | | a1 | | |
| Liquidity | | | | | | |
| Funding Structure | | | | | | |
| Market Funds / Tangible Banking Assets | 34.2% | ba1 | \leftrightarrow | a1 | Extent of market funding reliance | Market funding quality |
| Liquid Resources | | | | | | |
| Liquid Banking Assets / Tangible Banking Assets | 39.3% | a1 | \leftrightarrow | a1 | Stock of liquid assets | Quality of liquid assets |
| Combined Liquidity Score | | baa1 | | a1 | | |
| Financial Profile | | a1 | | a1 | | |
| Qualitative Adjustments | | | | Adjustment | | |
| Business Diversification | | | | 0 | | |
| Opacity and Complexity | | | | 0 | | |
| Corporate Behavior | | | | 0 | | |
| Total Qualitative Adjustments | | | | 0 | | |
| Sovereign or Affiliate constraint | | | | - | | |
| BCA Scorecard-indicated Outcome - Range | | | | aa3 - a2 | | |
| Assigned BCA | | | | a1 | | |
| Affiliate Support notching | | | | - | | |
| Adjusted BCA | | | | aa1 | | |

Balance Sheet is not applicable.

| Debt Class | De Jure w | aterfal | l De Facto v | De Facto waterfall Not | | Notching LGF | | Assigned | Additional Preliminary | |
|--------------------------------------|---|---------|---|------------------------|---------|--------------|--|----------|------------------------|----------------------|
| | Instrument volume + o subordination | rdinati | Instrument on volume + c subordinatio | rdination | De Jure | De Facto | Notching Guidance vs. Adjusted BCA | | Notching | Rating Assessment |
| Counterparty Risk Rating | - | - | - | - | - | - | - | 1 | 0 | aaa |
| Counterparty Risk Assessment | - | - | - | - | - | - | - | 1 | 0 | aaa (cr) |
| Deposits | - | - | - | - | - | - | - | 1 | 0 | aaa |
| Senior unsecured bank debt | - | - | - | - | - | - | - | 1 | 0 | aaa |
| Junior senior unsecured bank debt | - | - | - | - | - | - | - | -1 | 0 | aa2 |
| Dated subordinated bank debt | - | - | - | - | - | - | - | -1 | 0 | aa2 |
| Non-cumulative bank preference share | s - | - | - | - | - | - | - | -1 | -2 | a1 |

| Instrument Class | Loss Given Failure notching | Additional notching | Preliminary Rating Assessment | Government Support notching | Local Currency Rating | Foreign Currency Rating |
|---------------------------------------|--------------------------------|------------------------|----------------------------------|--------------------------------|--------------------------|-------------------------------|
| Counterparty Risk Rating | 1 | 0 | aaa | 0 | Aaa | Aaa |
| Counterparty Risk Assessment | 1 | 0 | aaa (cr) | 0 | Aaa(cr) | |
| Deposits | 1 | 0 | aaa | 0 | Aaa | Aaa |
| Senior unsecured bank debt | 1 | 0 | aaa | 0 | Aaa | Aaa |
| Junior senior unsecured bank debt | -1 | 0 | aa2 | 0 | Aa2 | Aa2 |
| Dated subordinated bank debt | -1 | 0 | aa2 | 0 | | Aa2 |
| Non-cumulative bank preference shares | -1 | -2 | a1 | 0 | A1 (hyb) | |
| | | | | | | |

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

Source: Moody's Ratings

Ratings

Exhibit 13

| Category | Moody's Rating |
|--------------------------------------|----------------|
| ZUERCHER KANTONALBANK | |
| Outlook | Stable |
| Bkd Bank Deposits | Aaa/P-1 |
| Baseline Credit Assessment | a1 |
| Adjusted Baseline Credit Assessment | aa1 |
| Bkd Issuer Rating | Aaa |
| Junior Senior Unsecured | Aa2 |
| Subordinate | Aa2 |
| Pref. Stock Non-cumulative -Dom Curr | A1 (hyb) |
| Source: Moody's Ratings | |

Endnotes

1 As of January 2019, new gone concern capital requirements, equal to 40% of the going concern capital requirements for domestic systemically important banks such as ZKB came into effect, phasing in until January 2026. Moreover, in September 2019, FINMA levied additional gone concern capital requirements on ZKB, which will also phase in and result in a total gone concern capital requirement of 7.9% of RWA in 2026

© 2025 Moody's Corporation, Moody's Investors Service, Inc., Moody's Analytics, Inc. and/or their licensors and affiliates (collectively, "MOODY'S"). All rights reserved. CREDIT RATINGS ISSUED BY MOODY'S CREDIT RATINGS AFFILIATES ARE THEIR CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, CREDIT COMMITMENTS, OR DEBT OR DEBT-LIKE SECURITIES, AND MATERIALS, PRODUCTS, SERVICES AND INFORMATION PUBLISHED OR OTHERWISE MADE AVAILABLE BY MOODY'S (COLLECTIVELY, "MATERIALS") MAY INCLUDE SUCH CURRENT OPINIONS. MOODY'S 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 MOODY'S RATING SYMBOLS AND DEFINITIONS PUBLICATION FOR INFORMATION ON THE TYPES OF CONTRACTUAL FINANCIAL OBLIGATIONS ADDRESSED BY MOODY'S CREDIT RATINGS. 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 MOODY'S MATERIALS ARE NOT STATEMENTS OF CURRENT OR HISTORICAL FACT. MOODY'S MATERIALS MAY ALSO INCLUDE QUANTITATIVE MODEL-BASED ESTIMATES OF CREDIT RISK AND RELATED OPINIONS OR COMMENTARY PUBLISHED BY MOODY'S ANALYTICS, INC. AND/OR ITS AFFILIATES. MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND MATERIALS DO NOT CONSTITUTE OR PROVIDE INVESTMENT OR FINANCIAL ADVICE, AND MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND MATERIALS ARE NOT AND DO NOT PROVIDE RECOMMENDATIONS TO PURCHASE, SELL, OR HOLD PARTICULAR SECURITIES. MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND MATERIALS DO NOT COMMENT ON THE SUITABILITY OF AN INVESTMENT FOR ANY PARTICULAR INVESTOR. MOODY'S ISSUES ITS CREDIT RATINGS, ASSESSMENTS AND OTHER OPINIONS AND PUBLISHES OR OTHERWISE MAKES AVAILABLE ITS MATERIALS WITH THE EXPECTATION AND UNDERSTANDING THAT EACH INVESTOR WILL, WITH DUE CARE, MAKE ITS OWN STUDY AND EVALUATION OF EACH SECURITY THAT IS UNDER CONSIDERATION FOR PURCHASE, HOLDING, OR SALE.

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

ALL INFORMATION CONTAINED HEREIN 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 MOODY'S PRIOR WRITTEN CONSENT. FOR CLARITY, NO INFORMATION CONTAINED HEREIN MAY BE USED TO DEVELOP, IMPROVE, TRAIN OR RETRAIN ANY SOFTWARE PROGRAM OR DATABASE, INCLUDING, BUT NOT LIMITED TO, FOR ANY ARTIFICIAL INTELLIGENCE, MACHINE LEARNING OR NATURAL LANGUAGE PROCESSING SOFTWARE, ALGORITHM, METHODOLOGY AND/OR MODEL.

MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND MATERIALS 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 MOODY'S 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. MOODY'S adopts all necessary measures so that the information it uses in assigning a credit rating is of sufficient quality and from sources MOODY'S considers to be reliable including, when appropriate, independent third-party sources. However, MOODY'S is not an auditor and cannot in every instance independently verify or validate information received in the credit rating process or in preparing its Materials.

To the extent permitted by law, MOODY'S 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 MOODY'S 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 MOODY'S.

To the extent permitted by law, MOODY'S 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, MOODY'S 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 MOODY'S IN ANY FORM OR MANNER WHATSOEVER.

Moody's Investors Service, Inc., a wholly-owned credit rating agency subsidiary of Moody's Corporation ("MCO"), hereby discloses that most issuers of debt securities (including corporate and municipal bonds, debentures, notes and commercial paper) and preferred stock rated by Moody's Investors Service, Inc. have, prior to assignment of any credit rating, agreed to pay Moody's Investors Service, Inc. for credit ratings opinions and services rendered by it. MCO and all MCO entities that issue ratings under the "Moody's Ratings" brand name ("Moody's Ratings"), also maintain policies and procedures to address the independence of Moody's Ratings' credit ratings and credit rating processes. Information regarding crudian affiliations that may exist between directors of MCO and rated entities, and between entities who hold credit ratings from Moody's Investors Service, Inc. and have also publicly reported to the SEC an ownership interest in MCO of more than 5%, is posted annually at ir.moodys.com under the heading "Investor Relations — Corporate Governance — Charter and Governance Documents - Director and Shareholder Affiliation Policy."

Moody's SF Japan K.K., Moody's Local AR Agente de Calificación de Riesgo S.A., Moody's Local BR Agência de Classificação de Risco LTDA, Moody's Local MX S.A. de C.V, I.C.V., Moody's Local PE Clasificadora de Riesgo S.A., and Moody's Local PA Calificadora de Riesgo S.A. (collectively, the "Moody's Non-NRSRO CRAs") are all indirectly wholly-owned credit rating agency subsidiaries of MCO. None of the Moody's Non-NRSRO CRAs is a Nationally Recognized Statistical Rating Organization.

Additional terms for Australia only: Any publication into Australia of this document is pursuant to the Australian Financial Services License of MOODY'S affiliate, Moody's Investors Service Pty Limited ABN 61 003 399 657AFSL 336969 and/or Moody's Analytics Australia Pty Ltd ABN 94 105 136 972 AFSL 383569 (as applicable). This document is intended to be provided only to "wholesale clients" within the meaning of section 761G of the Corporations Act 2001. By continuing to access this document from within Australia, you represent to MOODY'S that you are, or are accessing the document as a representative of, a "wholesale client" and that neither you nor the entity you represent will directly or indirectly disseminate this document or its contents to "retail clients" within the meaning of section 761G of the Corporations Act 2001. MOODY'S credit rating is an opinion as to the creditworthiness of a debt obligation of the issuer, not on the equity securities of the issuer or any form of security that is available to retail investors.

Additional terms for India only: Moody's credit ratings, Assessments, other opinions and Materials are not intended to be and shall not be relied upon or used by any users located in India in relation to securities listed or proposed to be listed on Indian stock exchanges.

Additional terms with respect to Second Party Opinions and Net Zero Assessments (as defined in Moody's Ratings Rating Symbols and Definitions): Please note that neither a Second Party Opinion ("SPO") nor a Net Zero Assessment ("NZA") is a "credit rating". The issuance of SPOs and NZAs is not a regulated activity in many jurisdictions, including Singapore. JAPAN: In Japan, development and provision of SPOs and NZAs fall under the category of "Ancillary Businesses", not "Credit Rating Business", and are not subject to the regulations applicable to "Credit Rating Business" under the Financial Instruments and Exchange Act of Japan and its relevant regulation. PRC: Any SPO: (1) does not constitute a PRC Green Bond Assessment as defined under any relevant PRC laws or regulations; (2) cannot be included in any registration statement, offering circular, prospectus or any other documents submitted to the PRC regulatory authorities or otherwise used to satisfy any PRC regulatory disclosure requirement; and (3) cannot be used within the PRC for any regulatory purpose or for any other purpose which is not permitted under relevant PRC laws or regulations. For the purposes of this disclaimer, "PRC" refers to the mainland of the People's Republic of China, excluding Hong Kong, Macau and Taiwan.

REPORT NUMBER

1451358

Contacts

Francesco Masciandaro +49.69.86790.2142

Sr Ratings Associate

francesco.masciandaro@moodys.com

CLIENT SERVICES

 Americas
 1-212-553-1653

 Asia Pacific
 852-3551-3077

 Japan
 81-3-5408-4100

 EMEA
 44-20-7772-5454