

Basler Kantonalbank

Key Rating Drivers

Support Drives Ratings: Basler Kantonalbank's (BKB) Long-Term Issuer Default Rating (IDR) and Shareholder Support Rating (SSR) are based on support from its majority owner, the Canton of Basel-Stadt, and reflect Fitch Ratings' view of an extremely high probability of timely support, if needed. The canton owns 86% of BKB and holds 100% of its voting rights.

Cantonal Guarantee: The ratings are underpinned by Fitch's view of the canton's creditworthiness and by the cantonal guarantee of BKB's non-subordinated liabilities under a specific cantonal law (the BKB Law). The cantonal guarantee applies to BKB as a legal entity and excludes BKB's operating subsidiaries, notably Bank Cler. However, in practice, Fitch believes that the canton would provide some indirect support to Bank Cler, as Fitch expects the supervisory authorities would require BKB to support Bank Cler in case of failure.

Support Manageable for Canton: BKB's consolidated assets (CHF56 billion at end-2024) are large relative to the canton's GDP (CHF41 billion at end-2022) and budgetary resources, but Fitch believes the bank's stable and resilient business model and its capital buffers mean recapitalisation needs would be manageable for the canton in a realistic stress scenario. This view is underpinned by the canton's strong economic fundamentals, including strong financial flexibility and low debt burden. We believe that support would be provided in a timely fashion, as BKB's default would constitute a huge reputational risk for the canton.

Universal Cantonal Bank: BKB's Viability Rating (VR) is based on our assessment of its consolidated profile and reflects its stable and low-risk business model, although it is concentrated on residential real estate in the Basel region and, through Bank Cler, across Switzerland. Our assessment benefits from low levels of impaired loans and strong capitalisation. It also reflects BKB's small size, modest nationwide franchise, adequate but consistent profitability, and sound funding.

Large Real Estate Exposure: We view BKB's asset quality as strong, benefitting from conservative underwriting standards in mostly low-risk mortgage lending, which should protect it from a meaningful real estate price correction. We expect the impaired loans ratio (end-2024: 0.7%) to remain below 1% in 2025. Residential mortgage loans account for around three-quarters of the loan book. Non-residential mortgage loans relate mainly to office and commercial spaces, which are higher risk, and industrial premises.

Declining Profitability: BKB's profitability has been relatively stable but is modest relative to peers. We forecast the operating profit/risk-weighted assets (RWAs) ratio will drop just below 1% in 2025, as net interest income, the bank's main revenue pillar, decreases due to lower policy rates. We expect the earnings contribution from fee income to be broadly stable and loan impairment charges to normalise but remain low. Operating costs are likely to increase on the back of higher staff costs and continued IT investments.

Strong Capitalisation: The bank's end-2024 common equity Tier 1 ratio was 17.6%, comparable with that of domestic peers. The canton expects a minimum dividend from BKB of CHF65 million annually averaged over the four-year strategy period, although the actual pay-out is typically higher. The canton has also agreed that the bank maintains a 3%–7% buffer over total capital regulatory requirements on an unconsolidated basis.

Stable Funding: BKB's funding benefits from its stable and granular retail deposit base, with a loans/deposits ratio of 123% at end-2024, down from 130% at end-2023. We view the bank's capital market franchise as weaker than listed Swiss peers, and with some concentration of large institutional deposits and a reliance on short-term funding. However, we also believe that funding and liquidity benefit from the cantonal guarantee.

Ratings

Foreign Currency

Long-Term IDR AAA Short-Term IDR F1+

Viability Rating a
Shareholder Support Rating aaa

Sovereign Risk (Switzerland)

Long-Term Foreign-Currency IDR
Long-Term Local-Currency IDR
Country Ceiling
AAA

Outlooks

Long-Term Foreign-Currency IDR

Sovereign Long-Term Stable Foreign-Currency IDR

Sovereign Long-Term Stable Local-Currency IDR

Highest ESG Relevance Scores

Environmental	2
Social	3
Governance	3

Applicable Criteria

Bank Rating Criteria (March 2025)

Related Research

Fitch Affirms Basler Kantonalbank at 'AAA'; Outlook Stable (June 2025)

Fitch Affirms Switzerland at 'AAA'; Outlook Stable (April 2025)

Global Economic Outlook (June 2025)

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Rating Sensitivities

Factors that Could, Individually or Collectively, Lead to Negative Rating Action/Downgrade

BKB's IDRs and SSR are primarily sensitive to adverse changes in our assessment of the canton's ability or propensity to support the bank. A material increase in the canton's contingent liabilities, which are dominated by BKB, could put pressure on BKB's IDRs. Contingent liabilities could increase, for instance, because of sustained growth of the bank's balance sheet in excess of the canton's GDP growth or due to a material delay by the canton in promptly addressing a potential capital shortfall at BKB. A deterioration of the canton's creditworthiness would also result in a downgrade of BKB.

BKB's IDRs and SSR are also sensitive to unfavourable changes in its relationship with the canton, particularly if the BKB Law is amended in a way that would weaken the guarantee's effectiveness or cast doubt on the timeliness of support. This could also negatively affect the VR, as our assessments of BKB's business profile (especially franchise), and funding and liquidity both include ordinary support. However, we view this scenario as unlikely.

The VR would be likely to be downgraded on a sharp drop in property prices in Switzerland, resulting in significant asset-quality deterioration, with an impaired loans ratio materially and durably above 2%, and a common equity Tier 1 ratio below 16%. However, Fitch does not expect a significant house price correction in Switzerland over the next few years.

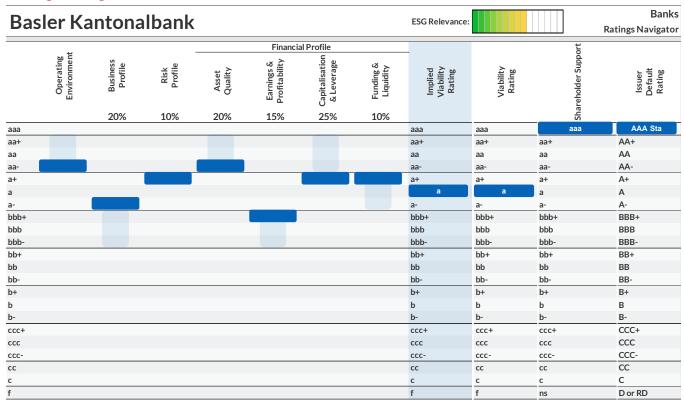
The VR would also come under pressure if profitability materially deteriorates or if BKB increases its risk appetite, which could be indicated by higher loan growth at the expense of underwriting standards.

Factors that Could, Individually or Collectively, Lead to Positive Rating Action/Upgrade

The Long-Term IDR is at the highest level on Fitch's scale and cannot be upgraded.

An upgrade of BKB's VR would require an improved business profile, particularly a more diverse business model, leading to more diversified revenue, together with a record of strengthened profitability and healthy financial metrics, notably capitalisation.

Ratings Navigator



The Key Rating Driver (KRD) weightings used to determine the implied VR are shown as percentages at the top. In cases where the implied VR is adjusted upwards or downwards to arrive at the VR, the KRD associated with the adjustment reason is highlighted in red. The shaded areas indicate the benchmark-implied scores for each KRD.

VR - Adjustments to Key Rating Drivers

The business profile score of 'a-' is above the 'bbb' category implied score due to the following adjustment reason: business model (positive).

The capitalisation and leverage score of 'a+' is below the 'aa' category implied score due to the following adjustment reason: capital flexibility and ordinary support (negative).

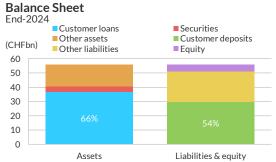
Company Summary and Key Qualitative Factors

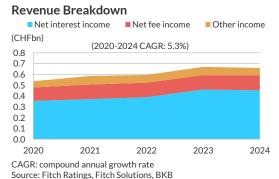
Business Profile

BKB is Switzerland's fourth-largest cantonal bank. Its business model, underpinned by its public service mandate outlined in the BKB Law, focuses on providing financial services to retail and commercial customers in the Canton of Basel-Stadt, supporting the regional economy. However, the group is also active throughout Switzerland through its wholly owned subsidiary Bank Cler, whose activities are excluded from the cantonal guarantee and are not governed by the regional public mandate. Bank Cler accounts for over a third of BKB's consolidated assets and is a nationwide retail and SME bank, focusing mainly on residential real estate lending.

BKB is well established in Basel, with strong local mortgage market shares. However, the group's nationwide franchise is modest, with low single-digit market shares in domestic deposits and mortgage loans, reflecting the cantonal bank's local focus and Bank Cler's small size.

BKB's strategic objectives are well-articulated and their stability is ensured by the bank's public service mandate. BKB's focus lies on digitalisation, increased efficiency and process optimisation and commitment to sustainability in both core business and operations. The bank is aiming for profitable growth in its core segments and new niches, with partnerships being an important pillar in its strategy implementation.





Source: Fitch Ratings, Fitch Solutions, BKB

Risk Profile

We view BKB's underwriting standards as low risk and conservative. The BKB Law requires the bank to avoid excessive risk-taking, which has resulted in broadly stable and sound asset-quality metrics. Lending is focused mainly on residential mortgage loans. Average loan-to-value (LTV) ratios are in line with Swiss peers', but higher than European peers' due to many clients stopping loan amortisations after target LTV ratios are reached (typically two-thirds). The assumptions used to determine property values are conservative and should protect the bank from losses should there be a meaningful decline in real estate prices. In line with Swiss peers, BKB applies stressed interest rates when calculating loan affordability.

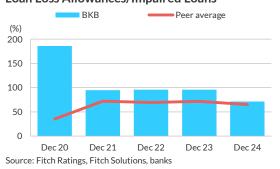
Gross loan growth slowed in 2024 to 1.8% and we expect it to remain around these levels or lower in the next two years. Loan growth is driven by residential property financing (2024: 3%), largely for investment properties. Non-residential real estate financing decreased in 2024 and remains a fairly small part of the overall loan book.

Market risk is mainly structural interest rate risk in the banking book, which is appropriately managed through hedging. Trading assets are moderate in proportion to the balance sheet and are mostly to support client needs.

Loan Growth



Loan Loss Allowances/Impaired Loans



Financial Profile

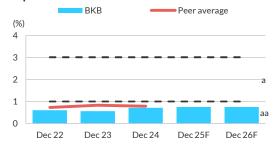
Asset Quality

BKB's asset-quality metrics remain strong, and it has had limited credit losses, due to its focus on low-risk mortgage lending and sound underwriting standards. Low mortgage interest rates relative to the bank's stressed interest rates used for affordability calculations, in combination with a resilient labour market in Switzerland, support credit performance further. The impaired loans ratio increased slightly to 0.7% at end-2024 (end-2023: 0.6%).

BKB's CHF37.1 billion loan book is dominated by mortgage loans (end-2024: 90% of gross loans), with about a third of financed properties in the Basel region. Mortgage loans are mostly residential and include a significant share of investment properties, to both private and professional investors. There are some mortgages to finance office and commercial properties, which are more exposed to structural changes and price corrections, but these are generally extended at lower LTV ratios. The bank also finances some industrial premises. Other loans are mainly unsecured, diversified by industry, and relate to corporate and SME borrowers.

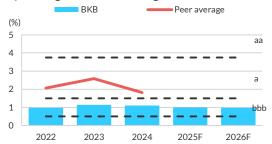
The bank's material real estate exposure means that a sharp drop in prices is a key risk; we continue to view office and commercial property as vulnerable to a price correction. We believe that a sharp decline in residential property prices is unlikely in the medium term due to strong immigration and lagging supply, but vacancies could increase and prices come under pressure if the economy deteriorates alongside a sharp rise in unemployment and lower immigration. We expect the impaired loans ratio to only slightly increase over the next two years, supported by our expectation of declining policy rates and a strong labour market.

Impaired Loans/Gross Loans



Source: Fitch Ratings, Fitch Solutions, banks

Operating Profit/Risk-Weighted Assets



Source: Fitch Ratings, Fitch Solutions, banks

Earnings and Profitability

BKB's revenue is reliant on net interest income (NII) (69% of 2024 operating income) and is less diverse than that of its closest domestic peer, Zuercher Kantonalbank (AAA/Stable/a+). BKB's net income increased by 10% in 2024 to CHF186 million. The main driver behind this increase was lower contributions to reserves for general banking risks, with operating profit unchanged. Lower operating costs as calculated by Fitch and higher net fees and commissions compensated for decreasing NII (2%) and trading income (13%). The group's asset quality benefitted from broadly favourable economic conditions in Switzerland in 2024, resulting in low loan impairment charges. Operating costs spiked in 2023 on higher project and staff costs, but decreased by 3% in 2024. This led to the cost/income ratio improving to 59% (2023: 60%).

We expect BKB's operating profit/RWAs ratio to decline in 2025 as lower policy rates will continue to affect NII. We expect trading income contributions to remain modest and a generally stable proportion of fee income. Discretionary wealth management mandates are increasing, but from a low base. BKB's cost/income ratio is higher than European retail banking peers'. BKB continues to streamline processes and simplify operations, but its public service mandate and commitment to maintain a dense branch network are likely to keep the cost base larger and less flexible than at peers without such a mandate. We expect rising loan impairment charges in 2025, although they will remain low on robust economic conditions including a resilient labour market and low interest rates.

Capitalisation and Leverage

BKB's capital ratios are high compared with European peers' and in line with domestic peers'. This is despite BKB's higher RWA density due to the bank's standardised approach for calculating credit-risk RWAs, which it plans to maintain. BKB's total capital ratio decreased marginally to 18.5% at end-2024 from 18.7% at end-2023, which is still comfortably above the 13% regulatory minimum requirement and strategic target of 16%.

Reserves for general banking risks and retained earnings accounted for 92% of BKB's capital at end-2024, excluding own capital held by the bank. The remaining 8% comprised mainly BKB's CHF304 million endowment capital, provided by the canton for an unlimited period, and CHF50.2 million listed profit participation notes (without voting rights). BKB can draw a further CHF46 million endowment capital from the canton – an arrangement that has been in place since 2000. Any additional increase is subject to the approval of the canton's parliament. The BKB Law also states that participation capital cannot exceed the level of outstanding endowment capital, limiting BKB's ability to raise equity capital on the market.

CET1 Ratio BKB Peer average (%) 20 15 10 5

Dec 24

Dec 25F

Dec 26F

Source: Fitch Ratings, Fitch Solutions, banks

Dec 23

Gross Loans/Customer Deposits



Source: Fitch Ratings, Fitch Solutions, banks

Funding and Liquidity

Dec 22

BKB's funding profile is underpinned by its large, and mainly retail, customer deposit base, which forms more than half of its total liabilities and equity. There is some concentration of institutional and corporate deposits at the parent bank, which occasionally drives loans/deposits ratio fluctuations. We do not expect the loans/deposits ratio to increase substantially, although competition for deposits is likely to intensify.

The parent bank and Bank Cler are funded separately, with limited intragroup funding. BKB issues covered bonds regularly via the Pfandbriefzentrale der schweizerischen Kantonalbanken AG and issued two senior unsecured bonds in 2024. Its wholesale funding access benefits from the bank's strong financial profile and the cantonal guarantee covering most of its liabilities. Funding is mainly in Swiss francs and remains fairly reliant on short-term instruments; wholesale maturity volumes in the next five years are manageable.

BKB's large portfolio of high-quality liquid assets (end-2024: CHF7.7 billion) mainly comprises Swiss National Bank sight deposits, cash holdings and Swiss covered bonds held as financial investments. BKB's liquidity coverage ratio remained resilient at 132% and the net stable funding ratio (end-2024: 126.6%) was comfortably above the 100% regulatory requirement.

Additional Notes on Charts

The forecasts in the charts in this section reflect Fitch's forward view on the bank's core financial metrics per Fitch's *Bank Rating Criteria*. They are based on a combination of Fitch's macroeconomic forecasts, outlook of the sector level and company-specific considerations. As a result, Fitch's forecasts may materially differ from the guidance provided by the rated entity to the market.

To the extent Fitch is aware of material non-public information with respect to future events, such as planned recapitalisations or merger and acquisition activity, Fitch will not reflect these non-public future events in its published forecasts. However, where relevant, such information is considered by Fitch as part of the rating process.

Black dashed lines represent indicative quantitative ranges and implied scores for Fitch's core financial metrics for banks operating in the environments that Fitch scores in the 'aa' category.

The peer average includes Zuercher Kantonalbank (VR: a+), Raiffeisen Group (a+), UBS Switzerland AG (a), Santander UK Group Holdings plc (a) and de Volksbank N.V. (a-).



Financials

Financial Statements

	31 Dec 21	31 Dec 22	31 Dec 23	31 Dec 24	31 Dec 25F	31 Dec 26F
	12 months	12 months	12 months	12 months	12 months	12 months
	(CHFm)	(CHFm)	(CHFm)	(CHFm)	(CHFm)	(CHFm)
Summary income statement						
Net interest and dividend income	370	389	459	453	-	-
Net fees and commissions	135	135	134	140	-	-
Other operating income	85	74	80	71	-	-
Total operating income	590	598	674	664	655	648
Operating costs	371	368	399	387	395	400
Pre-impairment operating profit	219	230	275	277	260	248
Loan and other impairment charges	-4	-1	-1	2	9	2
Operating profit	222	231	276	275	251	246
Other non-operating items (net)	-90	-79	-91	-75	-	-
Tax	11	13	16	14	-	-
Net income	121	139	169	186	179	168
Other comprehensive income	-	-	-	-	-	-
Total comprehensive income	121	139	169	186	-	-
Summary balance sheet						
Assets						
Gross loans	33,456	34,977	36,499	37,144	37,515	37,890
- Of which impaired	222	211	205	263		
Loan loss allowances	211	202	196	187	-	
Net loans	33,245	34,775	36,303	36,957	-	
Interbank	555	821	306	1,026	-	
Derivatives	322	115	160	263	-	
Other securities and earning assets	9,159	10,584	8,372	10,026	-	
Total earning assets	43,281	46,295	45,140	48,272	-	
Cash and due from banks	9,870	8,086	6,952	7,252	-	
Other assets	319	848	584	368	-	
Total assets	53,470	55,229	52,677	55,892	56,331	56,781
Liabilities						
Customer deposits	27,922	31,205	28,082	30,132	30,283	30,435
Interbank and other short-term funding	9,598	8,361	8,276	9,100	-	-
Other long-term funding	10,920	10,905	11,383	11,722	_	-
Trading liabilities and derivatives	605	305	214	80		
Total funding and derivatives	49,045	50,776	47,955	51,035		
Other liabilities	348	243	341	314		
Preference shares and hybrid capital	-		-	-	_	
Total equity	4,077	4,211	4,381	4,544		
Total liabilities and equity	53,470	55,229	52,677	55,892	56,331	56,781
Exchange rate	USD1 = CHF0.9202	USD1 = CHF0.9303	USD1 = CHF0.8547	USD1 = CHF0.8966	-	-

Key Ratios

(%)	31 Dec 21	31 Dec 22	31 Dec 23	31 Dec 24	31 Dec 25F	31 Dec 26F
Profitability						
Operating profit/risk-weighted assets	1.0	1.0	1.1	1.1	1.0	1.0
Net interest income/average earning assets	0.8	0.9	1.0	1.0	0.9	0.9
Non-interest expense/gross revenue	63.4	62.0	59.7	58.7	60.3	61.8
Net income/average equity	3.0	3.4	4.0	4.2	-	-
Asset quality						
Impaired loans/gross loans	0.7	0.6	0.6	0.7	0.8	0.8
Growth of gross loans	2.0	4.6	4.4	1.8	1.0	1.0
Loan loss allowances/impaired loans	95.0	95.7	95.8	71.3	69.8	69.8
Loan impairment charges/average gross loans	0.0	0.0	0.0	0.0	0.0	0.0
Capitalisation						
Common equity Tier 1 capital ratio	17.6	17.7	17.8	17.6	17.9	18.4
Fully loaded common equity Tier 1 capital ratio	-	-	-	17.6	-	-
Tangible common equity/tangible assets	7.6	7.6	8.3	8.1	-	-
Basel leverage ratio	6.9	6.9	7.2	7.1	-	-
Net impaired loans/common equity Tier 1	0.3	0.2	0.2	1.7	-	-
Funding and liquidity						
Gross loans/customer deposits	119.8	112.1	130.0	123.3	123.9	124.5
Gross loans/customer deposits + covered bonds	95.1	91.0	103.4	99.5	100.1	100.7
Liquidity coverage ratio	233.6	154.5	140.0	132.4	-	-
Customer deposits/total non-equity funding	57.1	61.8	58.8	59.1	-	-
Net stable funding ratio	125.6	122.4	123.1	126.6	-	-
Source: Fitch Ratings, Fitch Solutions, Basler Kantonalbank						

Support Assessment

Shareholder Support	
Shareholder IDR	
Total Adjustments (notches)	
Shareholder Support	aaa
Shareholder ability to support	
Shareholder Rating	
Shareholder regulation	Equalised
Relative size	1 Notch
Country risks	Equalised
Shareholder propensity to support	
Role in group	Equalised
Reputational risk	Equalised
Integration	1 Notch
Support record	Equalised
Subsidiary performance and prospects	Equalised

The colours indicate the weighting of each KRD in the assessment.

Higher influence Moderate influence Lower influence

BKB's SSR is based on support from the Canton of Basel-Stadt, the bank's guarantor and majority owner, and our view of the canton's creditworthiness. The canton guarantees all non-subordinated liabilities of the bank, but the guarantee specifically excludes liabilities of the cantonal bank to its subsidiaries and the liabilities of those subsidiaries.

The canton's guarantee does not explicitly address the timeliness of support, but Fitch believes that, if necessary, support would be provided in a timely fashion, given BKB's high importance for the region and the potential repercussions of the bank's failure for the regional economy and the Swiss financial sector.



Environmental, Social and Governance Considerations

Fitch Ratings		Basler Kantonalbank								Banks ings Navigator
Credit-Relevant ESG Derivation	on									elevance to dit Rating
Basler Kantonalbank has 5 ESG poten Basler Kantonalbank h			ing, repossession/foreclosure practices, consumer data protection	key	driver	0	iss	ues	5	ar rating
(data security) but this	has very	low impact on the rating. In to the rating and is not currently a driver.		dr	iver	0	0 issues 4 5 issues 3			
				potenti	al driver	5				
				not a rat	ting driver	4 issues 2				
						5 issues 1				
Environmental (E) Relevance General Issues	ronmental (E) Relevance Scores General Issues E Score Sector-Specific Issues Reference				evance					
						How to F	Read This	Page		
GHG Emissions & Air Quality	1	n.a.	n.a.	5		ESG rele gradation	vance scor	es range fro		d on a 15-level color dit rating and green
Energy Management	1	n.a.	n.a.	4		break ou	t the ESG	general issu	es and the se	ernance (G) tables ector-specific issues b. Relevance scores
Water & Wastewater Management	1	n.a.	n.a.	3		relevance rating. T	of the sec	tor-specific Reference	issues to the i	signaling the credit- ssuer's overall credit alights the factor(s) e captured in Fitch's
Waste & Hazardous Materials Management; Ecological Impacts	1	n.a.	n.a.	2		frequence scores.	nalysis. The y of occu They do n	vertical co	lor bars are he highest c t an aggrega	visualizations of the onstituent relevance te of the relevance
Exposure to Environmental Impacts	2	Impact of extreme weather events on assets and/or operations and corresponding risk appetite & management;	Business Profile (incl. Management & governance); Risk Profile; Asset Quality	1		The Cree	dit-Relevar	nt ESG Deri	vation table's of occurrence	far right column is a of the highest ESG ad G categories. The
		catastrophe risk; credit concentrations	•			three co	lumns to t	he left of I	ESG Relevan	e to Credit Rating
Social (S) Relevance Scores General Issues	S Scor	e Sector-Specific Issues	Reference	S Rel	evance	The box issues th rating (co	on the far nat are driv orresponding	left identifie vers or poteing with score	s any ESG R ntial drivers of s of 3, 4 or 5)	dit from ESG issues. elevance Sub-factor of the issuer's credit and provides a brief
Human Rights, Community Relations, Access & Affordability	2	Services for underbanked and underserved communities: SME and community development programs; financial literacy programs	Business Profile (incl. Management & governance); Risk Profile	5		assumed sign for	to reflect	a negative i acth scores	mpact unless	es of '4' and '5' are indicated with a '+' and provides a brief
Customer Welfare - Fair Messaging, Privacy & Data Security	3	Compliance risks including fair lending practices, mis-selling, repossession/foreclosure practices, consumer data protection (data security)	Operating Environment; Business Profile (incl. Management & governance); Risk Profile	4		Classification of ESG issues has been developed from Firs sector ratings criteria. The General Issues and Sector-Spe Issues draw on the classification standards published by the Ur				and Sector-Specific
Labor Relations & Practices	2	Impact of labor negotiations, including board/employee compensation and composition	Business Profile (incl. Management & governance)	3						esting (PRI), the ASB), and the World
Employee Wellbeing	1	n.a.	n.a.	2						
Exposure to Social Impacts	2	Shift in social or consumer preferences as a result of an institution's social positions, or social and/or political disapproval of core banking practices	Business Profile (incl. Management & governance); Financial Profile	1						
Governance (G) Relevance Se	cores						CRE	DIT-RELEV	ANT ESG S	CALE
General Issues	G Scor	e Sector-Specific Issues	Reference	G Rel	evance		How rele		S and G issu	es to the
Management Strategy	3	Operational implementation of strategy	Business Profile (incl. Management & governance)	5		5		significant im	pact on the ratir lent to "higher"	river that has a g on an individual elative importance
Governance Structure	3	Board independence and effectiveness; ownership concentration; protection of creditor/stakeholder rights; legal/compliance risks; business continuity; key person risk; related party transactions	Business Profile (incl. Management & governance); Earnings & Profitability; Capitalisation & Leverage	4		4		impact on the factors. Equiv		ating driver but has an nation with other ate" relative
Group Structure	3	Organizational structure; appropriateness relative to business model; opacity; intra-group dynamics; ownership	Business Profile (incl. Management & governance)	3		3		actively mana on the entity r	aged in a way th	ther very low impact or at results in no impact it to "lower" relative
Financial Transparency	3	Quality and frequency of financial reporting and auditing processes	Business Profile (incl. Management & governance)	2		2		Irrelevant to to sector.	ne entity rating b	out relevant to the
				1		1		Irrelevant to to sector.	he entity rating a	and irrelevant to the

The highest level of ESG credit relevance is a score of '3', unless otherwise disclosed in this section. A score of '3' means ESG issues are credit neutral or have only a minimal credit impact on the entity, either due to their nature or the way in which they are being managed by the entity. Fitch's ESG Relevance Scores are not inputs in the rating process; they are an observation on the relevance and materiality of ESG factors in the rating decision. For more information on Fitch's ESG Relevance Scores, visit https://www.fitchratings.com/topics/esg/products#esg-relevance-scores.



SOLICITATION & PARTICIPATION STATUS

For information on the solicitation status of the ratings included within this report, please refer to the solicitation status shown in the relevant entity's summary page of the Fitch Ratings website.

For information on the participation status in the rating process of an issuer listed in this report, please refer to the most recent rating action commentary for the relevant issuer, available on the Fitch Ratings website.

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