

CREDIT OPINION

10 July 2018

Update

 Rate this Research

RATINGS

DekaBank Deutsche Girozentrale

Domicile	Frankfurt am Main, Germany
Long Term Debt	Aa3
Type	Senior Unsecured - Dom Curr
Outlook	Negative
Long Term Deposit	Aa2
Type	LT Bank Deposits - Fgn Curr
Outlook	Stable

Please see the [ratings section](#) at the end of this report for more information. The ratings and outlook shown reflect information as of the publication date.

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DekaBank Deutsche Girozentrale

Update to credit analysis

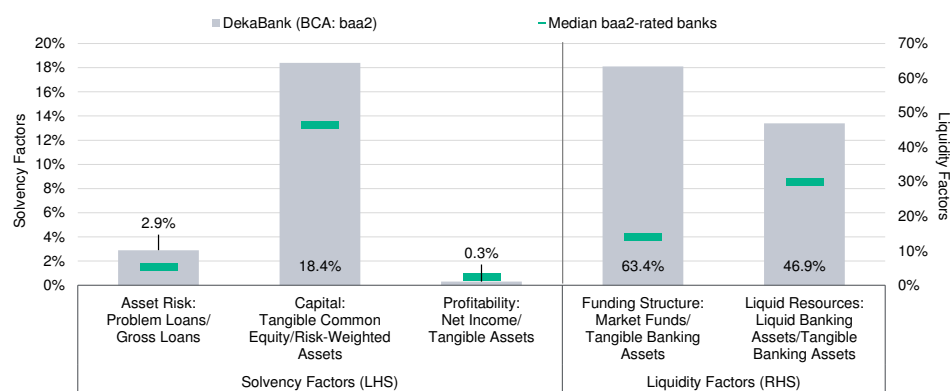
Summary

We assign Aa2/P-1 deposit ratings with a stable outlook and Aa3/P-1 senior unsecured ratings with a negative outlook to DekaBank Deutsche Girozentrale (DekaBank). We further assign a baa2 Baseline Credit Assessment (BCA), an a3 Adjusted BCA, an Aa2(cr)/P-1(cr) Counterparty Risk (CR) Assessment and Aa2/P-1 Counterparty Risk Ratings (CRRs). DekaBank's subordinated debt is rated Baa1 and its Additional Tier 1 (AT1) notes are rated Baa3(hyb).

DekaBank's ratings reflect: (1) the bank's baa2 BCA; (2) its a3 Adjusted BCA, which incorporates our assumption of Very High affiliate support from [Sparkassen-Finanzgruppe](#) (S-Group, Aa2 stable, a2¹), resulting in two notches of rating uplift; (3) the results of our Advanced Loss Given Failure (LGF) analysis, which provide three notches of rating uplift for deposits and CRR liabilities, and two notches for senior debt from the A3 Adjusted BCA; and (4) our assumption of Moderate support from the [Government of Germany](#) (Aaa stable²), yielding one notch of rating uplift for DekaBank's senior debt and deposit ratings, as well the CRRs.

DekaBank's baa2 BCA reflects the group's sound regulatory capital ratios, stable fee income base and strong liquidity position. At the same time, it also captures its credit risk from commercial real estate, aircraft and ship financing, as well as the high reliance on market funding and moderate profitability.

Exhibit 1
 Rating Scorecard - Key Financial Ratios



Source: Moody's Financial Metrics

Credit strengths

- » Sound capitalisation
- » High share of fee income stabilises profitability
- » Robust net new customer asset growth
- » Core institution of S-Group

Credit challenges

- » Rising asset risk from a growing commercial real estate book and potential write-down risks from remaining shipping exposures
- » Balance sheet growth and certain legal risks could soften capital levels somewhat
- » Depressed net interest income given the low interest-rate environment
- » Dependence on wholesale funding
- » In the long term, potential shifting preferences among German retail investors away from actively managed funds towards lower-margin passive investment products

Rating outlook

- » The outlook on the Aa2 deposit ratings is stable, reflecting our anticipation that (1) the implied creditworthiness of DekaBank's owners as well as existing cross-sector support mechanisms will stay stable; and (2) the liability structure of the bank will stay broadly stable.
- » On 12 December, we changed the outlook for DekaBank's Aa3 senior unsecured debt rating to negative from stable, reflecting our view that, once pending BRRD amendments are transposed into German law, unsecured bonds that meet the definition of article 46f of the German Banking Act (§46f KWG) could rank pari passu with future junior senior bonds. This may call into question the Moderate probability of government support we currently consider warranted for senior unsecured debt instruments.

Factors that could lead to an upgrade

- » An upgrade of DekaBank's ratings could result from (1) an upgrade of its BCA; and/or (2) a higher rating uplift as a result of our Advanced LGF analysis.
- » Upward pressure on the baa2 BCA would develop in the event of an enduring improvement in the bank's capital levels, a material improvement of its profitability, and a pronounced reduction in its market-funding reliance.
- » Positive pressure on the senior unsecured ratings could also arise should DekaBank materially raise its volume of subordinated instruments, leading to a lower loss severity for this liability class in resolution. The same does not apply to DekaBank's deposit and senior-senior ratings, as well as its CRRs, which already benefit from three notches of rating uplift from the bank's Adjusted BCA, the highest possible uplift.

Factors that could lead to a downgrade

- » A downgrade of DekaBank's ratings could be triggered by (1) a lowering of the bank's BCA; (2) a deterioration in the implied creditworthiness of its owners; (3) weakening cross-sector support assumptions; and/or (4) a reduction in rating uplift as a result of our LGF analysis.

This publication does not announce a credit rating action. For any credit ratings referenced in this publication, please see the ratings tab on the issuer/entity page on www.moody's.com for the most updated credit rating action information and rating history.

- » DekaBank's BCA could come under pressure if additional risks emerge from its commercial banking activities, if the bank fails to maintain capital ratios at adequate levels, or if profitability declines further. We would expect, though, that a one-notch downgrade of the BCA would be offset by additional affiliate support.
- » Negative pressure on the debt ratings could arise if DekaBank's volume of unsecured and subordinated debt instruments decreases relative to total banking assets. In addition, as indicated by the negative rating outlook, we may lower DekaBank's Aa3 long-term debt rating by one notch as a result of a future removal of the government support for outstanding plain-vanilla debt instruments. For additional information, please refer to our [press release](#) and [special comment](#) on this topic.

Key indicators

Exhibit 2

DEKABANK DEUTSCHE GIROZENTRALE (Consolidated Financials) [1]

	12-17 ²	12-16 ²	12-15 ²	12-14 ²	12-13 ³	CAGR/Avg. ⁴
Total Assets (EUR billion)	94	86	108	113	116	-5.2 ⁵
Total Assets (USD billion)	113	91	117	137	160	-8.4 ⁵
Tangible Common Equity (EUR billion)	4.6	4.4	4.3	3.9	3.7	5.8 ⁵
Tangible Common Equity (USD billion)	5.5	4.6	4.6	4.7	5.0	2.2 ⁵
Problem Loans / Gross Loans (%)	2.1	3.5	3.1	3.3	2.4	2.9 ⁶
Tangible Common Equity / Risk Weighted Assets (%)	18.4	18.4	13.6	14.0	16.3	16.1 ⁷
Problem Loans / (Tangible Common Equity + Loan Loss Reserve) (%)	9.2	17.1	15.6	18.8	17.2	15.6 ⁶
Net Interest Margin (%)	0.1	0.1	0.2	0.3	0.2	0.2 ⁶
PPI / Average RWA (%)	2.2	2.3	2.2	3.2	2.4	2.5 ⁷
Net Income / Tangible Assets (%)	0.3	0.3	0.3	0.5	0.3	0.3 ⁶
Cost / Income Ratio (%)	67.3	61.0	59.7	50.9	65.7	60.9 ⁶
Market Funds / Tangible Banking Assets (%)	63.4	64.0	65.9	69.1	70.3	66.5 ⁶
Liquid Banking Assets / Tangible Banking Assets (%)	46.9	37.1	50.2	43.7	45.4	44.7 ⁶
Gross Loans / Due to Customers (%)	78.0	99.0	77.2	85.3	99.1	87.7 ⁶

[1] All figures and ratios are adjusted using Moody's standard adjustments [2] Basel III - fully-loaded or transitional phase-in; IFRS [3] Basel II; IFRS [4] May include rounding differences due to scale of reported amounts [5] Compound Annual Growth Rate (%) based on time period presented for the latest accounting regime [6] Simple average of periods presented for the latest accounting regime. [7] Simple average of Basel III periods presented

Source: Moody's Financial Metrics

Profile

DekaBank is the securities service provider (Wertpapierhaus) for S-Group (on a combined basis, S-Group accounts for more than a third of the German banking system). As of 31 December 2017, DekaBank reported consolidated balance sheet assets of €94 billion, while its total customer assets, comprising on-balance sheet assets and off-balance sheet assets under management, amounted to €283 billion (€139 billion from retail customers and €144 billion from institutional customers).

DekaBank provides its private and institutional clients with a range of fund-based products, covering all major asset classes. It also offers real estate funds and financing, lending, capital market-related trading and sales services, treasury facilities, including liquidity, asset and liability management, and funding.

DekaBank was established on 1 January 1999 following the merger of the DekaBank GmbH and Deutsche Girozentrale – Deutsche Kommunalbank. Since June 2011, the bank has been fully owned by the German Sparkassen (savings banks) through two joint shareholders – the Deutsche Sparkassen- und Giroverband ö.K. (DSGV ö.K., the German Savings Banks and Giro Association) and Deka Erwerbsgesellschaft mbH & Co. KG.

For more information, please see DekaBank's [Issuer Profile](#) and our German [Banking System Profile](#).

DekaBank's Weighted Macro Profile is Strong (+)

DekaBank has exposures across Europe: 45% of total gross loans as of year-end 2017 related to its home market Germany, 4% to Eurozone periphery countries (Italy, Spain, Ireland), 22% to other Eurozone countries, 15% to the UK, 11% to OECD countries outside

the EU, and the remainder mainly represented international organisations and exposures outside of Europe. Their weighted average results in a Strong (+) Macro Profile for DekaBank, one notch below the Very Strong (-) [Macro Profile of Germany](#).

Detailed credit considerations

Asset risk from legacy shipping exposures declined, but CRE exposures increased

We assign a baa3 Asset Risk score, four notches below the a2 initial score (which is conditioned by the bank's Strong (+) Weighted Macro Profile), to reflect DekaBank's credit risks from illiquid lending positions and its market risk profile.

During 2016, Dekabank's asset risk profile had somewhat deteriorated on the back of the lingering crisis in global shipping markets. The bank had to record material write-downs of €187 million on its legacy shipping portfolio during 2016 and its problem loan ratio increased from 3.1% as of December 2015 to 3.5% as of December 2016. The ship finance book of DekaBank meanwhile had only marginally declined from €1.7 billion at year-end 2015 to €1.6 billion at year-end 2016, but by December 2017, gross exposures had dropped to €1.2 billion (representing 26% of TCE), of which €0.3 billion related to legacy ship financing loans underwritten prior to 2010 and €0.9 billion represented positions originated post a change in lending risk strategy. The reduction in shipping loans was partly due to sales, which allowed the bank to cut its stock of problem loans by almost half and resulted in a much improved problem loan ratio of 2.1% as of December 2017. While DekaBank has not been impacted as much by the global shipping crisis as some of the other German ship lenders, its remaining exposures might create further write-downs should shipping markets deteriorate again in 2018 and beyond, following the tentative recovery seen in 2017.

In addition to the bank's ship financing exposures, DekaBank runs a sizeable commercial real estate (CRE) book with €71 billion of direct exposures and €1.4 billion of loans to open-ended property funds, which on a combined basis increased by €1.5 billion or 21% during 2017 and represented 186% of TCE as of December 2017. Further credit risk stems from the bank's €3.0 billion aircraft financing business (66% of TCE), which did not grow during 2017 in Euro-terms due to the weakened US Dollar, but which accounted for 23% of all new business underwritten in the Financing business segment in 2017. In contrast, the bank's savings bank financing book, which is low risk, declined to €5.3 billion from €7.3 billion during 2017.

Apart from the bank's credit risk, DekaBank runs considerable market risk related to investments and derivative positions. While market risk RWA have declined following the application of an internal model for the calculation of market price risk in 2016, dislocations in capital markets could represent tail risks for the bank's securities financing business. In addition, DekaBank is in the process of expanding its long-term, more illiquid lending book in the areas of commercial real estate and structured finance, which confer higher margins, but also higher risks. Hence, to take account of risks relating to the bank's still substantial market risk and the changing asset risk profile, we adjust the initial Asset Risk score of a2 downward by four notches to baa3.

Sound capitalisation, partly reflecting low risk-weighted density

We assign an a2 Capital score, three notches below the aa2 initial score, to take into account the bank's leverage ratio as well as potential balance sheet growth and certain legal risks.

As of December 2017, DekaBank reported a 16.7% fully loaded CET1 ratio under the Capital Requirements Regulation and Directive (CRR/CRD IV), unchanged from the December 2016 level. The steady result reflected the inclusion of full-year 2017 retained earnings in CET1, which thus moved 4% higher, and a 5% increase in risk-weighted assets (RWAs). The rise in RWAs was due to higher credit risk, market risk and operational risk RWAs, while counterparty risk declined materially from the 2016 level, despite the fact that DekaBank relevered again during 2017. The bank's balance sheet expanded by €8 billion, or 9%, to €94 billion during the period, which followed rapid shrinkage of exposures in the fourth quarter of 2016, as DekaBank chose not to roll-over highly liquid market risk positions. Most of these positions have now been rebuilt, which led to a decline in DekaBank's fully loaded leverage ratio to 4.7% as of December 2017 from 5.1% as of December 2016 (TCE to tangible assets declined to 4.9% from 5.1% as of the same dates). Despite the bank increasing its more illiquid balance sheet positions, its risk-weighted density (RWA to total assets) declined somewhat to 27% as of December 2017 from 28% as of December 2016.

Our assigned a2 Capital score, three notches below the aa2 initial score, takes into account the bank's leverage ratio, which remains below our 5% threshold level, as well as a negative impact on capital ratios from potential balance sheet growth and certain legal risks, mainly stemming from investigations into past transactions in German stocks near the record date. IFRS 9 has not had a material effect on capitalisation levels with the bank expecting balance sheet equity to have declined by €47 million on a pretax basis on 1 January

2018 (less than 1% of TCE). As of December 2017, DekaBank's minimum capital requirements determined by the Supervisory and Review Process (SREP) were 7.22% on a CET1 basis and 10.72% on a Total Capital basis, which DekaBank comfortably exceeded at all times.

High share of stable fee income provides earnings cushion

We assign a ba2 Profitability score, in line with the ba2 initial score, reflecting DekaBank's sustainable earnings run rate in the current low interest rate environment.

Owing to its strong and profitable asset-management franchise, DekaBank's fee income represents an important cushion for credit and market-related losses. As the preferred retail asset manager of the savings bank sector and a leading provider of institutional investment funds, DekaBank's resilient fee and commission income from asset-management activities accounted for 75% of net revenues during 2017. However, the implementation of the Markets in Financial Instruments Directive (MiFID II), which governs the permissibility of sales commission and other requirements for strengthening investor protection, could somewhat dampen DekaBank's profitability in the future. Furthermore, the market shift towards passive investments could put a dent in the bank's asset-based margin in the long-term. At present, though, net new asset generation from the bank's actively managed investment products remains robust.

In 2017, DekaBank's reported economic result (the bank's non-GAAP pretax measure) reached €449 million, a €34 million, or 8.1% increase on the previous year. This improved result reflected a €95 million (8.6%) acceleration in net commission income to €1,203 million, owing to higher assets under management, an improved net interest income result (up 11.8% to €156 million), much lower loan loss provisions of €18 million versus €210 million in 2016 (due to shipping write-downs). This positive development was partially offset by €70 million higher operating expenses of €1,040, a €27 million lower other operating income result of €8 million, owing to acquisition gains that were recorded in 2016, and a €160 million lower net financial income of €156 million, which included a €95 million general provision to cover potential risks. DekaBank's reported economic result incorporates several items not shown in the IFRS income statement, such as valuation gains and losses from hedged lending, actuarial gains and losses, potential charges, as well as interest expense related to AT1 bonds, to better represent the true economic position.

On an IFRS basis and following Moody's adjustments, DekaBank reported net income of €285 million in 2017, €51 million more than in 2016. The return on tangible assets thus reached 0.3%, which we consider to be a sustainable run rate for DekaBank in the current low interest rate environment. As a result, we keep the assigned Profitability score in line with the ba2 initial score.

Wholesale funding dependence mitigated by strong access to savings banks and liquid balance sheet

We assign a baa3 Combined Liquidity score, one notch above the ba1 initial score, taking into account the bank's access to additional funding resources as well as asset encumbrance.

DekaBank is highly dependent on wholesale funds. More than half of the bank's balance sheet is funded through interbank repo and other short-term products, specifically institutional deposits and commercial paper. This high dependence on confidence-sensitive wholesale funding sources is balanced by DekaBank's strong and recurring access to funds from the savings banks sector, substantial regular excess cash from its mutual funds franchise and high liquidity balances. The modest volume of €21 billion customer loans (as of December 2017) is sufficiently matched by medium- and long-term funds.

Structurally, DekaBank is slightly overfunded, with no liquidity shortfalls in short- and long-term buckets. Full coverage also applies in its combined stress scenario, a stress test introduced in compliance with domestic regulatory requirements. The German savings bank sector regularly provides stable funding, especially with medium- and long-term maturities. Taken together, sector funds and excess cash from the mutual funds franchise provide material liquidity. To capture these benefits, we assign a Funding Structure score of ba3, four notches above the initial score, while the Liquid Resources score is assigned at a2, two notches below the aa3 initial score, reflecting the bank's ample liquid resources (the Liquidity Coverage Ratio stood at 153% as of December 2017).

Support and structural considerations

Affiliate support

DekaBank benefits from cross-sector support from S-Group. Cross-sector support materially reduces the probability of default, as it would be available to stabilise a distressed member bank and not just compensate for losses in resolution.

We consider the readiness of the sector to support DekaBank to be Very High, given the bank's key service function for the sector and its 100% ownership by the sector's savings banks. Cross-sector support continues to provide two notches of rating uplift from the baa2 BCA to DekaBank's senior debt, deposit and subordinated instrument ratings, leading to an a3 Adjusted BCA.

Loss Given Failure analysis

DekaBank is subject to the EU Bank Recovery and Resolution Directive (BRRD), which we consider to be an Operational Resolution Regime. We therefore apply our Advanced LGF analysis, where we consider the risks faced by the different debt and deposit classes across the liability structure should the bank enter resolution.

In our LGF analysis, we assume residual tangible common equity of 3% and losses post-failure of 8% of tangible banking assets. Furthermore, we assume a 26% share of deposits being "junior" wholesale deposits, for which we factor in a 25% run-off, while we assume a 5% run-off in preferred deposits prior to failure. These ratios are in line with our standard assumptions.

In line with the new German insolvency legislation, which effectively subordinated senior unsecured bonds and notes to deposits and senior-senior unsecured debt in resolution since January 2017, we base our calculation on the assumption that deposits and senior-senior debt are preferred to plain vanilla senior unsecured bonds.

For deposits and senior-senior unsecured bonds, as well as CRR liabilities, our LGF analysis indicates an extremely low loss-given-failure, leading us to position their Provisional Rating Assessments at aa3, three notches above the a3 Adjusted BCA.

For senior unsecured debt, our LGF analysis indicates a very low loss-given-failure, leading us to position its Provisional Rating Assessment at a1, two notches above the a3 Adjusted BCA.

For senior subordinated debt, our LGF analysis indicates a high loss-given-failure, leading us to position its Provisional Rating Assessment at baa1, one notch below the a3 Adjusted BCA.

For the perpetual Additional Tier 1 notes issued in 2014, the Provisional Rating Assessment is positioned at baa3, three notches below the a3 Adjusted BCA, reflecting our framework for rating non-viability Contingent Convertible Securities.

Government support

Although German banks operate in an environment of materially weakened prospects for financial assistance from the government, we maintain one notch of rating uplift in our CRRs, senior unsecured debt and deposit / senior-senior unsecured ratings for members of S-Group. This reflects our assumption of a Moderate support probability. Our government support assumptions reflect the large size and high systemic relevance of S-Group.

We estimate that the likelihood of junior debt instruments benefitting from systemic support will remain Low, resulting in no uplift from the respective Preliminary Rating Assessment levels, translating into a Baa1 subordinated debt rating and a Baa3(hyb) non-cumulative preferred stock rating.

Counterparty Risk (CR) Assessment

The CR Assessment is an opinion of how counterparty obligations are likely to be treated if a bank fails, and is distinct from debt and deposit ratings in that it (1) considers only the risk of default rather than both the likelihood of default and the expected financial loss suffered in the event of default; and (2) applies to counterparty obligations and contractual commitments rather than debt or deposit instruments. The CR Assessment is an opinion of the counterparty risk related to a bank's covered bonds, contractual performance obligations (servicing), derivatives (e.g. swaps), letters of credit, guarantees and liquidity facilities.

DekaBank's CR Assessment is positioned at Aa2(cr)/P-1(cr)

The bank's CR Assessment is positioned four notches above the a3 Adjusted BCA, based on 1) the buffer against default provided by more subordinated instruments, primarily senior unsecured debt, to the senior obligations represented by the CR Assessment; and 2) government support uplift assuming a Moderate level of support. To determine the CR Assessment, we focus purely on subordination, taking no account of the volume of the instrument class.

Counterparty Risk Ratings (CRRs)

CRRs are opinions of the ability of entities to honour the uncollateralised portion of non-debt counterparty financial liabilities (CRR liabilities) and also reflect the expected financial losses in the event such liabilities are not honoured. CRRs are distinct from ratings assigned to senior unsecured debt instruments and from issuer ratings because they reflect that, in a resolution, CRR liabilities might benefit from preferential treatment compared with senior unsecured debt. Examples of CRR liabilities include the uncollateralised portion of payables arising from derivatives transactions and the uncollateralised portion of liabilities under sale and repurchase agreements.

DekaBank's CRRs are positioned at Aa2/P-1.

The CRRs, prior to government support, are positioned three notches above the Adjusted BCA of a3, reflecting the extremely low loss-given-failure from the high volume of instruments that are subordinated to CRR liabilities.

DekaBank's CRRs benefit from one notch of rating uplift based on government support, in line with our support assumptions on deposits, senior unsecured debt and senior unsecured debt.

Methodology and scorecard

Methodology

The principal methodology we used in rating DekaBank was the [Banks](#) methodology published in June 2018.

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 3

DEKABANK DEUTSCHE GIROZENTRALE

Macro Factors

Weighted Macro Profile	Strong +	100%
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Factor	Historic Ratio	Macro Adjusted Score	Credit Trend	Assigned Score	Key driver #1	Key driver #2
Solvency						
Asset Risk						
Problem Loans / Gross Loans	2.9%	a2	← →	baa3	Sector concentration	Market risk
Capital						
TCE / RWA	18.4%	aa2	← →	a2	Expected trend	Nominal leverage
Profitability						
Net Income / Tangible Assets	0.3%	ba2	← →	ba2	Expected trend	
Combined Solvency Score		a2		baa2		
Liquidity						
Funding Structure						
Market Funds / Tangible Banking Assets	63.4%	caa1	↑	ba3	Market funding quality	Term structure
Liquid Resources						
Liquid Banking Assets / Tangible Banking Assets	46.9%	aa3	← →	a2	Asset encumbrance	
Combined Liquidity Score		ba1		baa3		
Financial Profile						
Business Diversification				0		
Opacity and Complexity				0		
Corporate Behavior				0		
Total Qualitative Adjustments				0		
Sovereign or Affiliate constraint:				Aaa		
Scorecard Calculated BCA range				baa1-baa3		
Assigned BCA				baa2		
Affiliate Support notching				2		
Adjusted BCA				a3		

Balance Sheet is not applicable.

Debt class	De Jure waterfall		De Facto waterfall		Notching		LGF Notching Guidance vs. Adjusted BCA	Assigned LGF notching	Additional notching	Preliminary Rating Assessment
	Instrument volume + subordination	Sub-ordination	Instrument volume + subordination	Sub-ordination	De Jure	De Facto				
Counterparty Risk Rating	--	--	--	--	--	--	--	3	0	aa3
Counterparty Risk Assessment	--	--	--	--	--	--	--	3	0	aa3 (cr)
Senior senior unsecured bank debt	--	--	--	--	--	--	--	3	0	aa3
Deposits	--	--	--	--	--	--	--	3	0	aa3
Senior unsecured bank debt	--	--	--	--	--	--	--	2	0	a1
Dated subordinated bank debt	--	--	--	--	--	--	--	-1	0	baa1
Non-cumulative bank preference shares	--	--	--	--	--	--	--	-1	-2	baa3 (hyb)

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	aa3	1	Aa2	Aa2
Counterparty Risk Assessment	3	0	aa3 (cr)	1	Aa2 (cr)	--
Senior senior unsecured bank debt	3	0	aa3	1	Aa2	--
Deposits	3	0	aa3	1	Aa2	Aa2
Senior unsecured bank debt	2	0	a1	1	Aa3	--
Dated subordinated bank debt	-1	0	baa1	0	Baa1	--
Non-cumulative bank preference shares	-1	-2	baa3 (hyb)	0	Baa3 (hyb)	--

Source: Moody's Financial Metrics

Ratings

Exhibit 4

Category [Moody's Rating](#)

DEKABANK DEUTSCHE GIROZENTRALE	
Outlook	Stable(m)
Counterparty Risk Rating	Aa2/P-1
Bank Deposits	Aa2/P-1
Baseline Credit Assessment	baa2
Adjusted Baseline Credit Assessment	a3
Counterparty Risk Assessment	Aa2(cr)/P-1(cr)
Senior Senior Unsecured -Dom Curr	Aa2
Senior Unsecured -Dom Curr	Aa3
Subordinate -Dom Curr	Baa1
Pref. Stock Non-cumulative -Dom Curr	Baa3 (hyb)
Bkd Commercial Paper -Dom Curr	P-1
Other Short Term -Dom Curr	(P)P-1

Source: Moody's Investors Service

Endnotes

- [1](#) The ratings shown are S-Group's Corporate Family Rating and outlook and its Baseline Credit Assessment
- [2](#) The rating shown is the Government of Germany's long-term issuer rating and outlook

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