MOODY'S INVESTORS SERVICE

CREDIT OPINION

21 October 2021

Update

Rate this Research

RATINGS

	Banco Davivienda S.A.					
	Domicile	Colombia				
	Long Term CRR	Baa2				
	Туре	LT Counterparty Risk Rating - Fgn Curr				
	Outlook	Not Assigned				
	Long Term Debt	Baa3				
	Туре	Senior Unsecured - Fg Curr				
	Outlook	Stable				
	Long Term Deposit	Baa3				

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.

Curr

Stable

LT Bank Deposits - Fgn

Contacts

Туре

Outlook

Alexandre	+55.11.3043.7356					
Albuquerque						
VP-Senior Analyst						
alexandre.albuquerque@moodys.com						
Marcelo De Gruttola	+54.11.5129.2624					

VP-Senior Analyst				
marcelo.degruttola@moo	dys.	00	n	

Luis Fernando Baza +52.55.1253.5735 Associate Analyst

luis.baza@moodys.com

Ceres Lisboa +55.11.3043.7317 Associate Managing Director ceres.lisboa@moodys.com

Banco Davivienda S.A.

Update to credit analysis

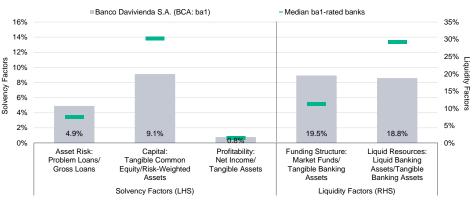
Summary

Banco Davivienda S.A.'s (Davivienda) standalone Baseline Credit Assessment (BCA) of ba1 reflects the bank's good access to core deposits and a long track record of steady, although modest, position in liquid assets. Conversely, Davivienda's BCA is challenged by a problem loan ratio, measured as stage 3 loans to gross loans, that remains above its pre-pandemic level, despite a slight reduction from YE2020. This rise in the ratio reflected growth of the consumer loan book and the pandemic outbreak. The stable outlook reflects our view that profitability and capital metrics will likely rise as economic activity gradually recovers.

Davivienda's global scale deposit and debt ratings of Baa3 incorporate our assessment of high probability that the bank would receive support from the Colombian government (Baa2, Stable) in an event of financial stress. This assessment results in one notch of rating uplift from the bank's Adjusted BCA of ba1.

Exhibit 1

Rating Scorecard - Key financial ratios As of June 2021



For the problem loan and profitability ratios, we review the latest three year-end ratios as well as the most recent intra-year ratio, where applicable, and base our starting point ratio on the weaker of the average of this period and the latest figure. For the capital ratio, we use the latest figure. For the funding structure and liquid asset ratios, we use the latest year-end figures. *Source: Moody's Financial Metrics*

Credit strengths

- » Funding comprised mostly of core deposits reflecting bank's good market share in the system
- » Profitability will likely increase if prospects of economic recovery are crystalized
- » Capitalization has benefited from Basel III implementation, but will likely remain modest in the next 12-18 months

Credit challenges

- » Asset quality metrics will likely remain in similar levels of June 2021, still as a result of negative influence from the Covid-19 pandemic in Colombia and in Central America
- » Provision expenses will decrease from 2020 levels but likely remain higher than pre-pandemic metrics and will weigh on the recovery of profitability

Outlook

The stable outlook on Davivienda's ratings reflects our expectation that the bank's funding, profitability and capital metrics will likely improve as economic recovery crystalizes in Colombia in the next 12 to 18 months.

Factors that could lead to an upgrade

Davivienda's ratings could be upgraded if the bank reports consistent improvement of asset quality. In addition, a steady strengthening in earnings generation, amid increasing loan origination, could boost the bank's capital position and have positive effect on ratings.

Factors that could lead to a downgrade

Davivienda's ratings could be downgraded if asset risk and profitability deteriorate and/or the bank is unable to sustain capitalization at current levels. However, the ratings would not be affected if there were a downgrade of Colombia's sovereign bond rating of Baa2, which is unlikely at this time given the stable outlook on the rating.

Key indicators

Exhibit 2

Banco Davivienda S.A. (Consolidated Financials) [1]

	06-21 ²	12-20 ²	12-19 ²	12-18 ²	12-17 ²	CAGR/Avg. ³
Total Assets (COP Billion)	140,054.5	135,162.3	122,222.0	110,723.9	100,771.3	9.9 ⁴
Total Assets (USD Million)	37,507.9	39,515.4	37,245.8	34,095.1	33,764.9	3.04
Tangible Common Equity (COP Billion)	9,389.5	8,881.8	8,934.3	8,207.8	7,312.7	7.44
Tangible Common Equity (USD Million)	2,514.6	2,596.6	2,722.6	2,527.4	2,450.2	0.74
Problem Loans / Gross Loans (%)	4.9	5.0	3.7	4.0	2.8	4.1 ⁵
Tangible Common Equity / Risk Weighted Assets (%)	9.1	7.7	8.4	8.5	8.3	8.4 ⁶
Problem Loans / (Tangible Common Equity + Loan Loss Reserve) (%)	36.0	34.8	27.5	29.6	22.4	30.1 ⁵
Net Interest Margin (%)	5.4	5.6	5.9	5.8	5.8	5.7 ⁵
PPI / Average RWA (%)	4.8	4.0	4.3	4.3	4.3	4.46
Net Income / Tangible Assets (%)	0.8	0.3	1.2	1.3	1.3	1.0 ⁵
Cost / Income Ratio (%)	46.9	46.3	45.9	46.2	46.2	46.3 ⁵
Market Funds / Tangible Banking Assets (%)	22.9	19.5	20.7	25.2	23.6	22.4 ⁵
Liquid Banking Assets / Tangible Banking Assets (%)	17.3	18.8	16.6	17.6	18.7	17.8 ⁵
Gross Loans / Due to Customers (%)	122.6	120.5	126.9	128.4	123.5	124.4 ⁵

[-] Further to the publication of our revised methodology in July 2021, for issuers that have "high trigger" additional Tier 1 instruments outstanding, not all ratios included in this report reflect the change in treatment of these instruments. [1] All figures and ratios are adjusted using Moody's standard adjustments. [2] Basel II; IFRS. [3] May include rounding differences because of the scale of reported amounts. [4] Compound annual growth rate (%) based on the periods for the latest accounting regime. [5] Simple average of periods for the latest accounting regime. [6] Simple average of Basel II periods. *Sources: Moody's Investors Service and company filings*

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.moodys.com for the most updated credit rating action information and rating history.

Profile

Davivienda, a universal bank, provides banking and other financial products and services, including deposit and savings accounts, loans, mortgages and leasing facilities to retail, microfinance, small and medium-sized enterprise (SME), corporate and commercial clients, as well as to public authorities. As of June 2021, the bank reported consolidated assets of COP140.1 billion (\$37.5 billion). In addition, it was the country's second-largest financial entity in terms of gross loans, with a market share of about 16% in Colombia. The bank had 79% of its loans in Colombia and the remaining 21% abroad, including Costa Rica, El Salvador, Panama and Honduras.

Davivienda was established in 1972 as a savings and mortgage corporation named Corporación Colombiana de Ahorro y Vivienda.

Detailed credit considerations

High volume of loan loss reserves mitigates steady high level of problem loans

Davivienda's asset quality has weakened since the beginning of the pandemic in March 2020. The bank's nonperforming loans (NPLs), measured as Stage 3 loans under IFRS, increased to 4.9% as of June 2021 compared with 3.5% one year prior. The ratio was slighty below the 5.0% reported in December 2020. Although the bank's problem loan ratio has gone up, it remains below those reported by domestic peers. Particularly, the increase in NPLs has been driven by lingering heightened asset risk driven by the coronavirus pandemic in Colombia and in countries in Central America. In addition, the weak asset quality metrics also reflect the end of regulatory measures that allowed banks to defer loan payments in 2020.

The bank's loan delinquencies were stable during the early stages of the outbreak because of Davivienda's focus on providing adequate support to their most vulnerable customers through loan deferrals. However, the country's weaker economic environment made it harder for borrowers to repay loans and had a negative impact on Davivienda's asset quality.

Davivienda's Central American credit exposures have comprised about 20% of the bank's consolidated loan book over the last few years. In June 2021, problem loans from Central America accounted for 14% of the bank's total NPLs, from 23% in December 2015. The bank's operations in El Salvador and Costa Rica are its largest exposures overseas, with around 7% of total consolidated credits each, while its Honduras and Panama-based subsidiaries account for 6%. In June 2021, the bank's consolidated gross loans rose 1.3% annually, driven by the growth in the mortgage portfolio, which offset the decline in the commercial segment.

Loan loss reserves remained at an adequate 105% of Stage 3 loans as of June 2021. They will be an important mitigant to asset risk during the second half of the year. The increase in problem loans since the pandemic outbreak was partially offset by a 54.3% rise in loan loss reserves during 2020, as the bank anticipated a potential deterioration in asset quality. This weakening was temporarily postponed by credit payment deferrals. However, NPLs went up due to the adverse economic scenario as the pandemic affected Davivienda's operations in Colombia and Central America.

In the next 12 months, bank's NPLs will likely in line with levels reported June 2021 as a result of the still-recovering economic activity in Colombia and Central America. Loans under the Debtors Support Program represented 9% of the portfolio in both Colombia and Central America, of which just 4% and 3% were delinquent loans, respectively as of June 2021. Davivienda is more exposed than its peers to consumer and mortgage financing for low-income households. As a result, its loan book is more sensitive to economic downturns than other big banks in Colombia.

Capital remains steady, added by lower loan growth relative to previous years

Our assessment for capital reflects our view that a slow asset growth relative to pre-pandemic years and more modest dividend payout in 2021 will keep the bank's capital ratio stable during the second half of 2021.

Moody's preferred ratio of tangible common equity to risk-weighted assets (TCE/RWA) for Davivienda increased to 9.12% in June 2021, relative to 7.23% one year prior. The 189-basis point increase in capitalization was driven largely by lower RWAs following the implementation of the Basel III framework in January 2021, as well as by higher earnings and lower loan growth than pre-pandemic levels. In addition, during the first six months of 2021 the bank did not make any dividend payment. On a regulatory basis, the implementation of the Basel III framework yielded a positive impact of more than 350 basis points to Davivienda's total capital ratio.

We calculate TCE by deducting goodwill from common equity. We adjust RWA by risk weighting government securities at 50%, in line with the Colombian government's Baa2 bond rating. Davivienda's capital is affected negatively by a large stock of goodwill, which is mainly related to the acquisition of Bancafé/Granbanco.

Profitability has improved, but remains below its level in 2019

Davivienda's bottom-line results increased 54.1% in the first six months of 2021 compared with the same period one year earlier. The increase in net income was largely driven by higher earnings from foreign exchange operations and fee income. Davivienda reported an increase of 28% in fee income relative to one year prior, partially reflecting the ongoing recovery in economic activity in Colombia. As a result, Davivienda's ratio of net income to tangible assets increased to 0.8% in June 2021, from 0.5% one year prior.

The bank's ratio of loan loss provisions to pre-provision income (PPI) declined to 72% in June 2021, from 81% a year earlier. Overall, the volume of loan loss provisions decreased 1.5% in the first half of 2021 compared with June 2020, although the bank still maintains a conservative approach to asset quality by keeping high reserve coverage of problem loans. The bank's efficiency metrics have remained in line with pre-pandemic levels as the bank benefits by its strong digitalization strategy.

Although profitability metrics have improved modestly, they will likely not recover to pre-pandemic levels in 2021, mainly as a result of the still-low interest rates and economic uncertainty in Colombia.

Volume of core funding and liquid assets remains high

Our assessment for Funding Structure incorporates the bank's moderate reliance on market funds, representing 23% of banking assets, supported by its sizable branch network — positioned among Colombia's top four networks — and good market position in Central America. It also takes into consideration the fact that funding needs will remain low in the slow-growth environment. Davivienda has about 13% market share in terms of deposits in the Colombian banking system.

Davivienda's presence in different markets provides it an opportunity to gather core deposits and reduce its dependence on market funds.

The bank's liquid resources remain modest, but consist of highly liquid instruments because most of them are invested in low-risk assets, mainly made up of cash, balances with the central bank and government bonds of Colombia. Liquidity decreased to 17.3% as of June 2021 from 19.1% as of June 2020.

Davivienda's ratings are supported by Colombia's weighted Macro Profile of Moderate

Davivienda's operations are mainly focused on Colombia, which represents about 79% of its loan portfolio and whose Macro Profile is Moderate+. Colombia's Moderate+ Macro Profile reflects the country's relatively large economy, with a history of predictable policymaking, balanced against a relatively high dependence on commodities and sensitivity to trade shocks, and borrower concentration in the banking system.

Despite its high exposure to trade shocks, external vulnerabilities are limited by the country's adequate foreign-exchange buffers and access to a sizable credit line from the IMF. Moreover, the effectiveness of the government's policy response to recent commodity shocks illustrates the country's moderate institutional strength. In this regard, the actions by the Colombian government and the central bank in response to the pandemic include measures to reinforce liquidity of financial institutions, the establishment of basic guidelines for the renegotiation of terms and conditions of existing consumer and SME loans, and interest rate cuts.

In line with lower economic growth, credit growth has decelerated substantially, and the credit-to-GDP ratio remains relatively modest. While banks are mainly deposit funded, a substantial portion of these deposits are provided by institutions, leaving banks vulnerable to funding concentration risk. At the same time, high concentration in the banking system supports banks' pricing power and lending spreads.

ESG considerations

Davivienda's exposure to environmental risks is low, consistent with our general assessment for the global banking sector. See our <u>environmental risks heat map</u> for further information.

Overall, banks face moderate social risks. The most relevant social risks for banks arise from the way they interact with their customers. Social risks are particularly high in the area of data security and customer privacy, which are mitigated by sizable technology investments and banks' long track record of handling sensitive client data. Fines and reputational damage because of product misselling or other types of misconduct represent further social risks. Social trends are also relevant in a number of areas, such as shifting customer preferences toward digital banking services increasing information technology cost, aging population concerns in several countries affecting demand for financial services or socially driven policy agendas translating into regulations that affect banks' revenue base. See our <u>social risks heat map</u> for further information.

Governance is highly relevant for Davivienda, as it is to all participants in the banking industry. Corporate governance weaknesses can lead to a deterioration in a bank's credit quality, while governance strengths can benefit its credit profile. Governance risks are largely internal rather than externally driven, and for Davivienda, we do not have any particular governance concerns. The bank has not shown any governance shortfall in recent years and benefits from a strong risk management framework. Nonetheless, corporate governance remains a key credit consideration and requires ongoing monitoring.

Support and structural considerations

Government support considerations

There is a high likelihood of government support for Davivienda's rated wholesale deposits and senior unsecured debt. This reflects Davivienda's large market share of deposits and loans in Colombia and, hence, the material systemic consequences that would result from an unsupported failure. Davivienda's deposit rating currently benefits from a one-notch uplift from government support.

Counterparty Risk (CR) Assessment

Davivienda's CR Assessment is Baa2(cr)/Prime-2(cr)

The CR Assessment is one notch above the bank's deposit rating of Baa3, reflecting our view that its probability of default is lower for operating obligations than for deposits.

Counterparty Risk Ratings (CRRs)

Davivienda's CRRs are Baa2/ Prime-2

Davivienda's global CRRs are positioned at Baa2 and Not Prime, one notch above the bank's deposit rating of Baa3, reflecting the lower probability of default of CRR liabilities and our expectation of a normal level of loss given default.

Foreign-currency debt rating

The B1 (hyb) foreign-currency subordinated debt rating assigned to Davivienda's additional tier 1 capital notes is positioned three notches below the bank's ba1 adjusted baseline credit assessment (adjusted BCA), in line with Moody's standard notching guidance for contractual non-viability perpetual maturity securities¹.

The Baa3 long-term foreign-currency debt rating of Davivienda's five-year senior debt issuance of \$500 million, denominated in Colombian pesos and settled in an equivalent amount of US dollars, due 24 October 2022 (coupon of 7.5%), is based on our evaluation of high government support, leading to a one-notch uplift from the bank's ba1 standalone BCA².

The Ba2 foreign-currency debt rating assigned to Davivienda's 10-year subordinated debt of \$500 million in foreign currency due 9 July 2022 (coupon of 5.875%) reflects one notch of subordination from the bank's ba1 standalone BCA, in line with our standard notching practices for plain vanilla subordinated debt issuances³.

Methodology and scorecard

About Moody's Bank Scorecard

Our 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

Banco Davivienda S.A.

Weighted Macro Profile Moderat	e 100%					
Factor	Historic Ratio	Initial Score	Expected Trend	Assigned Score	Key driver #1	Key driver #2
Solvency						
Asset Risk						
Problem Loans / Gross Loans	4.9%	ba1	\leftrightarrow	ba2	Sector concentration	Loan growth
Capital						
Fangible Common Equity / Risk Weighted Assets Basel III - transitional phase-in)	9.1%	ba3	\leftrightarrow	b2		
Profitability						
Net Income / Tangible Assets	0.8%	ba1	\leftrightarrow	baa3	Expected trend	
Combined Solvency Score		ba2		ba3		
Liquidity						
unding Structure						
Market Funds / Tangible Banking Assets	19.5%	baa3	\leftrightarrow	ba1	Extent of market funding reliance	
Liquid Resources						
iquid Banking Assets / Tangible Banking Assets	18.8%	ba2	\leftrightarrow	ba2	Stock of liquid assets	
Combined Liquidity Score		ba1		ba1		
Financial Profile				ba2		
Qualitative Adjustments				Adjustment		
Business Diversification				0		
Opacity and Complexity				0		
Corporate Behavior				0		
Total Qualitative Adjustments				0		
Sovereign or Affiliate constraint				Baa2		
3CA Scorecard-indicated Outcome - Range				ba1 - ba3		
Assigned BCA				ba1		
Affiliate Support notching				0		
Adjusted BCA				ba1		

Instrument Class	Loss Given	······································		Government	Local Currency	Foreign	
	Failure notching	notching	Assessment	Support notching	Rating	Currency Rating	
Counterparty Risk Rating	1	0	baa3	1	Baa2	Baa2	
Counterparty Risk Assessment	1	0	baa3 (cr)	1	Baa2(cr)		
Deposits	0	0	ba1	1	Baa3	Baa3	
Senior unsecured bank debt	0	0	ba1	1		Baa3	

[1] Where dashes are shown for a particular factor (or sub-factor), the score is based on non-public information. *Source: Moody's Investors Service*

Ratings

Exhibit 4

Category	Moody's Rating		
BANCO DAVIVIENDA S.A.			
Outlook	Stable		
Counterparty Risk Rating	Baa2/P-2		
Bank Deposits	Baa3/P-3		
Baseline Credit Assessment	ba1		
Adjusted Baseline Credit Assessment	ba1		
Counterparty Risk Assessment	Baa2(cr)/P-2(cr)		
Senior Unsecured	Baa3		
Subordinate	B1 (hyb)		
Source: Moodu's Investors Service			

Source: Moody's Investors Service

Endnotes

- <u>1</u> See our Press Release <u>Moody's rates B1(hyb) Davivienda's proposed additional tier 1 capital notes</u>, published on 12 April 2021.
- 2 See our Press Release Moody's rates Banco Davivienda's proposed senior unsecured notes Baa3; stable outlook, published on 12 October 2017.
- <u>3</u> See our Press Release <u>Moody's rates Davivienda's proposed subordinated debt issuance</u>, published on 27 June 2012.

© 2021 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-LIKE SECURITIES, AND MATERIALS, PRODUCTS, SERVICES AND INFORMATION PUBLISHED BY MOODY'S (COLLECTIVELY, "PUBLICATIONS") 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 PUBLICATIONS ARE NOT STATEMENTS OF CURRENT OR HISTORICAL FACT. MOODY'S PUBLICATIONS 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 PUBLICATIONS DO NOT CONSTITUTE OR PROVIDE INVESTMENT OR FINANCIAL ADVICE, AND MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS ARE NOT AND DO NOT PROVIDE RECOMMENDATIONS TO PURCHASE, SELL, OR HOLD PARTICULAR SECURITIES. MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS 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 ITS PUBLICATIONS 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 PUBLICATIONS 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 PUBLICATIONS 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.

MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND PUBLICATIONS 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 rating process or in preparing its Publications.

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 to Moody's Investors Service, Inc. have, prior to assignment of any credit rating sopinions and services rendered by it fees ranging from \$1,000 to approximately \$5,000,000. MCO and Moody's Investors Service also maintain policies and procedures to address the independence of Moody's Investors Service credit rating processes. Information regarding certain affiliations that may exist between directors of MCO and rated entities, and between entities who hold credit ratings from Moody's Investors Service and have also publicly reported to the SEC an ownership interest in MCO of more than 5%, is posted annually at <u>www.moodys.com</u> under the heading "Investor Relations — Corporate Governance — Director and Shareholder Affiliation Policy."

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 Japan only: Moody's Japan K.K. ("MJKK") is a wholly-owned credit rating agency subsidiary of Moody's Group Japan G.K., which is wholly-owned by Moody's Overseas Holdings Inc., a wholly-owned subsidiary of MCO. Moody's SF Japan K.K. ("MSFJ") is a wholly-owned credit rating agency subsidiary of MJKK. MSFJ is not a Nationally Recognized Statistical Rating Organization ("NRSRO"). Therefore, credit ratings assigned by MSFJ are Non-NRSRO Credit Ratings. Non-NRSRO Credit Ratings are assigned by an entity that is not a NRSRO and, consequently, the rated obligation will not qualify for certain types of treatment under U.S. laws. MJKK and MSFJ are credit rating agencies registered with the Japan Financial Services Agency and their registration numbers are FSA Commissioner (Ratings) No. 2 and 3 respectively.

MJKK or MSFJ (as applicable) hereby disclose that most issuers of debt securities (including corporate and municipal bonds, debentures, notes and commercial paper) and preferred stock rated by MJKK or MSFJ (as applicable) have, prior to assignment of any credit rating, agreed to pay to MJKK or MSFJ (as applicable) for credit ratings opinions and services rendered by it fees ranging from JPY125,000 to approximately JPY550,000,000.

MJKK and MSFJ also maintain policies and procedures to address Japanese regulatory requirements.

REPORT NUMBER 1301936

