Macquarie Group Limited

Update

Key Rating Drivers

Low Double Leverage: Fitch Ratings aligns Macquarie Group Limited's (MGL) ratings with the consolidated group assessment to reflect modest common equity double leverage and sound liquidity management. We expect MGL's double leverage ratio to be managed below 120% and for liquidity management at the operating and bank holding company level to remain strong.

Internationally Diversified Operations: We take a blended approach to assign operating environment scores for MGL, given the extensive international operations. MGL's score reflects the heavy weighting of its assets and exposures in jurisdictions where we score the operating environment in the 'aa' range.

Annuity-Style Business Improves Stability: MGL's business model and earnings stability have improved over the past decade, driven by growth in banking operations and Macquarie Asset Management, which generates substantial fees on assets under management.

We expect Macquarie Bank Limited (MBL, A+/Stable/a) to continue expanding market share in Australian lending and deposits, maintaining its strong position among domestic banks outside the four majors. Mortgage growth is focused on low-risk segments without compromising underwriting standards, which should support MBL's financial profile through economic cycles.

Robust Risk-Control Framework: MGL's centralised risk management framework and oversight of its subsidiaries through a dedicated risk group have underpinned a strong riskmanagement culture and robust financial outcomes over a sustained period. This offsets the group's larger risk appetite than at most other Australian banking groups.

Impaired Loans Near Peak: We expect a modest deterioration in MGL's asset quality in 2025, before it improves in 2026 as interest rates fall. However, losses from impaired loans are likely to remain low due to high levels of collateral in the loan book and low proportion of high loanto-value ratio loans.

Diversified Earnings Profile: The diversity of MGL's operations and revenue has supported sound profitability for an extended period and we expect this trend to continue. The group's fullyear earnings in the financial year ending March 2025 (FY25) were broadly consistent with our expectations. We anticipate a moderate earnings growth in FY26, driven by loan and customer growth, which will offset some margin compression due to competition and falling rates.

Robust Capital Buffers: We expect capital ratios to remain sound and continue to support the 'a' factor score for MGL. MGL's capital surplus to regulatory minimums was AUD9.5 billion, or about 30% above the regulatory requirement, at FYE25. MGL does not report a common equity Tier 1 ratio, so we place greater weight on other capitalisation metrics, such as tangible common equity/tangible assets, to assess the group's capitalisation and leverage.

Sound Liquidity Management: We expect funding and liquidity to remain well managed for the group over the next 12 months. This offsets some of the risk stemming from a greater reliance on wholesale funding than at international peers.

Banks Universal Commercial Banks Australia

Pating

| Ratings | |
|--------------------------------|--------|
| Foreign Currency | |
| Long-Term IDR | А |
| Short-Term IDR | F1 |
| Viability Rating | а |
| Government Support Rating | ns |
| Sovereign Risk | |
| Long-Term Foreign-Currency IDR | AAA |
| Long-Term Local-Currency IDR | AAA |
| Country Ceiling | AAA |
| Outlooks | |
| Long-Term Foreign-Currency IDR | Stable |
| | C1 1 1 |

| Long-Term Foreign-Currency IDR | Stable |
|--|--------|
| Sovereign Long-Term Foreign- Currency IDR | Stable |
| Sovereign Long-Term Local- Currency IDR | Stable |

Highest ESG Relevance Scores

| Environmental | 2 |
|---------------|---|
| Social | 3 |
| Governance | 3 |

Applicable Criteria

Bank Rating Criteria (March 2025) Non-Bank Financial Institutions Rating Criteria (January 2025)

Related Research

Global Economic Outlook – June 2025 (June 2025) Macquarie Group Limited (March 2025) Macquarie Bank Limited (March 2025) DM100 Banks Tracker (December 2024) Asia-Pacific Developed Market Banks Outlook 2025 (November 2024)

Analysts

Jack Do +61282560355 jack.do@fitchratings.com

Tim Roche +61282560310 tim.roche@fitchratings.com

Rating Sensitivities

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

MGL's ratings may be downgraded if the common equity double leverage exceeds 120% for a sustained period, although Fitch does not expect this to occur.

MGL's Viability Rating (VR) and Long-Term Issuer Default Rating (IDR) are broadly sensitive to the same factors as MBL's ratings, as a downgrade at MBL could result in an overall weaker consolidated group rating to which MGL is aligned.

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

MGL's ratings are broadly sensitive to similar factors as MBL's VR, as an upgrade of MBL's VR could result in a higher consolidated group rating to which MGL is aligned.

Other Debt and Issuer Ratings

| 0 | Outlook |
|----|---------|
| А | n.a. |
| F1 | n.a. |
| | |

Senior Unsecured

MGL's senior debt ratings are equalised with its IDRs, as there is a large buffer of holding company senior debt and group junior debt, which exceeds 10% of Fitch's estimated group risk-weighted assets. Moreover, MGL has highly diversified and reasonably sized subsidiaries.

Short-Term IDR

The Short-Term IDR of MGL is at the lower of the two options available at a Long-Term IDR of 'A', because the 'a' funding and liquidity score is lower than the minimum 'aa-' score to achieve the higher option of 'F1+'.

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

Short-Term IDR

A downgrade of MGL's Short-Term IDR would occur if the Long-Term IDR is downgraded to 'A-' or below and the funding and liquidity score is revised to below 'a'.

Senior Unsecured Instruments

MGL's senior unsecured instrument ratings would be downgraded if its IDRs were downgraded. MGL's senior debt ratings are also sensitive to a significant reduction in its bank holding company senior and group junior debt buffers.

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

Short-Term IDR

MGL's Short-Term IDR could be upgraded if the Long-Term IDR is upgraded to 'AA-', or the funding and liquidity score is revised to 'aa-' or above if there is no change to the Long-Term IDR.

Senior Unsecured Instruments

The long-term senior unsecured instrument ratings will be upgraded if MGL's Long-Term IDR is upgraded.

Ratings Navigator

| Ma | cquari | ie Gro | up Lin | nited | | | | ESG Relevance | | | Banks Ratings Navigator |
|------|--------------------------|---------------------|-----------------|------------------|-----------------------------|------------------------------|------------------------|--------------------------------|---------------------|-----------------------|-----------------------------|
| | | | | | Financia | l Profile | | | | | |
| | Operating Environment | Business Profile | Risk Profile | Asset Quality | Earnings & Profitability | Capitalisation & Leverage | Funding & Liquidity | Implied Viability Rating | Viability Rating | Government Support | lssuer Default Rating |
| | | 20% | 10% | 20% | 15% | 25% | 10% | | | | |
| aaa | | | | | | | | ааа | ааа | aaa | AAA |
| aa+ | | | | | | | | aa+ | aa+ | aa+ | AA+ |
| aa | | | | | | | | аа | аа | аа | AA |
| aa- | | | | | | | | aa- | aa- | aa- | AA- |
| a+ | | | | | | | | a+ | a+ | a+ | A+ |
| а | | | | | | | | а | а | a | A Sta |
| a- | | | | | | | | a- | a- | a- | A- |
| bbb+ | | | | | | | | bbb+ | bbb+ | bbb+ | BBB+ |
| bbb | | | | | | | | bbb | bbb | bbb | BBB |
| bbb- | | | | | | | | bbb- | bbb- | bbb- | BBB- |
| bb+ | | | | | | | | bb+ | bb+ | bb+ | BB+ |
| bb | | | | | | | | bb | bb | bb | BB |
| bb- | | | | | | | | bb- | bb- | bb- | BB- |
| b+ | | | | | | | | b+ | b+ | b+ | B+ |
| b | | | | | | | | b | b | b | В |
| b- | | | | | | | | b- | b- | b- | В- |
| ccc+ | | | | | | | | ccc+ | ccc+ | ccc+ | CCC+ |
| ссс | | | | | | | | ccc | ссс | ccc | CCC |
| ccc- | | | | | | | | ccc- | ccc- | ccc- | CCC- |
| сс | | | | | | | | сс | сс | сс | СС |
| с | | | | | | | | с | с | с | С |
| f | | | | | | | | f | f | ns | D or RD |

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. There is no implied range for the earnings and profitability and capitalisation and leverage KRDs because risk-weighted assets are not reported by MGL. We have assessed these KRDs based on other complementary metrics rather than the core metrics of operating profit/risk-weighted assets and the common equity Tier 1 ratio.

Financials

| — | | lar 25 | 31 Mar 24 | 31 Mar 23 | 31 Mar 22 |
|--|--------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | Year End | Year End | Year End | Year End | Year End |
| | (USDm) | (AUDm) | (AUDm) | (AUDm) | (AUDm |
| | - Audited unqualified | Audited - unqualified | Audited - unqualified | Audited - unqualified | Audited - unqualified |
| Summary income statement | | | | | - |
| Net interest and dividend income | 2,202 | 3,507.0 | 3,459.0 | 3,028.0 | 2,860.0 |
| Net fees and commissions | 3,507 | 5,584.0 | 5,178.0 | 5,530.0 | 5,858.0 |
| Other operating income | 5,712 | 9,096.0 | 8,411.0 | 9,583.0 | 5,297.0 |
| Total operating income | 11,421 | 18,187.0 | 17,048.0 | 18,141.0 | 14,015.0 |
| Operating costs | 8,079 | 12,865.0 | 12,619.0 | 11,121.0 | 9,835.0 |
| Pre-impairment operating profit | 3,342 | 5,322.0 | 4,429.0 | 7,020.0 | 4,180.0 |
| Loan and other impairment charges | 167 | 266.0 | -134.0 | 388.0 | 250.0 |
| Operating profit | 3,175 | 5,056.0 | 4,563.0 | 6,632.0 | 3,930.0 |
| Other non-operating items (net) | 8 | 12.0 | 263.0 | 360.0 | 2,609.0 |
| Тах | 833 | 1,326.0 | 1,291.0 | 1,824.0 | 1,586.0 |
| Net income | 2,350 | 3,742.0 | 3,535.0 | 5,168.0 | 4,953.0 |
| Other comprehensive income | 538 | 857.0 | 350.0 | 1,623.0 | 52.0 |
| Fitch comprehensive income | 2,888 | 4,599.0 | 3,885.0 | 6,791.0 | 5,005.0 |
| Summary balance sheet | | | | | |
| Assets | | | | | |
| Gross loans | 129,941 | 206,913.0 | 177,586.0 | 159,888.0 | 135,775.0 |
| - Of which impaired | 1,444 | 2,299.0 | 2,762.0 | 2,025.0 | 1,644.0 |
| Loan loss allowances | 794 | 1,265.0 | 1,215.0 | 1,316.0 | 1,031.0 |
| Net loans | 129,147 | 205,648.0 | 176,371.0 | 158,572.0 | 134,744.0 |
| Interbank | n.a. | n.a. | n.a. | n.a. | n.a |
| Derivatives | 15,241 | 24,269.0 | 24,067.0 | 36,114.0 | 84,891.0 |
| Other securities and earning assets | 77,887 | 124,024.0 | 116,088.0 | 99,569.0 | 81,275.0 |
| Total earning assets | 222,275 | 353,941.0 | 316,526.0 | 294,255.0 | 300,910.0 |
| Cash and due from banks | 16,570 | 26,385.0 | 31,855.0 | 45,656.0 | 52,754.0 |
| Other assets | 40,754 | 64,895.0 | 55,023.0 | 47,961.0 | 45,512.0 |
| Total assets | 279,599 | 445,221.0 | 403,404.0 | 387,872.0 | 399,176.0 |
| Liabilities | | | | | |
| Customer deposits | 111,577 | 177,671.0 | 148,416.0 | 134,714.0 | 101,667.0 |
| Interbank and other short-term funding | 28,951 | 46,101.0 | 39,957.0 | 44,477.0 | 16,947.0 |
| Other long-term funding | 59,035 | 94,004.0 | 92,520.0 | 90,845.0 | 118,021.0 |
| Trading liabilities and derivatives | 18,350 | 29,219.0 | 30,629.0 | 37,600.0 | 89,754.0 |
| Total funding and derivatives | 217,913 | 346,995.0 | 311,522.0 | 307,636.0 | 326,389.0 |
| Other liabilities | 28,911 | 46,036.0 | 43,685.0 | 40,363.0 | 39,066.0 |
| Preference shares and hybrid capital | 10,300 | 16,401.0 | 14,201.0 | 5,767.0 | 4,915.0 |
| Total equity | 22,475 | 35,789.0 | 33,996.0 | 34,106.0 | 28,806.0 |
| Total liabilities and equity | 279,599 | 445,221.0 | 403,404.0 | 387,872.0 | 399,176.0 |
| Exchange rate | , | USD1 = AUD1.592357 | USD1 = AUD1.530925 | USD1 = AUD1.489869 | USD1 = AUD1.336541 |

Source: Fitch Ratings, Fitch Solutions, Macquarie Group Limited

Key Ratios

| | 31 Mar 25 | 31 Mar 24 | 31 Mar 23 | 31 Mar 22 |
|---|-----------|-----------|-----------|-----------|
| Ratios (annualised as appropriate) | | | | |
| Profitability | | | | |
| Operating profit/risk-weighted assets | n.a. | n.a. | n.a. | n.a |
| Net interest income/average earning assets | 1.0 | 1.1 | 0.9 | 1.1 |
| Non-interest expense/gross revenue | 75.6 | 76.4 | 67.6 | 72.4 |
| Net income/average equity | 10.9 | 10.5 | 16.4 | 19.7 |
| Asset quality | | | | |
| Impaired loans ratio | 1.1 | 1.6 | 1.3 | 1.2 |
| Growth in gross loans | 16.5 | 11.1 | 17.8 | 27.9 |
| Loan loss allowances/impaired loans | 55.0 | 44.0 | 65.0 | 62.7 |
| Loan impairment charges/average gross loans | 0.2 | -0.1 | 0.2 | 0.1 |
| Capitalisation | | | | |
| Common equity Tier 1 ratio | n.a. | n.a. | n.a. | n.a |
| Fully loaded common equity Tier 1 ratio | n.a. | n.a. | n.a. | n.a |
| Fitch Core Capital ratio | n.a. | n.a. | n.a. | n.a |
| Tangible common equity/tangible assets | 7.3 | 7.1 | 7.5 | 6.0 |
| Basel leverage ratio | n.a. | n.a. | n.a. | n.a |
| Net impaired loans/common equity Tier 1 | n.a. | n.a. | n.a. | n.a |
| Net impaired loans/Fitch Core Capital | n.a. | n.a. | 2.5 | 2.6 |
| Funding and liquidity | | | | |
| Gross loans/customer deposits | 116.5 | 119.7 | 118.7 | 133.6 |
| Gross loans/customer deposits + covered bonds | n.a. | n.a. | 117.8 | n.a |
| Liquidity coverage ratio | n.a. | n.a. | n.a. | n.a |
| Customer deposits/total non-equity funding | 52.3 | 49.5 | 48.0 | 41.2 |
| Net stable funding ratio | n.a. | n.a. | n.a. | n.a |

Support Assessment

| Commercial Banks: Government Support | | | | | |
|---|-------------|--|--|--|--|
| Typical D-SIB GSR for sovereign's rating level (assuming high propensity) | a+ to a- | | | | |
| Actual jurisdiction D-SIB GSR | а | | | | |
| Government Support Rating | ns | | | | |
| | | | | | |
| Government ability to support D-SIBs | | | | | |
| Sovereign Rating | AAA/ Stable | | | | |
| Size of banking system | Negative | | | | |
| Structure of banking system | Negative | | | | |
| Sovereign financial flexibility (for rating level) | Positive | | | | |
| | | | | | |
| Government propensity to support D-SIBs | | | | | |
| Resolution legislation | Neutral | | | | |
| Support stance | Neutral | | | | |
| | | | | | |
| Government propensity to support bank | | | | | |
| Systemic importance | Negative | | | | |
| Liability structure | Negative | | | | |
| Ownership | Neutral | | | | |

The colours indicate the weighting of each KRD in the assessment. Higher influence Moderate influence Lower influence

MGL's Government Support Rating (GSR) of 'ns' (no support) reflects our view that there is no reasonable assumption that support will be forthcoming from the Australian authorities. We believe that if support were provided to the group, it would most likely be through the regulated bank, MBL.

Subsidiaries and Affiliates

Core and Integral Subsidiaries

Macquarie Financial Limited's (MFL, A/Stable) Long-Term IDR, which is driven by its Shareholder Support Rating (SSR) of 'a', is equalised with that of its direct parent, MGL. MFL's SSR reflects its status as a key and integral part of the group's business, undertaking core non-banking activities. In addition, if MFL were to default, it would have a huge impact on the reputation of MGL and damage the group's franchise.

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

A downgrade in the IDRs of MGL would be reflected in the IDRs of MFL, assuming no change to Fitch's assumption around the propensity of support. In addition, a reduction in the role and relevance of MFL to the group could lead to a downward revision of its SSR and therefore the IDRs.

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

An upgrade in the IDRs of MGL would be reflected in the IDRs of MFL, assuming no change to our assumption around the propensity of support.

Banks

Ratings Navigator

Environmental, Social and Governance Considerations

FitchRatings Macquarie Group Limited

Credit-Relevant ESG Derivation

Environmental (E) Relevance Scores

| acquarie Group Limited has 5 ESG potential rating drivers | ke |
|--|-------|
| Macquarie Group Limited has exposure to compliance risks including fair lending practices, mis-selling, repossession/foreclosure practices, consumer data protection (data security) but this has very low impact on the rating. | |
| Sovernance is minimally relevant to the rating and is not currently a driver. | |
| | poter |
| | |

| | | | | | elevance to dit Rating |
|---|---------------------|---|--------|---|---------------------------|
| 1 | key driver | 0 | issues | 5 | |
| | driver | 0 | issues | 4 | |
| | potential driver | 5 | issues | 3 | |
| | not a rating driver | 4 | issues | 2 | |
| | not a fating driver | 5 | issues | 1 | |

| General Issues | E Score | | Reference | E Rel | evance | |
|---|---------|--|--|-------|--------|---|
| GHG Emissions & Air Quality | 1 | n.a. | n.a. | 5 | | How to Read This Page ESG relevance scores range from 1 to 5 based on a 15-level colo gradation. Red (5) is most relevant to the credit rating and green (1) is least relevant. |
| Energy Management | 1 | n.a. | n.a. | 4 | | The Environmental (E), Social (S) and Governance (G tables break out the ESG general issues and the sector-specific issues that are most relevant to each industry group. Relevance scores are assigned to each sector-specific issue, signaling th |
| Water & Wastewater Management | 1 | n.a. | n.a. | 3 | | credit-relevance of the sector-specific issues to the issuer overall credit rating. The Criteria Reference column highlights the factor(s) within which the corresponding ESG issues are captured in Fitch's credit analysis. The vertical color bars are visualizations |
| Waste & Hazardous Materials Management; Ecological Impacts | 1 | n.a. | n.a. | 2 | | of the frequency of occurrence of the highest constituen relevance scores. They do not represent an aggregate of the relevance scores or aggregate ESG credit relevance. The Credit-Relevant ESG Derivation table's far right column is |
| Exposure to Environmental Impacts | 2 | Impact of extreme weather events on assets and/or operations and corresponding risk appetite & management; catastrophe risk; credit concentrations | Business Profile (incl. Management & governance); Risk Profile; Asset Quality | 1 | | The creat-relevant ESS berivation tables ial right column's a visualization of the frequency of occurrence of the highest ESC relevance scores across the combined E, S and G categories The three columns to the left of ESG Relevance to Credit Rating summarize rating relevance and impact to credit from ESC |
| Social (S) Relevance Scores | | | | | | issues. The box on the far left identifies any ESG Relevance Sub factor issues that are drivers or potential drivers of the issuer's |
| General Issues | S Score | e Sector-Specific Issues | Reference | S Rel | evance | credit rating (corresponding with scores of 3, 4 or 5) and provides a brief explanation for the relevance score. All scores of 4 and 5 |
| 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 | | a dise expansion on the relevance score. An scores of 4 and 3 are assumed to reflect a negative impact unless indicated with a '+' sign for positive impact.h scores of 3, 4 or 5) and provides a brief explanation for the score. |
| 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 Fitch' sector ratings criteria. The General Issues and Sector-Specifi Issues draw on the classification standards published by th United Nations Principles for Responsible Investing (FRI), the Sustainability Accounting Standards Doard (SASB), and th |
| Labor Relations & Practices | 2 | Impact of labor negotiations, including board/employee compensation and composition | Business Profile (incl. Management & governance) | 3 | | World Bank. |
| 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 S | cores | | | | | CREDIT-RELEVANT ESG SCALE |
| General Issues | G Score | e Sector-Specific Issues | Reference | G Rel | evance | How relevant are E, S and G issues to the overall credit rating? |
| Management Strategy | 3 | Operational implementation of strategy | Business Profile (incl. Management & governance) | 5 | | 5 Highly relevant a key rating driver that has a significant impact on the rating on an individual basis. Equivalent to 'higher' relative importance within Navigator. |
| 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 Relevant to rating, not a key rating driver but has an impact on the rating in combination with other factors. Equivalent to "moderate" relative importance within Navigator. |

Business Profile (incl. Management & governance)

Business Profile (incl. Management & governance)

Organizational structure; appropriateness relative to business model; opacity; intra-group dynamics; ownership

Quality and frequency of financial reporting and auditing

3

3

processes

Group Structure

Financial Transparency

Minimally relevant to rating, either very low impact or actively managed in a way that results in no impact on the entity rating. Equivalent to "lower" relative importance within Navigator.

Irrelevant to the entity rating but relevant to the

Irrelevant to the entity rating and irrelevant to the

secto

sector

3

2

1

3

2

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.

DISCLAIMER & DISCLOSURES

All Fitch Ratings (Fitch) credit ratings are subject to certain limitations and disclaimers. Please read these limitations and disclaimers by https://www.fitchratings.com/understandingcreditratings. In addition, following this link: the following https://www.fitchratings.com/rating-definitions-document details Fitch's rating definitions for each rating scale and rating categories, including definitions relating to default. Published ratings, criteria, and methodologies are available from this site at all times. Fitch's code of conduct, confidentiality, conflicts of interest, affiliate firewall, compliance, and other relevant policies and procedures are also available from the Code of Conduct section of this site. Directors and shareholders' relevant interests are available at https://www.fitchratings.com/site/regulatory. Fitch may have provided another permissible or ancillary service to the rated entity or its related third parties. Details of permissible or ancillary service(s) for which the lead analyst is based in an ESMA- or FCA-registered Fitch Ratings company (or branch of such a company) can be found on the entity summary page for this issuer on the Fitch Ratings website.

In issuing and maintaining its ratings and in making other reports (including forecast information), Fitch relies on factual information it receives from issuers and underwriters and from other sources. Fitch believes to be credible. Fitch conducts a reasonable investigation of the factual information relied upon by it in accordance with its ratings methodology, and obtains reasonable verification of that information from independent sources, to the extent such sources are available for a given security or in a given jurisdiction. The manner of Fitch's factual investigation and the scope of the third-party verification it obtains will vary depending on the nature of the rated security and its issuer, the requirements and practices in the jurisdiction in which the rated security is offered and sold and/or the issuer is located, the availability and nature of relevant public information, access to the management of the issuer and its advisers, the availability of pre-existing third-party verifications such as audit reports, agreed-upon procedures letters, appraisals, actuarial reports, engineering reports, legal opinions and other reports provided by third parties, the availability of independent and competent third-party verification such as audit reports. Users of Fitch's ratings and reports should understand that neither an enhanced factual investigation nor any third-party verification can ensure that all of the information Fitch relies on in connection with a rating or a report will be accurate and complete. Ultimately, the issuer and its reports, fitch must rely on the work of experts, including independent auditors with respect to financial statements and attorneys with respect to legal and tax matters. Further, ratings and forecasts of financial and other information are inherently forward-looking and embody assumptions and predictions shout future events that by their nature cannot be verified as fast. As a result, despite any verification of current facts, ratings and forecasts can be affected by future

The information in this report is provided "as is" without any representation or warranty of any kind, and Fitch does not represent or warrant that the report or any of its contents will meet any of the requirements of a recipient of the report. A Fitch rating is an opinion as to the creditworthiness of a security. This opinion and reports made by Fitch are based on established criteria and methodologies that Fitch is continuously evaluating and updating. Therefore, ratings and reports are the collective work product of Fitch are no individual, or group of individuals, is solely responsible for a rating or a report. The rating does not address the risk of loss due to risks other than credit risk, unless such risk is specifically mentioned. Fitch is not engaged in the offer or sale of any security. All Fitch reports have shared authorship. Individuals identified in a Fitch report were involved in, but are not solely responsible for, the opinions stated therein. The individuals are named for contact purposes only. A report providing a Fitch rating is neither a prospectus or a substitute for the information assembled, verified and presented to investors by the issuer and its agents in connection with the sale of the securities. Ratings may be changed or withdrawn at any time for any reason in the sole discretion of Fitch. Fitch does not provide investment advice of any sort. Ratings are not a recommendation to buy, sell, or hold any security. Ratings do not comment on the adequacy of market price, the suitability of any security for a particular investor, or the tax-exempt nature or taxability of payments made in respect to any security. Fitch receives fees from issuers, insurers, guarantors, other obligors, and underwriters for rating securities. Such fees generally vary from US\$1,000 to US\$1,500,000 (or the applicable currency equivalent) per issue. In certain cases, Fitch will rate all or a number of issue issued by a particular insurer or guarantor, for a single annual fee. Such fees are expected to vary from

For Australia, New Zealand, Taiwan and South Korea only: Fitch Australia Pty Ltd holds an Australian financial services license (AFS license no. 337123) which authorizes it to provide credit ratings to wholesale clients only. Credit ratings information published by Fitch is not intended to be used by persons who are retail clients within the meaning of the Corporations Act 2001.

Fitch Ratings, Inc. is registered with the U.S. Securities and Exchange Commission as a Nationally Recognized Statistical Rating Organization (the "NRSRO"). While certain of the NRSRO's credit rating subsidiaries are listed on Item 3 of Form NRSRO and as such are authorized to issue credit ratings on behalf of the NRSRO (see https://www.fitchratings.com/site/regulatory), other credit rating subsidiaries are not listed on Form NRSRO more credit rating subsidiaries are not listed on Form NRSRO (the "non-NRSROs") and therefore credit ratings issued by those subsidiaries are not issued on behalf of the NRSRO. However, non-NRSRO personnel may participate in determining credit ratings issued by or on behalf of the NRSRO.

Copyright © 2025 by Fitch Ratings, Inc., Fitch Ratings Ltd. and its subsidiaries. 33 Whitehall Street, NY, NY 10004. Telephone: 1-800-753-4824, (212) 908-0500. Reproduction or retransmission in whole or in part is prohibited except by permission. All rights reserved.