

## CREDIT OPINION

18 September 2025

### Update



Send Your Feedback

### RATINGS

#### Peel, Regional Municipality of

|                  |                             |
|------------------|-----------------------------|
| Domicile         | Ontario, Canada             |
| Long Term Rating | Aaa                         |
| Type             | Senior Unsecured - Dom 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.

### Contacts

Adam Hardi, CFA +1.416.214.3636  
VP-Sr Credit Officer  
adam.hardi@moody's.com

Max Pinto +1.647.417.6303  
Sr Ratings Associate  
suchith.pinto@moody's.com

Michael Yake +1.416.214.3865  
Associate Managing Director  
michael.yake@moody's.com

### CLIENT SERVICES

Americas 1-212-553-1653  
Asia Pacific 852-3551-3077  
Japan 81-3-5408-4100  
EMEA 44-20-7772-5454

## Regional Municipality of Peel (Canada)

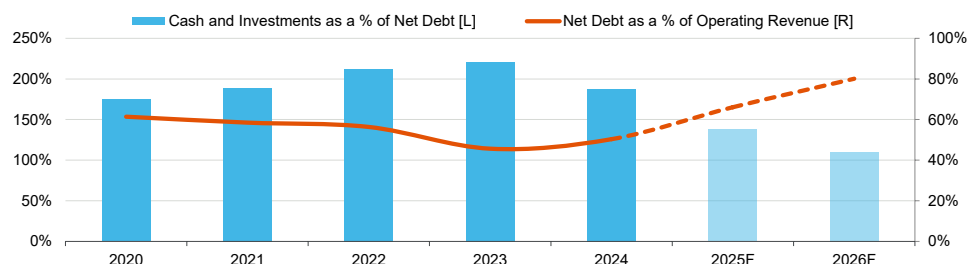
### Update to credit analysis

#### Summary

The credit profile of the [Regional Municipality of Peel](#) (Peel, Aaa stable) reflects a growing local economy backed by strong population growth, and predictable revenue sources from stable property taxes and utility fees. The region maintains excellent reserves balances including long-term investments, which provide significant coverage of debt and expenses. We characterize the region's debt affordability as very high, along with moderate, although rising debt levels. Key pressures include inflationary pressures on expenses and high levels of capital spending which is needed to support growth-related infrastructure. Provincial legislative changes that reduce development charge revenues and introduce legislative changes to the region's services pose additional fiscal and governance challenges.

Exhibit 1

#### Very strong debt coverage and debt burden metrics could weaken following a rise in debt



Year ending December 31

Sources: Regional Municipality of Peel and Moody's Ratings

#### Credit strengths

- » Solid operating results supported by a growing economy and strong governance
- » Sizable cash and investment holdings support solid liquidity and strong expense coverage ratios
- » High debt affordability and moderate, although increasing, debt levels

#### Credit challenges

- » Cost pressures from capital spending and wage and general cost inflation
- » Provincial legislative changes result in fiscal and governance challenges

## Rating outlook

The outlook is stable which reflects our view that predictable revenue sources and continued favourable economic fundamentals will support strong fiscal results and high levels of liquidity and long-term savings.

## Factors that could lead to a downgrade

Given its Aaa ratings, Peel's ratings cannot be upgraded. The ratings could be downgraded if the debt burden rose materially above our current projections, along with a significant decline of liquidity. A material weakening in fiscal results, leading to declining operating margins, would also put downward pressure on the region's rating.

## Key indicators

Exhibit 2

### Regional Municipality of Peel

| (Year Ending 12/31)                                | 2021 | 2022 | 2023 | 2024 | 2025F | 2026F |
|--|------|------|------|------|-------|-------|
| Net Direct and Indirect Debt/Operating Revenue (%) | 58.5 | 56.4 | 45.7 | 50.3 | 66.1  | 80.1  |
| Primary Operating Balance/Operating Revenue (%)    | 16.5 | 14.7 | 13.8 | 12.1 | 12.0  | 11.7  |
| Interest Payments/Operating Revenue (%)            | 2.6  | 2.4  | 2.1  | 1.9  | 2.2   | 2.5   |
| Debt Service/Total Revenue (%)                     | 8.8  | 2.9  | 3.8  | 3.2  | 2.5   | 6.4   |
| Capital Spending/Total Expenditures (%)            | 16.9 | 21.4 | 23.8 | 26.7 | 23.2  | 22.0  |

Sources: Regional Municipality of Peel and Moody's Ratings

## Profile

Peel is the upper tier government of a two-tier regional district located in the [Province of Ontario](#) (Aa3 stable), west of the [City of Toronto](#) (Aa1 stable), and is part of the Greater Toronto Area (GTA), Canada's largest industrial and commercial center. The region's main responsibilities include delivering core municipal, social and emergency services, and infrastructure. The lower tier municipalities include the cities of Mississauga and Brampton and the town of Caledon. Peel is home to 1.6 million residents, with strong population growth driven by immigration. Its service-based economy is supported by transportation, warehousing, real estate, and professional services.

## Detailed credit considerations

The credit profile of Peel, as expressed in its Aaa stable rating, reflects a baseline credit assessment (BCA) of aaa for the region and our assessment of a high likelihood of extraordinary support coming from Ontario in the event that the region faced acute liquidity stress.

### Baseline credit assessment

#### Solid operating results supported by a growing economy and strong governance

Peel has a history of solid operating performance, with an operating margin of 12.1% in 2024. Although this falls below the median of 23.6% for Aaa-rated Canadian peers, operating performance is supported by revenue streams that remain largely protected from market events. These include property taxes and user fees, which account for close to 60% of Peel's operating revenues, and reliable transfers from provincial and federal governments constituting around 25-30% of operating revenues.

Peel continues to benefit from high immigration levels and a resilient, service-oriented economy. Despite recent federal policy changes that introduced caps on immigration levels for 2025–2027, Peel's population is still projected to grow steadily, reaching approximately 2.3 million by 2051 from an estimated 1.66 million in 2024. Peel has historically outperformed Ontario on a number of economic and labor market indicators, with favourable employment statistics, strong GDP growth and high GDP per capita. However, for 2025 and part of 2026 we expect that growth will slow given macroeconomic challenges from tariffs and trade uncertainty and slower immigration.

The regional economy has a significant presence of key sectors, including transportation, logistics, real estate, and professional services. The region also benefits from its proximity to Toronto, Canada's largest commercial and financial center, its sound manufacturing base and its broad range of sectors. Although some sectors are more exposed to the negative impacts of US tariffs and trade uncertainty,

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

most Canadian exports to the US remain exempt from tariffs as long as trade complies with the Canada-United States-Mexico Agreement (CUSMA).

Peel's operating results are also supported by strong governance and management including transparent and timely fiscal reporting, similar to other highly rated municipalities in Ontario. In our view, Peel has significant capacity to reduce or adjust operating revenues and spending and modify capital plans as necessary.

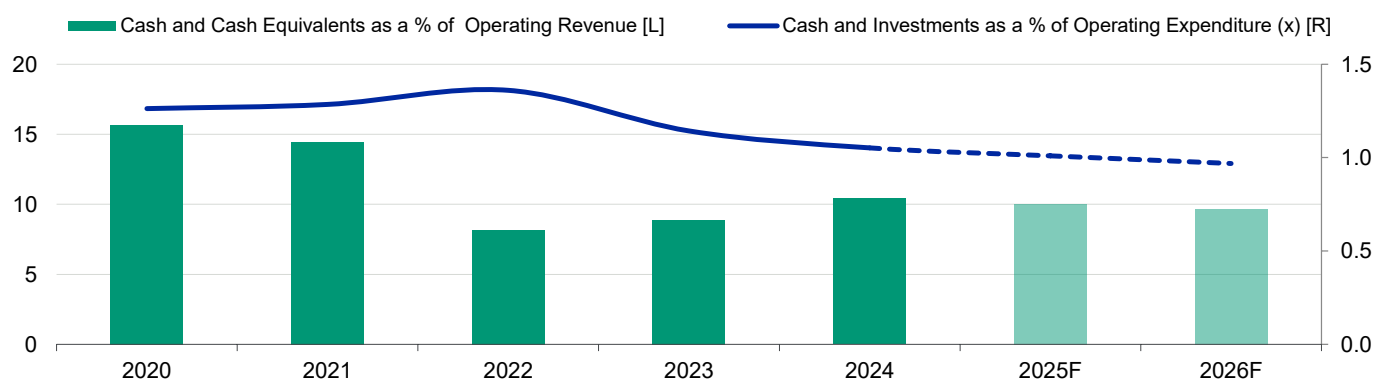
#### **Sizable cash and investment holdings support solid liquidity and strong expense coverage ratios**

Peel's conservative budgeting practices and its track record of strong performance have allowed it to build up sizeable reserves which provide a large financial cushion against fiscal pressures. The region's total cash and investments grew to CAD3.3 billion in 2024, and provide substantial coverage of net direct and indirect debt (1.9x in 2024) and operating expenses (1.1x), which are in-line with Aaa-rated Canadian peers.

Over the last few years, the region has gradually repositioned a portion of its cash and cash equivalent securities into long-term investments to maximize returns. While this resulted in a decline in the more stringent liquidity ratio measure (total cash and cash equivalents as a % of operating revenue) to 10.4% in 2024 from 37.5% at FYE 2017), we classify the region's overall cash and investment holdings as very strong. Much of the long-term investments are held in reserves dedicated to future operating and capital outlays. We expect that Peel will be able to continue building up its long-term reserves from positive cash flows from operating surpluses.

Exhibit 3

**We expect that liquidity and coverage ratios will remain near current levels over the next two years**



Year ending December 31

Sources: Regional Municipality of Peel and Moody's Ratings

#### **High debt affordability and moderate, although increasing, debt levels**

We classify debt affordability as very high, along with modest levels of debt. The region issues debt for its own purposes as well as on behalf of its lower-tier municipalities which currently must borrow long-term debt through the region. The majority of Peel's debt is issued for financing regional water and wastewater infrastructure, with approximately 85% of outstanding debt constituting regional debt, and 15% constituting debt on behalf of lower-tier municipalities.

The region maintains a prudent debt management strategy, including a low reliance on short-term debt financing and maintaining limits on debt servicing costs (provincially capped at 25% of revenue). The debt maturity profile is well distributed, with predictable and manageable debt maturities over the next 30 years. Net direct and indirect debt stood at 50.3% of operating revenue in 2024, the first increase after about a decade of consistent decline. The region also maintains significant debenture sinking funds (CAD552 million at year-end 2024, including CAD6.4 million sinking fund reserves of lower-tier municipalities), which support its capacity to repay upcoming maturities.

In recent years, the region has aimed to limit its reliance on long-term debt financing as it prioritizes other funding sources, including reserves or pay-as-you-go capital financing. However, an increased need to fund capital projects to meet the growing demand for

regional services and to maintain assets in a state of good repair, we expect that the debt burden will rise to around 70-80% over the next two years. These levels are consistent with, but at the upper end of Aaa-rated peers.

The region's debt affordability is also very strong, with interest expense measuring 1.9% of operating revenue in 2024. Although we expect an increased need for debt issuance over the next two years, controlled debt increases will maintain the interest burden below 3% over the next two years.

#### **Cost pressures from capital spending and wage and general cost inflation**

The region's need for increased services to support a growing population, including social and emergency services, will continue to put upward pressure on expenses. Growth remains robust driven by the region's prime location in the Greater Toronto Area and high levels of international immigration. Social expenditures (social services and housing) and emergency services (including police and paramedic) remain necessary to address social pressures, and will continue to weight on the total expenditures of the region.

The need to fund growth and maintain infrastructure will also exert pressure on capital spending. Cost escalation and rising capital needs are evidenced in the region's 10-year capital budget for 2025-2034, which includes a combined CAD23.5 billion in spending, an increase from previous 10-year plan of CAD20.4 billion for 2024-2033. The region also faces cost escalation pressures from rising salaries and benefits which currently make up approximately 40% of total expenses, and therefore represent one of the key drivers of expense increases.

#### **Provincial legislative changes result in fiscal and governance challenges**

Over the past several years, the province has enacted a series of legislative changes that in our view negatively impact regional finances. Most recently, Bill 17 – Protect Ontario by Building Faster and Smarter Act 2025, was passed to accelerate housing development. The bill exempts development charges (DCs) for long term care homes and permits the deferral of DCs until occupancy for residential development, which would reduce / delay revenues for the region. Simultaneously, it mandates that municipalities allocate or spend 60% of DC revenues annually, creating potential cash flow constraints for the region.

These developments follow earlier legislative changes introduced in 2022 restricting local governments' ability to impose development charges on certain projects, in order to encourage multi-unit projects and affordable housing.

Additionally, since 2023 and most recently in 2025, Ontario has expanded "strong mayor" powers to municipalities across the province, including most lower-tier municipalities within the region. Although granting these powers does not meaningfully change the governance of these municipalities, it increases the risk of indirect intervention by the province in municipal affairs by restricting some of the additional powers conditional on their use to advance provincial priorities.

In May 2023, the Province of Ontario introduced legislation to dissolve the two-tier region of Peel and transition Mississauga, Brampton, and Caledon into independent single-tier municipalities effective January 1, 2025. However, following a provincial review, the government reversed its decision in December 2023. Instead of the full dissolution, in 2025 Ontario introduced a phased transition of certain regional services - including waste collection and regional roads - to the lower-tier municipalities through 2027, while maintaining the overall regional structure.

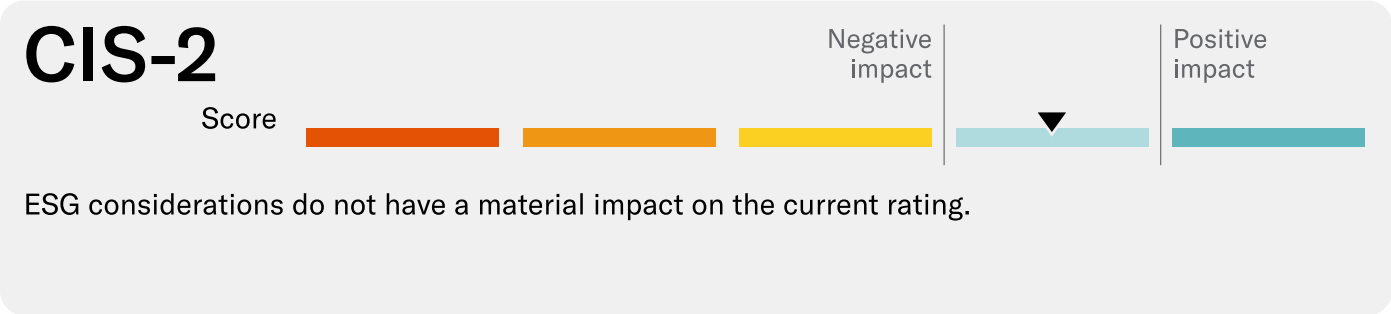
#### **Extraordinary support considerations**

While Peel's BCA of aaa already places the region in the Aaa rating bracket, Moody's assigns a high likelihood of extraordinary support based on our assessment of the risk to the province's reputation as a regulator of municipalities and incentive for the provincial government to minimize the risk of potential disruptions to capital markets if Peel, or any other municipality were allowed to default.

ESG considerations

Peel, Regional Municipality of's ESG credit impact score is CIS-2

Exhibit 4  
ESG credit impact score



Source: Moody's Ratings

The **CIS-2** Credit Impact Score for Peel reflects a low impact of ESG considerations on the ratings.

Exhibit 5  
ESG issuer profile scores



Source: Moody's Ratings

Environmental

The **E-2** issuer profile score (IPS) reflects a low exposure to climate risks and neither spending nor revenue are materially impacted by environmental changes.

Social

The **S-2** social IPS reflects mitigated risks related to the provision of public services such as public safety (police and paramedic) and environmental (water and waste collection), but these services do not face material risks given predictable demographic trends which allow for long-term forecasting of service requirements. The region's residents have high levels of education and have access to basic services.

Governance

The **G-1** governance IPS reflects Peel's very strong budget and fiscal management practices and strong institutional framework. The region is subject to balanced budget legislation and utilizes prudent financing planning giving a forward-looking view to potential budget challenges with the ability to adjust plans on a timely basis to mitigate any credit implications. The region provides transparent, timely financial reports including forward-looking fiscal policies, annual operating budgets and 10-year capital plans which are updated annually and adheres to strict policies on debt and investment management.

ESG Issuer Profile Scores and Credit Impact Scores for the rated entity/transaction are available on Moodys.com. In order to view the latest scores, please click [here](#) to go to the landing page for the entity/transaction on MDC and view the ESG Scores section.

## Rating methodology and scorecard factors

The assigned BCA of aaa is in line with the BCA scorecard-indicated outcome of aaa. For details about our rating approach, please refer to the Regional and Local Governments methodology.

Exhibit 6

### Peel, Regional Municipality of Regional & Local Governments

| Baseline Credit Assessment – Scorecard                   | Score | Value    | Sub-factor Weighting | Sub-factor Score | Factor Weighting | Total             |
|--|-------|----------|----------------------|------------------|------------------|-------------------|
| <b>Factor 1: Economy</b>                                 |       |          |                      |                  | <b>25%</b>       | <b>0.88</b>       |
| Regional Income [1]                                      | 1.88  | 62856.10 | 15%                  | 0.28             |                  |                   |
| Economic Growth  | 9.00  | baa      | 5%                   | 0.45             |                  |                   |
| Economic Diversification                                 | 3.00  | aa       | 5%                   | 0.15             |                  |                   |
| <b>Factor 2: Institutional Framework and Governance</b>  |       |          |                      |                  | <b>30%</b>       | <b>0.30</b>       |
| Institutional Framework                                  | 1.00  | aaa      | 15%                  | 0.15             |                  |                   |
| Governance   | 1.00  | aaa      | 15%                  | 0.15             |                  |                   |
| <b>Factor 3: Financial Performance</b>                   |       |          |                      |                  | <b>20%</b>       | <b>1.48</b>       |
| Operating Margin [2]                                     | 6.70  | 12.14%   | 10%                  | 0.67             |                  |                   |
| Liquidity Ratio [3]                                      | 10.25 | 10.42%   | 5%                   | 0.51             |                  |                   |
| Ease of Access to Funding                                | 6.00  | a        | 5%                   | 0.30             |                  |                   |
| <b>Factor 4: Leverage</b>                                |       |          |                      |                  | <b>25%</b>       | <b>1.15</b>       |
| Debt Burden [4]  | 3.79  | 50.51%   | 15%                  | 0.57             |                  |                   |
| Interest Burden [5]                                      | 5.79  | 1.93%    | 10%                  | 0.58             |                  |                   |
| <b>Preliminary BCA Scorecard-Indicated Outcome (SIO)</b> |       |          |                      |                  |                  | <b>(3.81) aa3</b> |
| <b>Idiosyncratic Notching</b>                            |       |          |                      |                  |                  | <b>1.0</b>        |
| <b>Preliminary BCA SIO After Idiosyncratic Notching</b>  |       |          |                      |                  |                  | <b>(2.81) aa2</b> |
| <b>Sovereign Rating Threshold</b>                        |       |          |                      |                  |                  | <b>Aaa</b>        |
| <b>Operating Environment Notching</b>                    |       |          |                      |                  |                  | <b>1.5</b>        |
| <b>BCA Scorecard-Indicated Outcome</b>                   |       |          |                      |                  |                  | <b>(1.31) aaa</b> |
| <b>Assigned BCA</b>                                      |       |          |                      |                  |                  | <b>aaa</b>        |

[1] Regional GDP per capita in terms of purchasing power parity (PPP) terms, in international dollars

[2] Primary Operating Balance / Operating Revenue

[3] Cash and Cash Equivalents / Operating Revenue

[4] Net Direct and Indirect Debt / Operating Revenue

[5] Interest Payments / Operating Revenue

Source: Moody's Ratings; Fiscal 2024.

## Ratings

Exhibit 7

| Category                              | Moody's Rating |
|---------------------------------------|----------------|
| <b>PEEL, REGIONAL MUNICIPALITY OF</b> |                |
| Outlook                               | Stable         |
| Baseline Credit Assessment            | aaa            |
| Senior Unsecured -Dom Curr            | Aaa            |

Source: Moody's Ratings

© 2025 Moody's Corporation, Moody's Investors Service, Inc., Moody's Analytics, Inc. and/or their licensors and affiliates (collectively, "MOODY'S"). All rights reserved.

CREDIT RATINGS ISSUED BY MOODY'S CREDIT RATINGS AFFILIATES ARE THEIR CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, CREDIT COMMITMENTS, OR DEBT OR DEBT-LIKE SECURITIES, AND MATERIALS, PRODUCTS, SERVICES AND INFORMATION PUBLISHED OR OTHERWISE MADE AVAILABLE BY MOODY'S (COLLECTIVELY, "MATERIALS") MAY INCLUDE SUCH CURRENT OPINIONS. MOODY'S DEFINES CREDIT RISK AS THE RISK THAT AN ENTITY MAY NOT MEET ITS CONTRACTUAL FINANCIAL OBLIGATIONS AS THEY COME DUE AND ANY ESTIMATED FINANCIAL LOSS IN THE EVENT OF DEFAULT OR IMPAIRMENT. SEE APPLICABLE MOODY'S RATING SYMBOLS AND DEFINITIONS PUBLICATION FOR INFORMATION ON THE TYPES OF CONTRACTUAL FINANCIAL OBLIGATIONS ADDRESSED BY MOODY'S CREDIT RATINGS. CREDIT RATINGS DO NOT ADDRESS ANY OTHER RISK, INCLUDING BUT NOT LIMITED TO: LIQUIDITY RISK, MARKET VALUE RISK, OR PRICE VOLATILITY. CREDIT RATINGS, NON-CREDIT ASSESSMENTS ("ASSESSMENTS"), AND OTHER OPINIONS INCLUDED IN MOODY'S MATERIALS ARE NOT STATEMENTS OF CURRENT OR HISTORICAL FACT. MOODY'S MATERIALS MAY ALSO INCLUDE QUANTITATIVE MODEL-BASED ESTIMATES OF CREDIT RISK AND RELATED OPINIONS OR COMMENTARY PUBLISHED BY MOODY'S ANALYTICS, INC. AND/OR ITS AFFILIATES. MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND MATERIALS DO NOT CONSTITUTE OR PROVIDE INVESTMENT OR FINANCIAL ADVICE, AND MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND MATERIALS ARE NOT AND DO NOT PROVIDE RECOMMENDATIONS TO PURCHASE, SELL, OR HOLD PARTICULAR SECURITIES. MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND MATERIALS DO NOT COMMENT ON THE SUITABILITY OF AN INVESTMENT FOR ANY PARTICULAR INVESTOR. MOODY'S ISSUES ITS CREDIT RATINGS, ASSESSMENTS AND OTHER OPINIONS AND PUBLISHES OR OTHERWISE MAKES AVAILABLE ITS MATERIALS WITH THE EXPECTATION AND UNDERSTANDING THAT EACH INVESTOR WILL, WITH DUE CARE, MAKE ITS OWN STUDY AND EVALUATION OF EACH SECURITY THAT IS UNDER CONSIDERATION FOR PURCHASE, HOLDING, OR SALE.

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

ALL INFORMATION CONTAINED HEREIN IS PROTECTED BY LAW, INCLUDING BUT NOT LIMITED TO, COPYRIGHT LAW, AND NONE OF SUCH INFORMATION MAY BE COPIED OR OTHERWISE REPRODUCED, REPACKAGED, FURTHER TRANSMITTED, TRANSFERRED, DISSEMINATED, REDISTRIBUTED OR RESOLD, OR STORED FOR SUBSEQUENT USE FOR ANY SUCH PURPOSE, IN WHOLE OR IN PART, IN ANY FORM OR MANNER OR BY ANY MEANS WHATSOEVER, BY ANY PERSON WITHOUT MOODY'S PRIOR WRITTEN CONSENT. FOR CLARITY, NO INFORMATION CONTAINED HEREIN MAY BE USED TO DEVELOP, IMPROVE, TRAIN OR RETRAIN ANY SOFTWARE PROGRAM OR DATABASE, INCLUDING, BUT NOT LIMITED TO, FOR ANY ARTIFICIAL INTELLIGENCE, MACHINE LEARNING OR NATURAL LANGUAGE PROCESSING SOFTWARE, ALGORITHM, METHODOLOGY AND/OR MODEL.

MOODY'S CREDIT RATINGS, ASSESSMENTS, OTHER OPINIONS AND MATERIALS ARE NOT INTENDED FOR USE BY ANY PERSON AS A BENCHMARK AS THAT TERM IS DEFINED FOR REGULATORY PURPOSES AND MUST NOT BE USED IN ANY WAY THAT COULD RESULT IN THEM BEING CONSIDERED A BENCHMARK.

All information contained herein is obtained by MOODY'S from sources believed by it to be accurate and reliable. Because of the possibility of human or mechanical error as well as other factors, however, all information contained herein is provided "AS IS" without warranty of any kind. MOODY'S adopts all necessary measures so that the information it uses in assigning a credit rating is of sufficient quality and from sources MOODY'S considers to be reliable including, when appropriate, independent third-party sources. However, MOODY'S is not an auditor and cannot in every instance independently verify or validate information received in the credit rating process or in preparing its Materials.

To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability to any person or entity for any indirect, special, consequential, or incidental losses or damages whatsoever arising from or in connection with the information contained herein or the use of or inability to use any such information, even if MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers is advised in advance of the possibility of such losses or damages, including but not limited to: (a) any loss of present or prospective profits or (b) any loss or damage arising where the relevant financial instrument is not the subject of a particular credit rating assigned by MOODY'S.

To the extent permitted by law, MOODY'S and its directors, officers, employees, agents, representatives, licensors and suppliers disclaim liability for any direct or compensatory losses or damages caused to any person or entity, including but not limited to by any negligence (but excluding fraud, willful misconduct or any other type of liability that, for the avoidance of doubt, by law cannot be excluded) on the part of, or any contingency within or beyond the control of, MOODY'S or any of its directors, officers, employees, agents, representatives, licensors or suppliers, arising from or in connection with the information contained herein or the use of or inability to use any such information.

NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE ACCURACY, TIMELINESS, COMPLETENESS, MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OF ANY CREDIT RATING, ASSESSMENT, OTHER OPINION OR INFORMATION IS GIVEN OR MADE BY MOODY'S IN ANY FORM OR MANNER WHATSOEVER.

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

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

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

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

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





CLIENT SERVICES

|              |                 |
|--------------|-----------------|
| Americas     | 1-212-553-1653  |
| Asia Pacific | 852-3551-3077   |
| Japan        | 81-3-5408-4100  |
| EMEA         | 44-20-7772-5454 |