MOODY'S INVESTORS SERVICE

CREDIT OPINION

13 March 2018



Contacts

Heather Correia	+1.214.979.6868			
Analyst				
heather.correia@moodys.com				
Grayson Nichols	+1.214.979.6851			
AVP-Analyst				
grayson.nichols@moodys.com				

CLIENT SERVICES

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

Albuquerque (City of) NM

Update following affirmation of the GRT rating; outlook negative

Summary

The City of Albuquerque, NM's Gross Receipt Tax's (GRT; Aa2) rating profile is supported by a large, regionally-important economy; stable revenue stream, which is expected to modestly increase over the mid-term, net of the hold harmless phase out; and, healthy maximum annual debt service coverage, which is a mitigant for the lack of debt service reserve fund. The city does not plan to further leverage the GRT revenue stream in the near-term.

Credit strengths

- » Sizeable economic base serving as economic hub of New Mexico
- » Strong maximum annual debt service coverage

Credit challenges

- » Tepid economic growth
- » Lack of Debt Service Reserve Fund
- » Hold harmless distribution phase out that will mute growth over the mid-term

Rating outlook

The negative outlook is reflective of the city's reliance on economically-sensitive revenues and limited financial position. In event that the city leverages the SSGRT revenue stream, excess revenues, which flow into the General Fund, may decline, which could further pressure the city's already thin reserves.

Factors that could lead to an upgrade

- » Significant increases in state shared GRT collections, absent additional debt leveraging
- » Expansion and diversification of the local economy

Factors that could lead to a downgrade

- » Material contractions in state shared GRT collections
- » Significant leveraging of the pledged revenue sources

Key indicators

Exhibit 1					
City of Albuquerque, NM					
Credit Background					
Pledged Revenues	1.225% SSGRT				
Legal Structure					
Additional Bonds Test	2.25x MADS				
Open or Closed Lien	Open Lien				
Debt Service Reserve Fund Requirement	No DSRF				
MADS Coverage					
2017 MADS Coverage (x)	8.4x				
Trend Analysis					
	2013	2014	2015	2016	2017
Debt Outstanding (\$000)	165,615	165,085	207,220	226,650	235,530
Revenues (\$000)	176,024	180,279	187,091	190,154	192,980
Annual Debt Service Coverage (x)	13.3x	12.0x	12.1x	9.8x	8.8x

Source: City's audits; Moody's Investors Service

Profile

Albuquerque is the largest city in the State of New Mexico (GO rated Aa1 negative), accounting for roughly one-quarter of the State's population. Located at the center of the State in Bernalillo County (Aaa stable) at the intersection of two major interstate highways and served by both rail and air, Albuquerque is the major trade, commercial and financial center of the State.

Detailed credit considerations

Tax base and nature of pledge: broad tax on regionally important economy

The city's economy and tax base will remain stable and sizeable over the mid-term given regional importance and institutional presence. Located in north central New Mexico (Aa1 negative), the City of Albuquerque is home to approximately 25% of the state's population. The tax base is sizeable at over \$38 billion, and five year average annual growth is modest at 1.3%. Recent development includes expansion of the engineering firm, Raytheon, as well as construction of retail and grocery chains. The housing market remains steady, with new listings up 7.7% year-over-year (November). Per the November 2017 Moody's Economy report, the Albuquerque MSA is in "recovery", and we expect that over the next couple of years, the city will have steady employment growth. Over the long-term, Albuquerque may be challenged to attract private sector industries, especially in tech, resulting in job growth that tracks in line with the US.

Major employers in the Albuquerque MSA include the University of New Mexico, Kirtland Air Force Base (AFB), and Sandia National Laboratories. The institutional presence provided by these entities is an anchor for the local economy. Healthcare and high-tech industries also have significant presence in the employment base. The city's October 2017 unemployment rate of 5.3% was below the state (5.9%) but above the nation (3.9%). Resident wealth levels are average with median family income of approximating 90.2% of the US (2015 ACS).

The 1.225% state-shared gross receipts tax (SSGRT) is considered a broad-based sale tax that is collected by the state and remitted to the city on a monthly basis. The SSGRT is levied against all retail trade, professional, scientific and technical services, and accommodation and food service within the boundaries of the city.

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.

Debt service coverage and revenue metrics: MADS coverage will remain healthy despite hold-harmless phase out

Based on historic performance, we expected the pledged revenue stream to likely continue to modestly tick upwards. Since the Recession, SSGRT revenues have generally improved and has exhibited little volatility, a credit strength. Fiscal 2017 state-shared gross receipt taxes (SSGRT) showed slight improvement of 1.5% year-over-year, increasing to \$193 million. Over the next four years, the city is assuming revenues will increase by 2.3% on average, which is roughly in line with historical precedent of 2.1%. As such, fiscal 2018 SSGRT is budgeted at \$200.5 million and fiscal 2019 SSGRT is forecasted at \$200.6 million.

Maximum annual debt service (MADS) of \$22.9 million occurs in fiscal 2021, and based on fiscal 2017 revenues, MADS coverage is a strong 8.44 times. Going forward, using the city's assumptions, fiscal 2018 MADS will be 8.76x and fiscal 2019 MADS will be 8.77x.

Fiscal 2016 was the first year of the hold harmless phase out. SSGRT will decrease by approximately \$2.2 million to \$2.7 million annually over the next five years, accounting to a sizable \$12.5 million cumulative reduction by 2020. The phase out amounts are expected to mute growth for the pledged revenues, but not have a material impact on debt service coverage given the declining debt service schedule. Stable or improved coverage is contingent on SSGRT revenue growth outpacing phase out amounts. If this assumption does not hold true, coverage may be negatively impacted, which would warrant further review.

Debt and legals: manageable debt burden; legals are adequate despite debt service reserve

The city's SSGRT debt profile will likely remain manageable given no current plans for additional debt leverage and healthy annual MADS coverage. Officials do not anticipate further issuances over the near-term. Legal provisions are adequate with a strong additional bonds test (ABT) at 2.25 times maximum annual debt service (MADS), countered by a lack of a debt service reserve.

DEBT STRUCTURE

The city has \$267.2 million in outstanding fixed-rate GRT bonds. Principal payout is average with roughly 45% of principal retired in ten years. All debt matures by 2038.

DEBT-RELATED DERIVATIVES

The city has no exposure to variable rate debt or interest rate swaps.

Management and governance

The City is a home rule municipality, with its charter originally adopted in 1971, and has a Mayor-Council form of government with a salaried full-time Mayor elected every four years.

New Mexico Cities have an Institutional Framework score of A, which is moderate compared to the nation. Institutional Framework scores measure a sector's legal ability to increase revenues and decrease expenditures. The sector's major revenue sources, such as property taxes and sales taxes, are subject to statutory caps, which cannot be overriden. However, the property tax cap of \$7.650 (per \$1,000 AV) and the available sales tax authority (varies by type) still allows for moderate revenue-raising ability. Unpredictable revenue fluctuations tend to be moderate, or between 5-10% annually. Across the sector, fixed and mandated costs are generally less than 25% of expenditures. However, New Mexico has public sector unions, which can limit the ability to cut expenditures. Unpredictable expenditure fluctuations tend to be minor, under 5% annually.

© 2018 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 INVESTORS SERVICE, INC. AND ITS RATINGS AFFILIATES ("MIS") ARE MOODY'S CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, CREDIT COMMITMENTS, OR DEBT OR DEBT-LIKE SECURITIES, AND MOODY'S PUBLICATIONS MAY INCLUDE MOODY'S CURRENT OPINIONS OF THE RELATIVE FUTURE CREDIT RISK OF ENTITIES, CREDIT COMMITMENTS, OR DEBT OR DEBT-LIKE SECURITIES. 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. CREDIT RATINGS DO NOT ADDRESS ANY OTHER RISK, INCLUDING BUT NOT LIMITED TO: LIQUIDITY RISK, MARKET VALUE RISK, OR PRICE VOLATILITY. CREDIT RATINGS AND MOODY'S 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. CREDIT RATINGS AND MOODY'S PUBLICATIONS DO NOT CONSTITUTE OR PROVIDE INVESTMENT OR FINANCIAL ADVICE, AND CREDIT RATINGS AND MOODY'S PUBLICATIONS ARE NOT AND DO NOT PROVIDE RECOMMENDATIONS TO PURCHASE, SELL, OR HOLD PARTICULAR SECURITIES. NEITHER CREDIT RATINGS NOR MOODY'S PUBLICATIONS WITH THE EXPECTATION SUITABILITY OF AN 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 AND MOODY'S 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 OR MOODY'S 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.

CREDIT RATINGS AND MOODY'S 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 the Moody's 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 SUCH RATING OR 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 rating, agreed to pay to Moody's Investors Service, Inc. for appraisal and rating services rendered by it fees ranging from \$1,500 to approximately \$2,500,000. MCO and MIS also maintain policies and procedures to address the independence of MIS's ratings and rating processes. Information regarding certain affiliations that may exist between directors of MCO and rated entities, and between entities who hold ratings from MIS 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. It would be reckless and inappropriate for retail investors to use MOODY'S credit ratings or publications when making an investment decision. If in doubt you should contact your financial or other professional adviser.

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 rating, agreed to pay to MJKK or MSFJ (as applicable) for appraisal and rating services rendered by it fees ranging from JPY200,000 to approximately JPY350,000,000.

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

REPORT NUMBER 1113152

CLIENT SERVICES

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

MOODY'S INVESTORS SERVICE