

Fitch Rates Massachusetts' \$700 Million GO Bonds 'AA+'; Outlook Stable

Fitch Ratings - New York - 30 May 2025: Fitch Ratings has assigned 'AA+' ratings to the following Commonwealth of Massachusetts general obligation (GO) bonds:

- --\$215 million GO bonds consolidated loan of 2025 series B;
- --\$385 million GO bonds consolidated loan of 2025 series C;
- --\$100 million GO bonds consolidated loan of 2025 series D (taxable).

The bonds are expected to be offered by competitive bid June 10, 2025. Proceeds will be used to finance or reimburse the commonwealth for various capital expenditures.

The Rating Outlook is Stable.

The Commonwealth of Massachusetts' 'AA+' Long-Term IDR reflects its considerable economic resources, adroit management of economic and revenue cyclicality and strong budget controls. The commonwealth carries a long-term liability burden for debt and Fitch-adjusted net pension liabilities (NPLs) well above the U.S. state median, albeit a still-moderate burden on resources.

SECURITY

The GO bonds are general obligations of the commonwealth to which its full faith and credit are pledged. A statutory state tax revenue growth limit does not exclude principal and interest on debt obligations from the ramifications of the limit. However, Fitch views any impairment of debt service due to the tax revenue growth limit as highly unlikely.

KEY RATING DRIVERS

Revenue Framework - 'aaa'

Tax revenues are diverse but dominated by individual income taxes, which are sensitive to economic conditions, particularly the components related to capital gains. Baseline growth prospects for tax revenues are strong and expected to match national GDP, driven by the commonwealth's underlying diverse economy, which includes a significant knowledge-based industry component.

Expenditure Framework - 'aaa'

Consistent with most states, the natural pace of spending growth is likely to marginally exceed

expected revenue growth over time, requiring ongoing cost control. The commonwealth has ample ability to reduce spending through the economic cycle.

Long-Term Liability Burden - 'aa'

Long-term liability levels in Massachusetts, while comparatively high for a U.S. state, are a moderate burden on resources. The commonwealth's above average liability position is partly the result of state funding of both capital needs and pensions that are more commonly funded at the local level in other states, primarily for K-12 education.

Operating Performance - 'aaa'

The commonwealth has superior gap-closing capacity supported by conservative budgeting, ongoing fiscal monitoring and a requirement to cut spending in response to emerging revenue gaps. Gap-closing capacity is also supported by a funding mechanism that redirects a portion of economically sensitive capital gains tax receipts into the stabilization fund, which functions as the commonwealth's rainy-day fund.

RATING SENSITIVITIES

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

- --A slowing of economic growth that signals the commonwealth's revenue growth prospects will trail national economic growth, closer to the long-term rate of inflation;
- --Rapid growth in spending demands, particularly for fixed costs such as pension liabilities, which weakens Massachusetts' expenditure flexibility and historically strong operating performance;
- --An increase in long-term liabilities resulting in a liability burden that consistently exceeds 20% of personal income.

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

- --Continued efforts to maintain structural balance during periods of economic growth, particularly considering elevated carrying costs given ongoing pension funding demands and capital plans, and/or preservation of reserves at or near current levels could lead to improvement in Fitch's assessment of budget management;
- --A sustained reduction in the long-term liability burden closer to or below 10% of personal income, accompanied by a reduction in carrying costs.

PROFILE

The commonwealth has a broad and wealthy economy. Education levels are high and, although population growth is below the U.S. average, it is strong for the Northeast region. The strength of the healthcare, technology and education sectors has supported GDP growth comparable with the nation's

over time and leaves the commonwealth well positioned for solid future gains. Measured by per capita personal income, Massachusetts is the second-wealthiest state in the nation.

Date of Relevant Committee

04-Dec-2024

REFERENCES FOR SUBSTANTIALLY MATERIAL SOURCE CITED AS KEY DRIVER OF RATING

The principal sources of information used in the analysis are described in the Applicable Criteria.

ESG Considerations

Fitch does not provide ESG relevance scores for Massachusetts, Commonwealth of (MA) General Government.

In cases where Fitch does not provide ESG relevance scores in connection with the credit rating of a transaction, program, instrument or issuer, Fitch will disclose any ESG factor that is a key rating driver in the key rating drivers section of the relevant rating action commentary. For more information on Fitch's ESG Relevance Scores, visit https://www.fitchratings.com/topics/esg/products

Fitch Ratings Analysts

Karen Krop

Senior Director Primary Rating Analyst +1 212 908 0661

Fitch Ratings, Inc. Hearst Tower 300 W. 57th Street New York, NY 10019

Douglas Offerman

Senior Director Secondary Rating Analyst +1 212 908 0889

Michael D'Arcy

Director
Committee Chairperson
+1 212 908 0662

Media Contacts

Cristina Bermudez

New York +1 212 612 7892 cristina.bermudez@thefitchgroup.com

Rating Actions

ENTITY/DEBT	RATING			RECOVERY	PRIOR
Massachusetts, Commonwealth of (MA) [General Government]					
 Massach Commor of (MA) /General Obligatio - Unlimite Tax/ 1 LT 	nwealth LT on	AA+ •	Affirmed		AA+ O

RATINGS KEY OUTLOOK WATCH

Applicable Criteria

U.S. Public Finance State Governments and Territories Rating Criteria — Effective from April 2, 2024 to February 4, 2025 (pub.02 Apr 2024) (including rating assumption sensitivity)

Applicable Models

Numbers in parentheses accompanying applicable model(s) contain hyperlinks to criteria providing description of model(s).

Additional Disclosures

Solicitation Status

Endorsement Status

Massachusetts, Commonwealth Of (MA) EU Endorsed, UK Endorsed

DISCLAIMER & DISCLOSURES

All Fitch Ratings (Fitch) credit ratings are subject to certain limitations and disclaimers. Please read these limitations and disclaimers by following this link: https://www.fitchratings.com/understandingcreditratings. In addition, 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. ESMA and the FCA are required to publish historical default rates in a central repository in accordance with Articles 11(2) of Regulation (EC) No 1060/2009 of the European Parliament and of the Council of 16 September 2009 and The Credit Rating Agencies (Amendment etc.) (EU Exit) Regulations 2019 respectively.

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 sources with respect to the particular security or in the particular jurisdiction of the issuer, and a variety of other factors. 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 advisers are responsible for the accuracy of the information they provide to Fitch and to the market in offering documents and other reports. In issuing its ratings 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 about future events that by their nature cannot be verified as facts. As a result, despite any verification of current facts, ratings and forecasts can be affected by future events or conditions that were not anticipated at the time a rating or forecast was issued or affirmed. Fitch Ratings makes routine, commonly-accepted adjustments to reported financial data in accordance with the relevant criteria and/or industry standards to provide financial metric consistency for entities in the same sector or asset class.

The complete span of best- and worst-case scenario credit ratings for all rating categories ranges from 'AAA' to 'D'. Fitch also provides information on best-case rating upgrade scenarios and worst-case rating downgrade scenarios (defined as the 99th percentile of rating transitions, measured in each direction) for international credit ratings, based on historical performance. A simple average across asset classes presents best-case upgrades of 4 notches and worst-case downgrades of 8 notches at the 99th percentile. For more details on sector-specific best- and worst-case scenario credit ratings, please see Best- and Worst-Case Measures under the Rating Performance page on Fitch's website.

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 and 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 nor 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\$750,000 (or the applicable currency equivalent) per issue. In certain cases, Fitch will rate all or a number of issues issued by a particular issuer, or insured or guaranteed by a particular insurer or guarantor, for a single annual fee. Such fees are expected to vary from US\$10,000 to US\$1,500,000 (or the applicable currency equivalent). The assignment, publication, or dissemination of a rating by Fitch shall not constitute a consent by Fitch to use its name as an expert in connection with any registration statement filed under the United States securities laws, the Financial Services and Markets Act of 2000 of the United Kingdom, or the securities laws of any particular jurisdiction. Due to the relative efficiency of electronic publishing and distribution, Fitch research may be available to electronic subscribers up to three days earlier than to print subscribers.

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 (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.

dv01, a Fitch Solutions company, and an affiliate of Fitch Ratings, may from time to time serve as loan data agent on certain structured finance transactions rated by Fitch Ratings.

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.

Endorsement policy

Fitch's international credit ratings produced outside the EU or the UK, as the case may be, are endorsed for use by regulated entities within the EU or the UK, respectively, for regulatory purposes, pursuant to the terms of the EU CRA Regulation or the UK Credit Rating Agencies (Amendment etc.) (EU Exit) Regulations 2019, as the case may be. Fitch's approach to endorsement in the EU and the UK can be found on Fitch's Regulatory Affairs page on Fitch's website. The endorsement status of international credit ratings is provided within the entity summary page for each rated entity and in the transaction detail pages for structured finance transactions on the Fitch website. These disclosures are updated on a daily basis.