

NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND  
Form DEFA14A  
February 26, 2013

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

SCHEDULE 14A

Proxy Statement Pursuant to Section 14(a) of the Securities

Exchange Act of 1934 (Amendment No. )

Filed by the Registrant   
Filed by a Party other than the Registrant

Check the appropriate box:

- Preliminary Proxy Statement
- Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))**
- Definitive Proxy Statement
- Definitive Additional Materials
- Soliciting Material Pursuant to §240.14a-12

**Nuveen Massachusetts Premium Income Municipal Fund (NMT, NMT PrC, NMT PrD)**  
(Name of Registrant as Specified In Its Charter)

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

Payment of Filing Fee (Check the appropriate box):

- No fee required.
- Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.

(1) Title of each class of securities to which transaction applies:

(2) Aggregate number of securities to which transaction applies:

(3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):

(4) Proposed maximum aggregate value of transaction:

(5) Total fee paid:

Fee paid previously with preliminary materials.

Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

(1) Amount Previously Paid:

(2) Form, Schedule or Registration Statement No.:

(3) Filing Party:

(4) Date Filed:

## NUVEEN CLOSED END FUNDS

**Annual Meeting - Next Adjournment Ends March 14, 2013**

**PLEASE VOTE NOW BEFORE TIME RUNS OUT**

Dear Shareholder:

According to our records, you have not voted on important proposals regarding your fund. Unless sufficient shareholders vote by March 14, 2013, the adjournment date for your fund's Annual Shareholders Meeting, your fund will not be able to implement these proposals and may incur additional proxy solicitation costs. The Annual Shareholders Meeting will reconvene on March 14, 2013 at 2:30 p.m., Central Time at the offices of Nuveen Investments, 333 West Wacker Drive, Chicago, IL.

**YOUR FUND'S BOARD RECOMMENDS YOU VOTE FOR EACH OF THE PROPOSALS.**

**Please vote now to help your fund avoid further adjournments.**

**PROPOSALS HAVE THE SUPPORT OF AN INDEPENDENT,**

**NATIONALLY-RECOGNIZED PROXY ADVISORY FIRM.**

Sophisticated institutional investors often look to independent proxy advisory firms for guidance on how to vote their shares. Your fund's proposals were reviewed and received the support of ISS Governance Services Inc. (ISS), widely recognized as one of the leading independent proxy advisory firms in the nation. Hundreds of major institutional investment firms, mutual funds, and other fiduciaries throughout the country rely upon ISS recommendations. **ISS recommends that its clients vote FOR each of the proposals contained in the proxy.**

**SHAREHOLDERS ARE URGED TO VOTE NOW ON THESE IMPORTANT MATTERS REGARDING THEIR FUND**

**It is extremely important that you participate in the management of your investment by voting.** Please take a few moments to review the information in the Joint Proxy Statement previously provided to you, and cast your vote now. You may obtain a copy of the Joint Proxy Statement at <http://www.nuveenproxy.com/ProxyInfo/CEF/Default.aspx>.

The proposed New Fundamental Loan Policy would permit each Fund to make loans to the extent permitted by the securities laws. Among other things, this change is intended to provide each Affected Municipal Fund the flexibility to make loans in circumstances where a municipal issuer is in distress, if Nuveen Fund Advisors, LLC. believes that doing so would both facilitate a timely workout of the issuer's situation in a manner which benefits that Fund, and be the best choice for reducing the likelihood or severity of loss on the Fund's investment.

1. **VOTE ONLINE** - Log on to the website listed on your proxy card. Please have your proxy card in hand to access your control number (located in the box) and follow the on screen instructions.
2. **VOTE BY TOUCH-TONE TELEPHONE** - Call the toll free number listed on your proxy card. Please have your proxy card in hand to access your control number (located in the box) and follow the recorded instructions.
3. **VOTE BY MAIL** - Complete, sign and date the enclosed proxy card(s), then return them in the enclosed postage paid envelope.

**If you have any questions regarding the proposals, or need assistance with voting, you may call the proxy soliciting agent at**

**866-209-5784 to speak with one of the representatives who can assist you. Representatives are available Monday through Friday between 9:00 a.m. and 11:00 p.m. ET and on Saturday from 12:00 p.m. to 6:00 p.m., ET.**

Thank you for your prompt attention to this matter.