

NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND  
Form DEFA14A  
November 16, 2011

**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-11(c) or §240.14a-12

Nuveen Massachusetts Premium Income Municipal Fund (NMT)

(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)(4) 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:

- o Fee paid previously with preliminary materials.
- o 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:

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**NUVEEN CLOSED END FUNDS**  
**IMPORTANT NOTICE:**  
**ANNUAL MEETING OF SHAREHOLDERS ADJOURNED UNTIL**  
**DECEMBER 16, 2011**

Dear Shareholder:

We recently sent you proxy materials concerning important proposals affecting your fund(s), which were considered at the Annual Shareholders Meeting held on Tuesday, November 15, 2011. The meeting has been adjourned in order to allow more time for shareholders to cast their votes. The meeting will reconvene on December 16, 2011 at 2:30 p.m., Central time at the offices of Nuveen Investments, 333 West Wacker Drive, Chicago, IL. This letter was sent because you held shares in one or more of the funds on the record date and *we have not received your vote.*

**YOUR FUND S BOARD RECOMMENDS YOU VOTE FOR EACH OF THE PROPOSALS**  
**YOUR VOTE IS VERY IMPORTANT**  
**VOTING NOW HELPS AVOID UNNECESSARY COMMUNICATIONS WITH SHAREHOLDERS**  
**AND ELIMINATES PHONE CALLS**

Please vote using one of the following options:

**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. The proxy materials we sent you contain important information regarding the proposals that you and other shareholders are being asked to consider. Please read the materials carefully. If you have any questions regarding the proposals, or need assistance with voting, you may call Computershare Fund Services, each fund s proxy solicitor, toll free at **1-866-963-5818**.

Thank you for your prompt attention to this matter. If you have already voted, we appreciate your participation.

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