

NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND

Form NSAR-A

January 29, 2014

PAGE 1  
000 A000000 11/30/2013  
000 C000000 0000897419  
000 D000000 N  
000 E000000 NF  
000 F000000 Y  
000 G000000 N  
000 H000000 N  
000 I000000 6.1  
000 J000000 A  
001 A000000 NUVEEN MA PREMIUM INCOME MUNICIPAL FUND  
001 B000000 811-07484  
001 C000000 3129178200  
002 A000000 333 WEST WACKER DRIVE  
002 B000000 CHICAGO  
002 C000000 IL  
002 D010000 60606  
002 D020000 1286  
003 000000 N  
004 000000 N  
005 000000 N  
006 000000 N  
007 A000000 N  
007 B000000 0  
007 C010100 1  
008 A000001 NUVEEN FUND ADVISORS, LLC  
008 B000001 A  
008 C000001 801-14147  
008 D010001 CHICAGO  
008 D020001 IL  
008 D030001 60606  
008 D040001 1286  
008 A000002 NUVEEN ASSET MANAGEMENT, LLC.  
008 B000002 S  
008 C000002 801-71957  
008 D010002 CHICAGO  
008 D020002 IL  
008 D030002 60606  
008 D040002 1286  
012 A000001 COMPUTERSHARE INC.  
012 B000001 84-05925  
012 C010001 PROVIDENCE  
012 C020001 RI  
012 C030001 02940  
013 A000001 ERNST & YOUNG LLP  
013 B010001 CHICAGO  
013 B020001 IL  
013 B030001 60606  
014 A000001 NUVEEN INVESTMENTS, LLC  
014 B000001 8-13464  
015 A000001 STATE STREET BANK AND TRUST COMPANY  
015 B000001 C  
PAGE 2  
015 C010001 BOSTON  
015 C020001 MA  
015 C030001 02110  
015 E010001 X  
018 000000 Y  
019 A000000 Y

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form NSAR-A

019 B000000 209  
 019 C000000 NUVEENFUND  
 021 000000 0  
 022 A000001 MERRILL LYNCH  
 022 B000001 13-5674085  
 022 C000001 4010  
 022 D000001 0  
 022 A000002 BARCLAYS BANK PLC  
 022 B000002 13-4942190  
 022 C000002 512  
 022 D000002 3116  
 022 A000003 HAPOALIM SECURITIES  
 022 B000003 13-3732556  
 022 C000003 1496  
 022 D000003 333  
 022 A000004 WELLS FARGO  
 022 B000004 41-1508325  
 022 C000004 1454  
 022 D000004 0  
 022 A000005 GMS GROUP LLC  
 022 B000005 13-2982938  
 022 C000005 1166  
 022 D000005 0  
 022 A000006 FIRST SOUTHWEST  
 022 B000006 75-0708002  
 022 C000006 1084  
 022 D000006 0  
 022 A000007 WILLIAM BLAIR  
 022 B000007 36-2214610  
 022 C000007 1073  
 022 D000007 0  
 022 A000008 MORGAN STANLEY  
 022 B000008 13-2655998  
 022 C000008 0  
 022 D000008 1010  
 022 A000009 CITIGROUP  
 022 B000009 13-3214963  
 022 C000009 831  
 022 D000009 0  
 022 A000010 HERBERT J. SIMS & CO  
 022 B000010 13-5213180  
 022 C000010 504  
 022 D000010 0  
 023 C000000 12668  
 023 D000000 4706

PAGE 3

024 000000 N  
 026 A000000 N  
 026 B000000 N  
 026 C000000 N  
 026 D000000 Y  
 026 E000000 N  
 026 F000000 N  
 026 G010000 N  
 026 G020000 N  
 026 H000000 N  
 027 000000 N  
 028 A010000 0  
 028 A020000 0  
 028 A030000 0  
 028 A040000 0  
 028 B010000 0

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form NSAR-A

|     |         |       |
|-----|---------|-------|
| 028 | B020000 | 0     |
| 028 | B030000 | 0     |
| 028 | B040000 | 0     |
| 028 | C010000 | 0     |
| 028 | C020000 | 0     |
| 028 | C030000 | 0     |
| 028 | C040000 | 0     |
| 028 | D010000 | 0     |
| 028 | D020000 | 0     |
| 028 | D030000 | 0     |
| 028 | D040000 | 0     |
| 028 | E010000 | 0     |
| 028 | E020000 | 0     |
| 028 | E030000 | 0     |
| 028 | E040000 | 0     |
| 028 | F010000 | 0     |
| 028 | F020000 | 0     |
| 028 | F030000 | 0     |
| 028 | F040000 | 0     |
| 028 | G010000 | 0     |
| 028 | G020000 | 0     |
| 028 | G030000 | 0     |
| 028 | G040000 | 0     |
| 028 | H000000 | 0     |
| 030 | A000000 | 0     |
| 030 | B000000 | 0.00  |
| 030 | C000000 | 0.00  |
| 031 | A000000 | 0     |
| 031 | B000000 | 0     |
| 032 | 000000  | 0     |
| 033 | 000000  | 0     |
| 035 | 000000  | 0     |
| 036 | B000000 | 0     |
| 038 | 000000  | 0     |
| 042 | A000000 | 0     |
|     | PAGE    | 4     |
| 042 | B000000 | 0     |
| 042 | C000000 | 0     |
| 042 | D000000 | 0     |
| 042 | E000000 | 0     |
| 042 | F000000 | 0     |
| 042 | G000000 | 0     |
| 042 | H000000 | 0     |
| 043 | 000000  | 0     |
| 044 | 000000  | 0     |
| 045 | 000000  | Y     |
| 046 | 000000  | N     |
| 047 | 000000  | N     |
| 048 | 000000  | 0.000 |
| 048 | A010000 | 0     |
| 048 | A020000 | 0.000 |
| 048 | B010000 | 0     |
| 048 | B020000 | 0.000 |
| 048 | C010000 | 0     |
| 048 | C020000 | 0.000 |
| 048 | D010000 | 0     |
| 048 | D020000 | 0.000 |
| 048 | E010000 | 0     |
| 048 | E020000 | 0.000 |
| 048 | F010000 | 0     |
| 048 | F020000 | 0.000 |
| 048 | G010000 | 0     |

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form NSAR-A

|     |         |       |   |
|-----|---------|-------|---|
| 048 | G020000 | 0.000 |   |
| 048 | H010000 |       | 0 |
| 048 | H020000 | 0.000 |   |
| 048 | I010000 |       | 0 |
| 048 | I020000 | 0.000 |   |
| 048 | J010000 |       | 0 |
| 048 | J020000 | 0.000 |   |
| 048 | K010000 |       | 0 |
| 048 | K020000 | 0.000 |   |
| 049 | 000000  | N     |   |
| 050 | 000000  | N     |   |
| 051 | 000000  | N     |   |
| 052 | 000000  | Y     |   |
| 053 | A000000 | N     |   |
| 054 | A000000 | Y     |   |
| 054 | B000000 | N     |   |
| 054 | C000000 | N     |   |
| 054 | D000000 | N     |   |
| 054 | E000000 | N     |   |
| 054 | F000000 | N     |   |
| 054 | G000000 | N     |   |
| 054 | H000000 | Y     |   |
| 054 | I000000 | N     |   |
| 054 | J000000 | Y     |   |
| 054 | K000000 | N     |   |
|     | PAGE    | 5     |   |
| 054 | L000000 | N     |   |
| 054 | M000000 | Y     |   |
| 054 | N000000 | N     |   |
| 054 | O000000 | Y     |   |
| 055 | A000000 | N     |   |
| 055 | B000000 | N     |   |
| 056 | 000000  | Y     |   |
| 057 | 000000  | N     |   |
| 058 | A000000 | N     |   |
| 059 | 000000  | Y     |   |
| 060 | A000000 | Y     |   |
| 060 | B000000 | Y     |   |
| 061 | 000000  |       | 0 |
| 062 | A000000 | Y     |   |
| 062 | B000000 | 0.0   |   |
| 062 | C000000 | 0.0   |   |
| 062 | D000000 | 0.0   |   |
| 062 | E000000 | 0.0   |   |
| 062 | F000000 | 0.0   |   |
| 062 | G000000 | 0.0   |   |
| 062 | H000000 | 0.0   |   |
| 062 | I000000 | 0.0   |   |
| 062 | J000000 | 0.0   |   |
| 062 | K000000 | 0.0   |   |
| 062 | L000000 | 0.0   |   |
| 062 | M000000 | 0.0   |   |
| 062 | N000000 | 0.0   |   |
| 062 | O000000 | 153.0 |   |
| 062 | P000000 | 0.0   |   |
| 062 | Q000000 | 0.0   |   |
| 062 | R000000 | 0.0   |   |
| 063 | A000000 | 0     |   |
| 063 | B000000 | 8.6   |   |
| 064 | A000000 | Y     |   |
| 064 | B000000 | Y     |   |
| 065 | 000000  | N     |   |

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form NSAR-A

|     |         |   |        |
|-----|---------|---|--------|
| 066 | A000000 | N |        |
| 067 | 0000000 | N |        |
| 068 | A000000 | N |        |
| 068 | B000000 | N |        |
| 069 | 0000000 | N |        |
| 070 | A010000 | Y |        |
| 070 | A020000 | N |        |
| 070 | B010000 | N |        |
| 070 | B020000 | N |        |
| 070 | C010000 | Y |        |
| 070 | C020000 | N |        |
| 070 | D010000 | N |        |
| 070 | D020000 | N |        |
| 070 | E010000 | Y |        |
| 070 | E020000 | N |        |
|     | PAGE    | 6 |        |
| 070 | F010000 | N |        |
| 070 | F020000 | N |        |
| 070 | G010000 | Y |        |
| 070 | G020000 | N |        |
| 070 | H010000 | N |        |
| 070 | H020000 | N |        |
| 070 | I010000 | N |        |
| 070 | I020000 | N |        |
| 070 | J010000 | Y |        |
| 070 | J020000 | N |        |
| 070 | K010000 | N |        |
| 070 | K020000 | N |        |
| 070 | L010000 | N |        |
| 070 | L020000 | N |        |
| 070 | M010000 | N |        |
| 070 | M020000 | N |        |
| 070 | N010000 | N |        |
| 070 | N020000 | N |        |
| 070 | O010000 | Y |        |
| 070 | O020000 | N |        |
| 070 | P010000 | N |        |
| 070 | P020000 | N |        |
| 070 | Q010000 | N |        |
| 070 | Q020000 | N |        |
| 070 | R010000 | N |        |
| 070 | R020000 | N |        |
| 071 | A000000 |   | 13516  |
| 071 | B000000 |   | 15059  |
| 071 | C000000 |   | 101709 |
| 071 | D000000 |   | 13     |
| 072 | A000000 | 6 |        |
| 072 | B000000 |   | 2465   |
| 072 | C000000 |   | 0      |
| 072 | D000000 |   | 0      |
| 072 | E000000 |   | 0      |
| 072 | F000000 |   | 319    |
| 072 | G000000 |   | 0      |
| 072 | H000000 |   | 0      |
| 072 | I000000 |   | 12     |
| 072 | J000000 |   | 12     |
| 072 | K000000 |   | 8      |
| 072 | L000000 |   | 16     |
| 072 | M000000 |   | 2      |
| 072 | N000000 |   | 0      |
| 072 | O000000 |   | 0      |
| 072 | P000000 |   | 583    |

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form NSAR-A

072 Q000000 0  
 072 R000000 11  
 072 S000000 3  
 072 T000000 0  
 072 U000000 0

PAGE 7

072 V000000 0  
 072 W000000 102  
 072 X000000 1068  
 072 Y000000 0  
 072 Z000000 1397  
 072AA000000 0  
 072BB000000 1869  
 072CC010000 0  
 072CC020000 4697  
 072DD010000 1591  
 072DD020000 0  
 072EE000000 0  
 073 A010000 0.3330  
 073 A020000 0.0000  
 073 B000000 0.0000  
 073 C000000 0.0000  
 074 A000000 2095  
 074 B000000 0  
 074 C000000 0  
 074 D000000 100231  
 074 E000000 0  
 074 F000000 0  
 074 G000000 0  
 074 H000000 0  
 074 I000000 0  
 074 J000000 20  
 074 K000000 0  
 074 L000000 1520  
 074 M000000 212  
 074 N000000 104078  
 074 O000000 0  
 074 P000000 52  
 074 Q000000 0  
 074 R010000 0  
 074 R020000 0  
 074 R030000 0  
 074 R040000 0  
 074 S000000 38536  
 074 T000000 65490  
 074 U010000 4777  
 074 U020000 0  
 074 V010000 13.71  
 074 V020000 0.00  
 074 W000000 0.0000  
 074 X000000 140  
 074 Y000000 99326  
 075 A000000 0  
 075 B000000 66364  
 076 000000 12.13  
 077 A000000 N  
 078 000000 N

PAGE 8

080 C000000 0  
 081 B000000 0  
 082 B000000 0  
 083 B000000 0

Edgar Filing: NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND - Form NSAR-A

|           |                   |              |
|-----------|-------------------|--------------|
| 084       | B000000           | 0            |
| 086       | A010000           | 0            |
| 086       | A020000           | 0            |
| 086       | B010000           | 0            |
| 086       | B020000           | 0            |
| 086       | C010000           | 0            |
| 086       | C020000           | 0            |
| 086       | D010000           | 0            |
| 086       | D020000           | 0            |
| 086       | E010000           | 0            |
| 086       | E020000           | 0            |
| 086       | F010000           | 0            |
| 086       | F020000           | 0            |
| 087       | A010000           | COMMON STOCK |
| 087       | A020000           | 67061E104    |
| 087       | A030000           | NMT          |
| 088       | A000000           | N            |
| 088       | B000000           | N            |
| 088       | C000000           | N            |
| 088       | D000000           | Y            |
| SIGNATURE | STEPHEN D. FOY    |              |
| TITLE     | V.P. & CONTROLLER |              |