

NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND

Form NSAR-B

July 30, 2015

PAGE 1
000 B000000 05/31/2015
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 KPMG LLP
013 B010001 CHICAGO
013 B020001 IL
013 B030001 60601
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-B

019 B000000 195
 019 C000000 NUVEENFUND
 021 000000 0
 022 A000001 JP MORGAN CHASE
 022 B000001 13-3224016
 022 C000001 8196
 022 D000001 960
 022 A000002 CITIGROUP
 022 B000002 13-3214963
 022 C000002 7490
 022 D000002 1319
 022 A000003 RAYMOND JAMES
 022 B000003 59-1237041
 022 C000003 6885
 022 D000003 0
 022 A000004 GOLDMAN SACHS
 022 B000004 13-5108880
 022 C000004 0
 022 D000004 3980
 022 A000005 MORGAN STANLEY
 022 B000005 13-2655998
 022 C000005 2952
 022 D000005 0
 022 A000006 MERRILL LYNCH
 022 B000006 13-5674085
 022 C000006 1868
 022 D000006 667
 022 A000007 PIPER JAFFRAY
 022 B000007 41-0953246
 022 C000007 2389
 022 D000007 0
 022 A000008 BMO CAPITAL MARKETS
 022 B000008 13-3459853
 022 C000008 0
 022 D000008 1337
 022 A000009 JANNEY MONTGOMERY
 022 B000009 23-2211143
 022 C000009 0
 022 D000009 1264
 022 A000010 GMS GROUP LLC
 022 B000010 13-2982938
 022 C000010 0
 022 D000010 1194
 023 C000000 33144
 023 D000000 10824

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-B

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-B

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	151.8	
062	P000000	0.0	
062	Q000000	0.0	
062	R000000	0.0	
063	A000000	0	
063	B000000	6.8	
064	A000000	Y	
064	B000000	Y	
065	000000	N	

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

066 A000000 N
 067 000000 N
 068 A000000 N
 068 B000000 N
 069 000000 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 31798
 071 B000000 28390
 071 C000000 201387
 071 D000000 14
 072 A000000 12
 072 B000000 8933
 072 C000000 0
 072 D000000 0
 072 E000000 0
 072 F000000 1280
 072 G000000 0
 072 H000000 0
 072 I000000 43
 072 J000000 42
 072 K000000 8
 072 L000000 15
 072 M000000 7
 072 N000000 0
 072 O000000 0
 072 P000000 1176

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

072 Q000000 0
 072 R000000 22
 072 S000000 9
 072 T000000 0
 072 U000000 0

PAGE 7

072 V000000 0
 072 W000000 84
 072 X000000 2686
 072 Y000000 0
 072 Z000000 6247
 072AA000000 209
 072BB000000 0
 072CC010000 466
 072CC020000 0
 072DD010000 6312
 072DD020000 0
 072EE000000 0
 073 A010000 0.6825
 073 A020000 0.0000
 073 B000000 0.0000
 073 C000000 0.0000
 074 A000000 651
 074 B000000 0
 074 C000000 0
 074 D000000 208194
 074 E000000 0
 074 F000000 0
 074 G000000 0
 074 H000000 0
 074 I000000 0
 074 J000000 0
 074 K000000 0
 074 L000000 3086
 074 M000000 99
 074 N000000 212030
 074 O000000 0
 074 P000000 109
 074 Q000000 0
 074 R010000 0
 074 R020000 0
 074 R030000 0
 074 R040000 74791
 074 S000000 0
 074 T000000 137130
 074 U010000 9347
 074 U020000 0
 074 V010000 14.67
 074 V020000 0.00
 074 W000000 0.0000
 074 X000000 150
 074 Y000000 206909
 075 A000000 0
 075 B000000 136819
 076 000000 13.14

077 A000000 Y
 077 B000000 Y

PAGE 8

077 C000000 N
 077 I000000 N
 077 K000000 N
 077 M000000 N

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

077 Q010000 N
078 000000 N
080 A000000 CHUBB GROUP OF INSURANCE COMPANIES
080 B000000 BERKLEY, GREAT AMERICAN, ST.PAUL,CNA & ZURICH
080 C000000 114000
081 A000000 Y
081 B000000 194
082 A000000 N
082 B000000 0
083 A000000 N
083 B000000 0
084 A000000 N
084 B000000 0
085 A000000 Y
085 B000000 N
086 A010000 4570
086 A020000 66532
086 B010000 0
086 B020000 0
086 C010000 3681
086 C020000 110800
086 D010000 7347
086 D020000 73445
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