

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	