

NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND

Form NSAR-B

July 30, 2012

PAGE 1
000 B000000 05/31/2012
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
007 C010200 2
007 C010300 3
007 C010400 4
007 C010500 5
007 C010600 6
007 C010700 7
007 C010800 8
007 C010900 9
007 C011000 10
008 A000001 NUVEEN FUND ADVISORS, INC.
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 EQUISERVE INC.
012 B000001 84-05925
012 C010001 PROVIDENCE
012 C020001 RI
PAGE 2
012 C030001 02940
013 A000001 ERNST & YOUNG LLP
013 B010001 CHICAGO
013 B020001 IL
013 B030001 60606
014 A000001 NUVEEN INVESTMENTS, LLC

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

014 B000001 8-13464
 015 A000001 STATE STREET BANK AND TRUST COMPANY
 015 B000001 C
 015 C010001 BOSTON
 015 C020001 MA
 015 C030001 02110
 015 E010001 X
 018 000000 Y
 019 A000000 Y
 019 B000000 222
 019 C000000 NUVEENFUND
 020 C000001 0
 020 C000002 0
 020 C000003 0
 020 C000004 0
 020 C000005 0
 020 C000006 0
 020 C000007 0
 020 C000008 0
 020 C000009 0
 020 C000010 0
 021 000000 0
 022 A000001 MERRILL LYNCH
 022 B000001 13-5674085
 022 C000001 6250
 022 D000001 4015
 022 A000002 BARCLAYS BANK PLC
 022 B000002 13-4942190
 022 C000002 2805
 022 D000002 0
 022 A000003 JANNEY MONTGOMERY
 022 B000003 23-2211143
 022 C000003 1317
 022 D000003 1442
 022 A000004 MORGAN STANLEY
 022 B000004 13-2655998
 022 C000004 2004
 022 D000004 0
 022 A000005 CITIGROUP
 022 B000005 13-3214963
 022 C000005 467
 022 D000005 1087
 022 A000006 JP MORGAN CHASE
 022 B000006 13-3224016
 022 C000006 460
 PAGE 3
 022 D000006 1031
 022 A000007 HUTCHINSON, SHOCKEY
 022 B000007 36-2355753
 022 C000007 0
 022 D000007 788
 022 A000008 R SEELAUS & CO
 022 B000008 22-2501042
 022 C000008 508
 022 D000008 0
 022 A000009 THE MUNI CENTER INC
 022 C000009 0
 022 D000009 386
 022 A000010 UBS
 022 B000010 13-2638166
 022 C000010 382
 022 D000010 0

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

023	C000000	14193
023	D000000	9353
024	000000 N	
025	D000001	0
025	D000002	0
025	D000003	0
025	D000004	0
025	D000005	0
025	D000006	0
025	D000007	0
025	D000008	0
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
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
	PAGE 4	
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

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

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
	PAGE	5
048	G010000	0
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
054	L000000	N
054	M000000	Y
054	N000000	N
054	O000000	Y
055	A000000	Y
055	B000000	N
056	000000	Y
057	000000	N
058	A000000	N
059	000000	Y

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

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

PAGE 6

062 M000000 0.0
062 N000000 0.0
062 O000000 147.9
062 P000000 0.0
062 Q000000 0.0
062 R000000 0.0
063 A000000 0
063 B000000 6.4
064 A000000 Y
064 B000000 Y
065 000000 N
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
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

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

070	P010000	N	
070	P020000	N	
070	Q010000	N	
070	Q020000	N	
070	R010000	N	
	PAGE	7	
070	R020000	N	
071	A000000		13142
071	B000000		15350
071	C000000		107356
071	D000000		12
072	A000000	12	
072	B000000		5323
072	C000000		0
072	D000000		0
072	E000000		0
072	F000000		673
072	G000000		0
072	H000000		0
072	I000000		25
072	J000000		24
072	K000000		19
072	L000000		38
072	M000000		3
072	N000000		0
072	O000000		0
072	P000000		1234
072	Q000000		0
072	R000000		21
072	S000000		4
072	T000000		0
072	U000000		0
072	V000000		0
072	W000000		106
072	X000000		2147
072	Y000000		0
072	Z000000		3176
072AA	000000		499
072BB	000000		0
072CC	010000		6404
072CC	020000		0
072DD	010000		3681
072DD	020000		244
072EE	000000		0
073	A010000		0.7710
073	A020000		0.0511
073	B000000		0.0000
073	C000000		0.0000
074	A000000		0
074	B000000		0
074	C000000		0
074	D000000		109067
074	E000000		0
074	F000000		0
074	G000000		0
074	H000000		0
074	I000000		0
	PAGE	8	
074	J000000		1749
074	K000000		0
074	L000000		2448
074	M000000		25

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

074	N000000	113289
074	O000000	0
074	P000000	58
074	Q000000	0
074	R010000	0
074	R020000	0
074	R030000	0
074	R040000	39473
074	S000000	0
074	T000000	73758
074	U010000	4775
074	U020000	0
074	V010000	15.45
074	V020000	0.00
074	W000000	0.0000
074	X000000	157
074	Y000000	106796
075	A000000	0
075	B000000	70938
076	000000	15.12
077	A000000	Y
077	B000000	Y
077	C000000	Y
077	D000000	Y
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	221
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	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
	PAGE	9
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	