

NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND

Form NSAR-A

January 28, 2009

PAGE 1  
000 A000000 11/30/2008  
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 ASSET MANAGEMENT  
008 B000001 A  
008 C000001 801-14147  
008 D010001 CHICAGO  
008 D020001 IL  
008 D030001 60606  
008 D040001 1286  
012 A000001 EQUISERVE 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  
PAGE 2  
015 A000001 STATE STREET BANK AND TRUST COMPANY  
015 B000001 C  
015 C010001 BOSTON  
015 C020001 MA  
015 C030001 02110  
015 E010001 X

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

018 000000 Y  
 019 A000000 Y  
 019 B000000 192  
 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 BANK OF AMERICA  
 022 B000001 56-2058405  
 022 C000001 2489  
 022 D000001 4937  
 022 A000002 FIRST SOUTHWEST  
 022 B000002 75-0708002  
 022 C000002 0  
 022 D000002 1737  
 022 A000003 JP MORGAN CHASE  
 022 B000003 13-3224016  
 022 C000003 986  
 022 D000003 0  
 022 C000004 0  
 022 D000004 0  
 022 C000005 0  
 022 D000005 0  
 022 C000006 0  
 022 D000006 0  
 022 C000007 0  
 022 D000007 0  
 022 C000008 0  
 022 D000008 0  
 022 C000009 0  
 022 D000009 0  
 022 C000010 0  
 022 D000010 0  
 023 C000000 3475  
 023 D000000 6674  
 024 000000 N  
 025 D000001 0  
 PAGE 3  
 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

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

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
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
	PAGE	4	
032	000000		0
033	000000		0
035	000000		0
036	B000000		0
038	000000		0
042	A000000		0
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

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

048	D020000	0.000	
048	E010000		0
048	E020000	0.000	
048	F010000		0
048	F020000	0.000	
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	
	PAGE	5	
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	
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	160.7	
062	P000000		0.0
062	Q000000		0.0

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

062	R000000	0.0
063	A000000	0
063	B000000	13.9
064	A000000	Y
064	B000000	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
	PAGE	6
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
070	P010000	N
070	P020000	N
070	Q010000	N
070	Q020000	N
070	R010000	N
070	R020000	N
071	A000000	986
071	B000000	4230
071	C000000	98168
071	D000000	1
072	A000000	6
072	B000000	2593
072	C000000	0
072	D000000	0
072	E000000	0
072	F000000	313
072	G000000	0
072	H000000	0
072	I000000	8
072	J000000	5
072	K000000	4

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

072 L000000 8  
 072 M000000 1  
 072 N000000 0  
 072 O000000 0  
 072 P000000 45

PAGE 7

072 Q000000 0  
 072 R000000 5  
 072 S000000 2  
 072 T000000 0  
 072 U000000 0  
 072 V000000 0  
 072 W000000 62  
 072 X000000 453  
 072 Y000000 0  
 072 Z000000 2140  
 072AA000000 216  
 072BB000000 0  
 072CC010000 0  
 072CC020000 11316  
 072DD010000 1500  
 072DD020000 0  
 072EE000000 0  
 073 A010000 0.3150  
 073 A020000 0.0000  
 073 B000000 0.0000  
 073 C000000 0.0000  
 074 A000000 707  
 074 B000000 0  
 074 C000000 0  
 074 D000000 91042  
 074 E000000 0  
 074 F000000 0  
 074 G000000 0  
 074 H000000 0  
 074 I000000 0  
 074 J000000 15  
 074 K000000 0  
 074 L000000 1635  
 074 M000000 7  
 074 N000000 93406  
 074 O000000 0  
 074 P000000 49  
 074 Q000000 0  
 074 R010000 0  
 074 R020000 0  
 074 R030000 0  
 074 R040000 2717  
 074 S000000 34000  
 074 T000000 56640  
 074 U010000 4763  
 074 U020000 0  
 074 V010000 11.89  
 074 V020000 0.00  
 074 W000000 0.0000  
 074 X000000 223  
 074 Y000000 42739

PAGE 8

075 A000000 0  
 075 B000000 63260  
 076 000000 10.00  
 077 A000000 N

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

078	000000	N	
080	C000000		0
081	B000000		0
082	B000000		0
083	B000000		0
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		