

NUVEEN MISSOURI PREMIUM INCOME MUNICIPAL FUND

Form NSAR-A

January 29, 2010

PAGE 1
000 A000000 11/30/2009
000 C000000 0000899782
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 MISSOURI PREMIUM INCOME MUNICIPAL FUND
001 B000000 811-07616
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 MISSOURI PREMIUM INCOME MUNICIPAL FUND - Form NSAR-A

018	000000	Y	
019	A000000	Y	
019	B000000	199	
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	C000001		0
022	D000001		0
022	C000002		0
022	D000002		0
022	C000003		0
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		0
023	D000000		0
024	000000	N	
025	D000001		0
025	D000002		0
025	D000003		0
025	D000004		0
025	D000005		0
025	D000006		0
025	D000007		0
	PAGE	3	
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

Edgar Filing: NUVEEN MISSOURI 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 MISSOURI 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 10.5
 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 138.4
 062 P000000 0.0
 062 Q000000 0.0
 062 R000000 0.0
 063 A000000 0
 063 B000000 10.1
 064 A000000 Y
 064 B000000 N
 066 A000000 N

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

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

PAGE 6

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	0
071 B000000	1235
071 C000000	42006
071 D000000	0
072 A000000	6
072 B000000	1148
072 C000000	0
072 D000000	0
072 E000000	0
072 F000000	147
072 G000000	0
072 H000000	0
072 I000000	7
072 J000000	7
072 K000000	3
072 L000000	6
072 M000000	1
072 N000000	0
072 O000000	0
072 P000000	6
072 Q000000	0

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

072 R000000 5
 072 S000000 0
 072 T000000 0
 072 U000000 0
 072 V000000 0

PAGE 7

072 W000000 22
 072 X000000 204
 072 Y000000 0
 072 Z000000 944
 072AA000000 0
 072BB000000 0
 072CC010000 1555
 072CC020000 0
 072DD010000 766
 072DD020000 0
 072EE000000 0
 073 A010000 0.3315
 073 A020000 0.0000
 073 B000000 0.0000
 073 C000000 0.0000
 074 A000000 2771
 074 B000000 0
 074 C000000 3200
 074 D000000 42144
 074 E000000 0
 074 F000000 0
 074 G000000 0
 074 H000000 0
 074 I000000 0
 074 J000000 0
 074 K000000 0
 074 L000000 722
 074 M000000 13
 074 N000000 48850
 074 O000000 0
 074 P000000 24
 074 Q000000 0
 074 R010000 0
 074 R020000 0
 074 R030000 0
 074 R040000 2367
 074 S000000 16000
 074 T000000 30459
 074 U010000 2312
 074 U020000 0
 074 V010000 13.17
 074 V020000 0.00
 074 W000000 0.0000
 074 X000000 128
 074 Y000000 2225
 075 A000000 0
 075 B000000 29655
 076 000000 13.90
 077 A000000 N
 078 000000 N
 080 C000000 0

PAGE 8

081 B000000 0
 082 B000000 0
 083 B000000 0
 084 B000000 0

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

086 A010000	2
086 A020000	29
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	67060Q108
087 A030000	NOM
088 A000000	N
088 B000000	N
088 C000000	N
088 D000000	Y
SIGNATURE	STEPHEN D. FOY
TITLE	V.P. & CONTROLLER