

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 |