

NUVEEN MISSOURI PREMIUM INCOME MUNICIPAL FUND

Form NSAR-A

January 29, 2007

PAGE 1  
000 A000000 11/30/2006  
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 171  
 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 A.G. EDWARDS INC  
 022 B000001 43-0895447  
 022 C000001 1120  
 022 D000001 2130  
 022 A000002 RBC DOMINION  
 022 B000002 13-5033225  
 022 C000002 1091  
 022 D000002 0  
 022 A000003 GEORGE K. BAUM & CO.  
 022 B000003 44-0522232  
 022 C000003 0  
 022 D000003 623  
 022 A000004 STERN BROTHERS & CO  
 022 B000004 43-1357568  
 022 C000004 475  
 022 D000004 0  
 022 A000005 PIPER JAFFRAY  
 022 B000005 41-0953246  
 022 C000005 79  
 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  
 PAGE 3  
 023 C000000 2765  
 023 D000000 2753  
 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

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

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
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
	PAGE	4	
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
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

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

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  
 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  
 PAGE 5  
 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  
 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 2.3  
 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

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

062	N000000	0.0
062	O000000	143.0
062	P000000	0.0
062	Q000000	0.0
062	R000000	0.0
063	A000000	0
063	B000000	6.9
064	A000000	Y
064	B000000	N
066	A000000	N
067	000000	N
068	A000000	N
068	B000000	N
069	000000	N
070	A010000	Y
	PAGE	6
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	Y
070	P010000	N
070	P020000	N
070	Q010000	N
070	Q020000	N
070	R010000	N
070	R020000	N
071	A000000	2765
071	B000000	3373
071	C000000	48551
071	D000000	6
072	A000000	6
072	B000000	1246
072	C000000	0
072	D000000	0
072	E000000	0
072	F000000	157
072	G000000	0

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

072 H000000 0  
 072 I000000 7  
 072 J000000 7  
 072 K000000 2  
 072 L000000 4

PAGE 7

072 M000000 1  
 072 N000000 0  
 072 O000000 0  
 072 P000000 0  
 072 Q000000 0  
 072 R000000 5  
 072 S000000 1  
 072 T000000 0  
 072 U000000 0  
 072 V000000 0  
 072 W000000 30  
 072 X000000 214  
 072 Y000000 0  
 072 Z000000 1032  
 072AA000000 158  
 072BB000000 0  
 072CC010000 724  
 072CC020000 0  
 072DD010000 846  
 072DD020000 0  
 072EE000000 0  
 073 A010000 0.3690  
 073 A020000 0.0000  
 073 B000000 0.0000  
 073 C000000 0.0000  
 074 A000000 0  
 074 B000000 0  
 074 C000000 800  
 074 D000000 48456  
 074 E000000 0  
 074 F000000 0  
 074 G000000 0  
 074 H000000 0  
 074 I000000 0  
 074 J000000 0  
 074 K000000 0  
 074 L000000 775  
 074 M000000 9  
 074 N000000 50040  
 074 O000000 0  
 074 P000000 26  
 074 Q000000 0  
 074 R010000 0  
 074 R020000 0  
 074 R030000 0  
 074 R040000 110  
 074 S000000 16000  
 074 T000000 33904  
 074 U010000 2296  
 074 U020000 0  
 074 V010000 14.76

PAGE 8

074 V020000 0.00  
 074 W000000 0.0000  
 074 X000000 158  
 074 Y000000 3134

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

075	A000000	0
075	B000000	33232
076	000000	16.89
077	A000000	N
078	000000	N
080	C000000	0
081	B000000	0
082	B000000	0
083	B000000	0
084	B000000	0
086	A010000	10
086	A020000	155
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	