

NUVEEN MISSOURI PREMIUM INCOME MUNICIPAL FUND

Form NSAR-A

January 29, 2008

PAGE 1  
000 A000000 11/30/2007  
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		184
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	PIPER JAFFRAY	
022	B000001	41-0953246	
022	C000001		484
022	D000001		430
022	A000002	GEORGE K. BAUM & CO.	
022	B000002	44-0522232	
022	C000002		516
022	D000002		304
022	A000003	ZIEGLER SECURITIES	
022	B000003	39-0727640	
022	C000003		510
022	D000003		0
022	A000004	MORGAN STANLEY	
022	B000004	13-2655998	
022	C000004		0
022	D000004		302
022	A000005	BOSC INC	
022	B000005	73-1275307	
022	C000005		251
022	D000005		0
022	A000006	A.G. EDWARDS INC	
022	B000006	43-0895447	
022	C000006		0
022	D000006		242
022	C000007		0
022	D000007		0
022	C000008		0
022	D000008		0
022	C000009		0
022	D000009		0
	PAGE	3	
022	C000010		0
022	D000010		0
023	C000000		1761
023	D000000		1279
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	

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

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
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
	PAGE	4	
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	
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

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

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  
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  
PAGE 5  
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  
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

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

062	L000000	0.0
062	M000000	0.0
062	N000000	0.0
062	O000000	155.0
062	P000000	0.0
062	Q000000	0.0
062	R000000	0.0
063	A000000	0
063	B000000	9.0
064	A000000	Y
064	B000000	N
066	A000000	N
067	000000	N
068	A000000	N
068	B000000	N
	PAGE	6
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	Y
070	P010000	N
070	P020000	N
070	Q010000	N
070	Q020000	N
070	R010000	N
070	R020000	N
071	A000000	2008
071	B000000	1504
071	C000000	49842
071	D000000	3
072	A000000	6
072	B000000	1268
072	C000000	0
072	D000000	0
072	E000000	0

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

072 F000000 153  
 072 G000000 0  
 072 H000000 0  
 072 I000000 7  
 072 J000000 6

PAGE 7

072 K000000 2  
 072 L000000 5  
 072 M000000 1  
 072 N000000 0  
 072 O000000 0  
 072 P000000 38  
 072 Q000000 0  
 072 R000000 3  
 072 S000000 1  
 072 T000000 0  
 072 U000000 0  
 072 V000000 0  
 072 W000000 28  
 072 X000000 244  
 072 Y000000 0  
 072 Z000000 1024  
 072AA000000 44  
 072BB000000 0  
 072CC010000 0  
 072CC020000 530  
 072DD010000 753  
 072DD020000 0  
 072EE000000 0  
 073 A010000 0.3270  
 073 A020000 0.0000  
 073 B000000 0.0000  
 073 C000000 0.0000  
 074 A000000 0  
 074 B000000 0  
 074 C000000 0  
 074 D000000 50232  
 074 E000000 0  
 074 F000000 0  
 074 G000000 0  
 074 H000000 0  
 074 I000000 0  
 074 J000000 0  
 074 K000000 0  
 074 L000000 776  
 074 M000000 7  
 074 N000000 51015  
 074 O000000 0  
 074 P000000 25  
 074 Q000000 0  
 074 R010000 0  
 074 R020000 0  
 074 R030000 0  
 074 R040000 2593  
 074 S000000 16000  
 074 T000000 32397  
 074 U010000 2303

PAGE 8

074 U020000 0  
 074 V010000 14.07  
 074 V020000 0.00  
 074 W000000 0.0000

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

074	X000000	147
074	Y000000	7083
075	A000000	0
075	B000000	32213
076	000000	14.20
077	A000000	Y
077	C000000	Y
077	Q010000	Y
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	2
086	B020000	36
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	