

NUVEEN MISSOURI PREMIUM INCOME MUNICIPAL FUND

Form NSAR-B

July 27, 2006

PAGE 1
000 B000000 05/31/2006
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-B

018 000000 Y
 019 A000000 Y
 019 B000000 166
 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 GOLDMAN SACHS
 022 B000001 13-5108880
 022 C000001 829
 022 D000001 829
 022 A000002 CITIGROUP
 022 B000002 13-3214963
 022 C000002 363
 022 D000002 1031
 022 A000003 GEORGE K. BAUM & CO.
 022 B000003 44-0522232
 022 C000003 1061
 022 D000003 0
 022 A000004 A.G. EDWARDS INC
 022 B000004 43-0895447
 022 C000004 530
 022 D000004 522
 022 A000005 COMMERCE BANK KC
 022 B000005 44-0206815
 022 C000005 0
 022 D000005 699
 022 A000006 PIPER JAFFRAY
 022 B000006 41-0953246
 022 C000006 425
 022 D000006 0
 022 A000007 SBK BROOKS INVESTMENT
 022 B000007 34-1758788
 022 C000007 0
 022 D000007 419
 022 A000008 STERN BROTHERS & CO
 022 B000008 43-1357568
 PAGE 3
 022 C000008 0
 022 D000008 314
 022 A000009 W.H. MELL
 022 B000009 22-3023019
 022 C000009 0
 022 D000009 218
 022 C000010 0
 022 D000010 0
 023 C000000 3208
 023 D000000 4032
 024 000000 N
 025 D000001 0
 025 D000002 0
 025 D000003 0
 025 D000004 0
 025 D000005 0

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

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
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
	PAGE 4	
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
042	B000000	0
042	C000000	0
042	D000000	0
042	E000000	0
042	F000000	0
042	G000000	0
042	H000000	0
043	000000	0

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

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
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
	PAGE	5
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
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

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

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	146.5
062	P000000	0.0
062	Q000000	0.0
062	R000000	0.0
063	A000000	0
063	B000000	6.8

PAGE 6

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
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	4621
071	B000000	4707
071	C000000	48763

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

071	D000000	9
072	A000000	12
072	B000000	2511
072	C000000	0
072	D000000	0
	PAGE	7
072	E000000	0
072	F000000	317
072	G000000	0
072	H000000	0
072	I000000	15
072	J000000	11
072	K000000	4
072	L000000	7
072	M000000	1
072	N000000	0
072	O000000	0
072	P000000	0
072	Q000000	0
072	R000000	10
072	S000000	1
072	T000000	0
072	U000000	0
072	V000000	0
072	W000000	60
072	X000000	426
072	Y000000	0
072	Z000000	2085
072AA	000000	66
072BB	000000	0
072CC	010000	0
072CC	020000	1268
072DD	010000	1919
072DD	020000	0
072EE	000000	221
073	A010000	0.8433
073	A020000	0.0000
073	B000000	0.0969
073	C000000	0.0000
074	A000000	0
074	B000000	0
074	C000000	0
074	D000000	48234
074	E000000	0
074	F000000	0
074	G000000	0
074	H000000	0
074	I000000	0
074	J000000	0
074	K000000	0
074	L000000	800
074	M000000	3
074	N000000	49037
074	O000000	0
074	P000000	27
074	Q000000	0
074	R010000	0
	PAGE	8
074	R020000	0
074	R030000	0
074	R040000	76
074	S000000	16000

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

074	T000000	32934
074	U010000	2286
074	U020000	0
074	V010000	14.40
074	V020000	0.00
074	W000000	0.0000
074	X000000	165
074	Y000000	3160
075	A000000	0
075	B000000	33532
076	000000	16.35
077	A000000	Y
077	B000000	Y
078	000000	N
080	A000000	CHUBB GROUP OF INSURANCE COMPANIES
080	B000000	AIG, QUANTA INDEMNITY, GREAT AMERICAN & CNA
080	C000000	100000
081	A000000	Y
081	B000000	165
082	A000000	N
082	B000000	0
083	A000000	N
083	B000000	0
084	A000000	N
084	B000000	0
085	A000000	Y
085	B000000	N
086	A010000	22
086	A020000	387
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

PAGE 9

SIGNATURE STEPHEN D. FOY
TITLE V.P. & CONTROLLER