

NUVEEN MISSOURI PREMIUM INCOME MUNICIPAL FUND

Form NSAR-B

July 30, 2013

PAGE 1
000 B000000 05/31/2013
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
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001 C000000 3129178200
002 A000000 333 WEST WACKER DRIVE
002 B000000 CHICAGO
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002 D010000 60606
002 D020000 1286
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008 A000001 NUVEEN FUND ADVISORS, LLC
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008 C000001 801-14147
008 D010001 CHICAGO
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008 D030001 60606
008 D040001 1286
008 A000002 NUVEEN ASSET MANAGEMENT, LLC
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008 D010002 CHICAGO
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012 A000001 COMPUTERSHARE 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
015 A000001 STATE STREET BANK AND TRUST COMPANY
015 B000001 C
PAGE 2
015 C010001 BOSTON
015 C020001 MA
015 C030001 02110
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019 B000000 210
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022 A000002 BARCLAYS BANK PLC
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022 A000003 GEORGE K. BAUM & CO.
022 B000003 44-0522232
022 C000003 786
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022 A000004 MERRILL LYNCH
022 B000004 13-5674085
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022 A000005 CAIN BROTHERS
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022 A000007 UNITED MISSOURI BANK
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022 A000008 THE MUNI CENTER INC
022 B000008 06-1585654
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023 C000000 6622
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 PAGE 5
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 069 000000 N
 070 A010000 Y
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070	C010000	Y	
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072 Z000000	1531
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074 R040000	20384
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074 V020000	0.00
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075 B000000	34396
076 000000	16.04
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078 000000	N
080 A000000	CHUBB GROUP OF INSURANCE COMPANIES
080 B000000	BERKLEY, GREAT AMERICAN, ST.PAUL,CNA & ZURICH
080 C000000	114000
081 A000000	Y
081 B000000	209
082 A000000	N
082 B000000	0
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PAGE 8	
083 B000000	0
084 A000000	N
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085 A000000	Y

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