

NUVEEN MISSOURI PREMIUM INCOME MUNICIPAL FUND

Form NSAR-B

August 01, 2011

PAGE 1
000 B000000 05/31/2011
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000 E000000 NF
000 F000000 Y
000 G000000 N
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000 I000000 6.1
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002 A000000 333 WEST WACKER DRIVE
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007 C010900 9
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008 A000001 NUVEEN FUND ADVISORS, INC.
008 B000001 A
008 C000001 801-14147
008 D010001 CHICAGO
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008 D030001 60606
008 D040001 1286
008 A000002 NUVEEN ASSET MANAGEMENT, LLC
008 B000002 S
008 C000002 801-71957
008 D010002 CHICAGO
008 D020002 IL
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008 D040002 1286
012 A000001 EQUISERVE INC.
012 B000001 84-05925
012 C010001 PROVIDENCE
012 C020001 RI
PAGE 2
012 C030001 02940
013 A000001 ERNST & YOUNG LLP
013 B010001 CHICAGO
013 B020001 IL
013 B030001 60606
014 A000001 NUVEEN INVESTMENTS, LLC

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014 B000001 8-13464
015 A000001 STATE STREET BANK AND TRUST COMPANY
015 B000001 C
015 C010001 BOSTON
015 C020001 MA
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015 E010001 X
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022 B000001 95-2622900
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022 B000002 41-0953246
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022 A000003 STERN BROTHERS & CO
022 B000003 43-1357568
022 C000003 704
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022 A000004 MERRILL LYNCH
022 B000004 13-5674085
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022 A000005 GOLDMAN SACHS
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022 A000008 MELVIN SECURITIES
022 B000008 36-4259800
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022 B000009 13-2798343
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022 A000010 WILLIAM BLAIR
022 B000010 36-2214610
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080	B000000	BERKLEY, GREAT AMERICAN, ST. PAUL, CNA & ZURICH
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088	B000000	N
088	C000000	N
088	D000000	Y
SIGNATURE	STEPHEN D. FOY	
TITLE	V.P. & CONTROLLER	