

NUVEEN MISSOURI PREMIUM INCOME MUNICIPAL FUND

Form NSAR-A

January 30, 2012

PAGE 1
000 A000000 11/30/2011
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000 D000000 N
000 E000000 NF
000 F000000 Y
000 G000000 N
000 H000000 N
000 I000000 6.1
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002 A000000 333 WEST WACKER DRIVE
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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 A000002 NUVEEN ASSET MANAGEMENT, LLC
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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
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015 C010001 BOSTON
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022 B000002 43-1357568
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022 B000003 36-2214610
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022 A000004 JP MORGAN CHASE
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022 A000005 PIPER JAFFRAY
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022 A000006 MERRILL LYNCH
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PAGE 3
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022 B000008 73-1275307
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087	A030000	NOM
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088	C000000	N
088	D000000	Y

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