

NUVEEN MISSOURI PREMIUM INCOME MUNICIPAL FUND

Form NSAR-B

July 30, 2015

PAGE 1  
000 B000000 05/31/2015  
000 C000000 0000899782  
000 D000000 N  
000 E000000 NF  
000 F000000 Y  
000 G000000 N  
000 H000000 N  
000 I000000 6.1  
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001 A000000 NUVEEN MISSOURI PREMIUM INCOME MUNICIPAL FUND  
001 B000000 811-07616  
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 D020001 IL  
008 D030001 60606  
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008 A000002 NUVEEN ASSET MANAGEMENT, LLC  
008 B000002 S  
008 C000002 801-71957  
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012 A000001 COMPUTERSHARE INC.  
012 B000001 84-05925  
012 C010001 PROVIDENCE  
012 C020001 RI  
012 C030001 02940  
013 A000001 KPMG LLP  
013 B010001 CHICAGO  
013 B020001 IL  
013 B030001 60601  
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  
015 E010001 X  
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019 A000000 Y

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019 B000000 195  
019 C000000 NUVEENFUND  
021 000000 0  
022 A000001 MORGAN STANLEY  
022 B000001 13-2655998  
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022 A000002 STIFEL, NICOLAUS & CO  
022 B000002 43-0538770  
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022 A000003 RBC CAPITAL MARKETS  
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022 A000007 FIRST SOUTHWEST  
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022 A000009 THE MUNI CENTER INC  
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022 A000010 ZIEGLER SECURITIES  
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028 A010000 0  
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048 G020000 0.000  
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072 R000000 23  
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 077 C000000 N

PAGE 8

077 K000000 N  
 077 Q010000 N  
 078 000000 N  
 080 A000000 CHUBB GROUP OF INSURANCE COMPANIES

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080 B000000 BERKLEY, GREAT AMERICAN, ST. PAUL & CNA  
080 C000000 114000  
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081 B000000 194  
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084 A000000 N  
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085 B000000 N  
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086 E020000 0  
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087 A020000 67060Q108  
087 A030000 NOM  
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088 B000000 N  
088 C000000 N  
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SIGNATURE STEPHEN D. FOY  
TITLE V.P. & CONTROLLER