

NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND

Form NSAR-B

July 30, 2014

PAGE 1
000 B000000 05/31/2014
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000 D000000 N
000 E000000 NF
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000 H000000 N
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008 A000002 NUVEEN ASSET MANAGEMENT, LLC.
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012 A000001 COMPUTERSHARE INC.
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014 A000001 NUVEEN INVESTMENTS, LLC
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015 A000001 STATE STREET BANK AND TRUST COMPANY
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015 C010001 BOSTON
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077 D000000 Y
 078 000000 N

080 A000000 CHUBB GROUP OF INSURANCE COMPANIES
 080 B000000 BERKLEY, GREAT AMERICAN, ST.PAUL,CNA & ZURICH

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