

NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND

Form NSAR-B

July 30, 2013

PAGE 1
000 B000000 05/31/2013
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000 E000000 NF
000 F000000 Y
000 G000000 N
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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013 A000001 ERNST & YOUNG LLP
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014 A000001 NUVEEN INVESTMENTS, LLC
014 B000001 8-13464
015 A000001 STATE STREET BANK AND TRUST COMPANY
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072 R000000 22
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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

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087	A030000	NMT	
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088	C000000	N	
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SIGNATURE	STEPHEN D. FOY		
TITLE	V.P. & CONTROLLER		