

NUVEEN MASSACHUSETTS PREMIUM INCOME MUNICIPAL FUND

Form NSAR-A

January 29, 2015

PAGE 1
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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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012 A000001 COMPUTERSHARE INC.
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014 A000001 NUVEEN INVESTMENTS, LLC
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SIGNATURE	STEPHEN D. FOY		
TITLE	V.P. & CONTROLLER		