

NUVEEN INSURED NEW YORK TAX FREE ADVANTAGE MUNICIPAL FUND
Form NSAR-B
November 29, 2007

PAGE 1
000 B000000 09/30/2007
000 C000000 0001195739
000 D000000 N
000 E000000 NF
000 F000000 Y
000 G000000 N
000 H000000 N
000 I000000 6.1
000 J000000 A
001 A000000 NUVEEN INS NY TAX-FREE ADVANTAGE MUNI FUND
001 B000000 811-21211
001 C000000 3129178200
002 A000000 333 WEST WACKER DRIVE
002 B000000 CHICAGO
002 C000000 IL
002 D010000 60606
002 D020000 1286
003 000000 N
004 000000 N
005 000000 N
006 000000 N
007 A000000 N
007 B000000 0
007 C010100 1
007 C010200 2
007 C010300 3
007 C010400 4
007 C010500 5
007 C010600 6
007 C010700 7
007 C010800 8
007 C010900 9
007 C011000 10
008 A000001 NUVEEN ASSET MANAGEMENT
008 B000001 A
008 C000001 801-14147
008 D010001 CHICAGO
008 D020001 IL
008 D030001 60606
008 D040001 1286
012 A000001 EQUISERVE INC.
012 B000001 84-05925
012 C010001 PROVIDENCE
012 C020001 RI
012 C030001 02940
013 A000001 ERNST & YOUNG LLP
013 B010001 CHICAGO
013 B020001 IL
013 B030001 60606
014 A000001 NUVEEN INVESTMENTS, LLC
014 B000001 8-13464
PAGE 2
015 A000001 STATE STREET BANK AND TRUST COMPANY
015 B000001 C
015 C010001 BOSTON
015 C020001 MA
015 C030001 02110
015 E010001 X

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018 000000 Y
 019 A000000 Y
 019 B000000 178
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 020 C000004 0
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 022 B000001 13-2655998
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 022 D000001 9643
 022 A000002 CITIGROUP
 022 B000002 13-3214963
 022 C000002 4523
 022 D000002 1728
 022 A000003 JPMORGAN CHASE
 022 B000003 13-3224016
 022 C000003 1185
 022 D000003 4951
 022 A000004 GOLDMAN SACHS
 022 B000004 13-5108880
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 022 A000005 LEHMAN BROTHERS, INC.
 022 B000005 13-2518466
 022 C000005 1954
 022 D000005 0
 022 A000006 MCDONALD & CO.
 022 B000006 34-0642435
 022 C000006 770
 022 D000006 660
 022 A000007 STERNE, AGEE & LEACH
 022 B000007 63-0463600
 022 C000007 639
 022 D000007 641
 022 A000008 POPULAR SECURITIES
 022 B000008 66-0374802
 PAGE 3
 022 C000008 348
 022 D000008 347
 022 A000009 BEAR STEARNS
 022 B000009 13-3604093
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 022 A000010 UBS
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| 028 | E040000 | 0 |
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042 H000000 0
 043 000000 0
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 046 000000 N
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 048 A020000 0.000
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 055 B000000 N
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 058 A000000 N
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 060 A000000 N
 060 B000000 N
 061 000000 0
 062 A000000 Y

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| 062 | J000000 | 0.0 |
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| 062 | L000000 | 0.0 |
| 062 | M000000 | 0.0 |
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| 062 | O000000 | 152.8 |
| 062 | P000000 | 0.0 |

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| 070 | A020000 | N |
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| 070 | B020000 | N |
| 070 | C010000 | Y |
| 070 | C020000 | N |
| 070 | D010000 | N |
| 070 | D020000 | N |
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| 070 | P010000 | N |
| 070 | P020000 | N |
| 070 | Q010000 | N |
| 070 | Q020000 | N |
| 070 | R010000 | N |

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070 R020000 N
 071 A000000 15059
 071 B000000 13706
 071 C000000 79791
 071 D000000 17

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072 A000000 12
 072 B000000 3651
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 072 D000000 0
 072 E000000 0
 072 F000000 499
 072 G000000 0
 072 H000000 0
 072 I000000 11
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 074 J000000 0
 074 K000000 0
 074 L000000 992
 074 M000000 32
 074 N000000 81171

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074 O000000 360
 074 P000000 20
 074 Q000000 0
 074 R010000 0

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| 074 R020000 | 0 |
| 074 R030000 | 0 |
| 074 R040000 | 2312 |
| 074 S000000 | 27000 |
| 074 T000000 | 51479 |
| 074 U010000 | 3513 |
| 074 U020000 | 0 |
| 074 V010000 | 14.65 |
| 074 V020000 | 0.00 |
| 074 W000000 | 0.0000 |
| 074 X000000 | 28 |
| 074 Y000000 | 11855 |
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| 075 B000000 | 51801 |
| 076 000000 | 13.74 |
| 077 A000000 | Y |
| 077 B000000 | Y |
| 078 000000 | N |
| 080 A000000 | CHUBB GROUP OF INSURANCE COMPANIES |
| 080 B000000 | AIG, GREAT AMERICAN, ST. PAUL & CNA |
| 080 C000000 | 110000 |
| 081 A000000 | Y |
| 081 B000000 | 177 |
| 082 A000000 | N |
| 082 B000000 | 0 |
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| 086 F020000 | 0 |
| 087 A010000 | COMMON STOCK |
| 087 A020000 | 670656107 |
| 087 A030000 | NRK |
| 088 A000000 | N |
| | PAGE 9 |
| 088 B000000 | N |
| 088 C000000 | N |
| 088 D000000 | N |
| SIGNATURE | STEPHEN D. FOY |
| TITLE | V.P. & CONTROLLER |