

NUVEEN INSURED CALIFORNIA TAX FREE ADVANTAGE MUNICIPAL FUND

Form NSAR-B

October 29, 2007

PAGE 1
000 B000000 08/31/2007
000 C000000 0001195738
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 CA TAX-FREE ADVANTAGE MUNI FUND
001 B000000 811-21212
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
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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
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 022 B000001 56-2058405
 022 C000001 7435
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 022 C000002 6315
 022 D000002 534
 022 A000003 RBC DOMINION
 022 B000003 13-5033225
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 022 A000006 WACHOVIA
 022 B000006 56-0927594
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 022 A000007 MORGAN STANLEY
 022 B000007 13-2655998
 022 C000007 1396
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 022 A000008 FIRST ALBANY CORP
 022 B000008 14-1391446
 PAGE 3
 022 C000008 0
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 022 A000009 CITIGROUP
 022 B000009 13-3214963
 022 C000009 1957
 022 D000009 168
 022 A000010 SIEBERT BRANDFORD
 022 B000010 13-2639174
 022 C000010 0
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 023 C000000 25866
 023 D000000 21649
 024 000000 N
 025 D000001 0
 025 D000002 0
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042 H000000 0
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046 000000 N
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048 I020000 0.000
PAGE 5
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048 K010000 0
048 K020000 0.000
049 000000 N
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051 000000 N
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055 A000000 Y
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057 000000 N
058 A000000 N
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060 B000000 N
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062 A000000 Y

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070	O010000	Y
070	O020000	Y
070	P010000	N
070	P020000	N
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070	Q020000	N
070	R010000	N

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070 R020000 N
071 A000000 24311
071 B000000 20224
071 C000000 132736
071 D000000 15

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072 N000000 0
072 O000000 0
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072 Q000000 0
072 R000000 14
072 S000000 2
072 T000000 0
072 U000000 0
072 V000000 0
072 W000000 148
072 X000000 1095
072 Y000000 424
072 Z000000 5655
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072BB000000 0
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072CC020000 2755
072DD010000 4166
072DD020000 0
072EE000000 0
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074 K000000 0
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074 M000000 45
074 N000000 134814

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074 O000000 985
074 P000000 35
074 Q000000 0
074 R010000 0

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080	A000000	CHUBB GROUP OF INSURANCE COMPANIES
080	B000000	AIG, GREAT AMERICAN, ST. PAUL & CNA
080	C000000	110000
081	A000000	Y
081	B000000	176
082	A000000	N
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087	A010000	COMMON STOCK
087	A020000	670651108
087	A030000	NKX
088	A000000	N
	PAGE	9
088	B000000	N
088	C000000	N
088	D000000	Y
SIGNATURE	STEPHEN D. FOY	
TITLE	VICE PRESIDENT	