

NUVEEN INSURED CALIFORNIA TAX FREE ADVANTAGE MUNICIPAL FUND

Form NSAR-B

October 24, 2006

PAGE 1
000 B000000 08/31/2006
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
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007 C010600 6
007 C010700 7
007 C010800 8
007 C010900 9
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008 A000001 NUVEEN ASSET MANAGEMENT
008 B000001 A
008 C000001 801-14147
008 D010001 CHICAGO
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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
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018 000000 Y
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 PAGE 3
 022 C000008 195
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 022 A000009 RYAN, BECK & CO
 022 B000009 22-1773796
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 022 A000010 CITIGROUP
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070	Q020000	N
070	R010000	N

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070 R020000 N
 071 A000000 4750
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 071 C000000 130009
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074 O000000 0
 074 P000000 35
 074 Q000000 0
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080	B000000	AIG, GREAT AMERICAN, CNA & ST. PAUL
080	C000000	100000
081	A000000	Y
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086	F010000	0
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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	