

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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005 000000 N  
006 000000 N  
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007 C010100 1  
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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  
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 022 B000003 13-3224016  
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 022 B000004 13-3604093  
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 022 B000008 56-2058405  
 PAGE 3  
 022 C000008 195  
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 022 A000009 RYAN, BECK & CO  
 022 B000009 22-1773796  
 022 C000009 144  
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 022 B000010 13-3214963  
 022 C000010 176  
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 023 C000000 4750  
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054 N000000 N  
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070	Q020000	N
070	R010000	N

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070 R020000 N  
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 071 B000000 5629  
 071 C000000 130009  
 071 D000000 4

PAGE 7

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 072 E000000 0  
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 072 H000000 0  
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 072 O000000 0  
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 074 N000000 132858

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074 O000000 0  
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080	A000000	CHUBB GROUP OF INSURANCE COMPANIES
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080	C000000	100000
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086	F020000	0
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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	