

NUVEEN INSURED CALIFORNIA PREMIUM INCOME MUNICIPAL FUND 2 IN  
Form NSAR-B  
October 27, 2005

PAGE 1  
000 B000000 08/31/2005  
000 C000000 0000897422  
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 PREMIUM INCOME MUNI FUND 2, INC  
001 B000000 811-07492  
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  
011 A000001 DELETE  
011 A000002 DELETE  
011 A000003 DELETE  
011 A000004 DELETE  
011 A000005 DELETE  
011 A000006 DELETE  
011 A000007 DELETE  
011 A000008 DELETE  
011 A000009 DELETE  
011 A000010 DELETE  
012 A000001 EQUISERVE INC.  
PAGE 2  
012 B000001 84-05925  
012 C010001 PROVIDENCE  
012 C020001 RI  
012 C030001 02940  
013 A000001 ERNST & YOUNG LLP  
013 B010001 CHICAGO

Edgar Filing: NUVEEN INSURED CALIFORNIA PREMIUM INCOME MUNICIPAL FUND 2 IN - Form NSAR-B

013 B020001 IL  
013 B030001 60606  
014 A000001 NUVEEN INVESTMENTS, LLC  
014 B000001 8-13464  
015 A000001 STATE STREET BANK AND TRUST COMPANY  
015 B000001 C  
015 C010001 BOSTON  
015 C020001 MA  
015 C030001 02110  
015 E010001 X  
015 A000002 DELETE  
015 A000003 DELETE  
015 A000004 DELETE  
015 A000005 DELETE  
015 A000006 DELETE  
015 A000007 DELETE  
018 000000 Y  
019 A000000 Y  
019 B000000 155  
019 C000000 NUVEENFUND  
020 A000001 -  
020 C000001 0  
020 C000002 0  
020 C000003 0  
020 C000004 0  
020 C000005 0  
020 C000006 0  
020 C000007 0  
020 C000008 0  
020 C000009 0  
020 C000010 0  
021 000000 0  
022 A000001 CITIGROUP GLOBAL MARKETS, INC.  
022 B000001 13-3214963  
022 C000001 7563  
022 D000001 0  
022 A000002 RED CAPITAL MARKETS  
022 B000002 31-1078499  
022 C000002 0  
022 D000002 3418  
022 A000003 RBC DOMINION SECURITIES  
022 B000003 13-5033225  
022 C000003 2876  
022 D000003 507  
022 A000004 LOOP CAPITAL MARKETS  
PAGE 3  
022 B000004 36-4164012  
022 C000004 3193  
022 D000004 0  
022 A000005 MERRILL LYNCH  
022 B000005 13-5674085  
022 C000005 0  
022 D000005 2725  
022 A000006 BANK OF AMERICA  
022 B000006 56-2058405  
022 C000006 2694  
022 D000006 0  
022 A000007 E.J. DE LA ROSA & CO., INC.  
022 B000007 95-4223441  
022 C000007 2478  
022 D000007 0  
022 A000008 FIRST ALBANY CORP.

Edgar Filing: NUVEEN INSURED CALIFORNIA PREMIUM INCOME MUNICIPAL FUND 2 IN - Form NSAR-B

022	B000008	14-1391446	
022	C000008	2387	
022	D000008	0	
022	A000009	WELLS FARGO	
022	B000009	41-1508325	
022	C000009	0	
022	D000009	1607	
022	A000010	LEHMAN BROTHERS, INC.	
022	B000010	13-2518466	
022	C000010	1560	
022	D000010	0	
023	C000000	24393	
023	D000000	19463	
024	000000	N	
025	D000001	0	
025	D000002	0	
025	D000003	0	
025	D000004	0	
025	D000005	0	
025	D000006	0	
025	D000007	0	
025	D000008	0	
026	A000000	N	
026	B000000	N	
026	C000000	N	
026	D000000	Y	
026	E000000	N	
026	F000000	N	
026	G010000	N	
026	G020000	N	
026	H000000	N	
027	000000	N	
028	A010000	0	
028	A020000	0	
028	A030000	0	
	PAGE	4	
028	A040000	0	
028	B010000	0	
028	B020000	0	
028	B030000	0	
028	B040000	0	
028	C010000	0	
028	C020000	0	
028	C030000	0	
028	C040000	0	
028	D010000	0	
028	D020000	0	
028	D030000	0	
028	D040000	0	
028	E010000	0	
028	E020000	0	
028	E030000	0	
028	E040000	0	
028	F010000	0	
028	F020000	0	
028	F030000	0	
028	F040000	0	
028	G010000	0	
028	G020000	0	
028	G030000	0	
028	G040000	0	
028	H000000	0	

Edgar Filing: NUVEEN INSURED CALIFORNIA PREMIUM INCOME MUNICIPAL FUND 2 IN - Form NSAR-B

030	A000000	0
030	B000000	0.00
030	C000000	0.00
031	A000000	0
031	B000000	0
032	000000	0
033	000000	0
035	000000	0
036	B000000	0
038	000000	0
042	A000000	0
042	B000000	0
042	C000000	0
042	D000000	0
042	E000000	0
042	F000000	0
042	G000000	0
042	H000000	0
043	000000	0
044	000000	0
045	000000	Y
046	000000	N
047	000000	N
048	000000	0.000
048	A010000	0
	PAGE	5
048	A020000	0.000
048	B010000	0
048	B020000	0.000
048	C010000	0
048	C020000	0.000
048	D010000	0
048	D020000	0.000
048	E010000	0
048	E020000	0.000
048	F010000	0
048	F020000	0.000
048	G010000	0
048	G020000	0.000
048	H010000	0
048	H020000	0.000
048	I010000	0
048	I020000	0.000
048	J010000	0
048	J020000	0.000
048	K010000	0
048	K020000	0.000
049	000000	N
050	000000	N
051	000000	N
052	000000	Y
053	A000000	N
054	A000000	Y
054	B000000	N
054	C000000	N
054	D000000	N
054	E000000	N
054	F000000	N
054	G000000	N
054	H000000	Y
054	I000000	N
054	J000000	Y

Edgar Filing: NUVEEN INSURED CALIFORNIA PREMIUM INCOME MUNICIPAL FUND 2 IN - Form NSAR-B

054 K000000 N  
 054 L000000 N  
 054 M000000 Y  
 054 N000000 N  
 054 O000000 Y  
 055 A000000 Y  
 055 B000000 N  
 056 000000 Y  
 057 000000 N  
 058 A000000 N  
 059 000000 Y  
 060 A000000 Y  
 060 B000000 Y  
 061 000000 0  
 062 A000000 Y  
 PAGE 6  
 062 B000000 0.0  
 062 C000000 0.0  
 062 D000000 0.0  
 062 E000000 0.0  
 062 F000000 0.0  
 062 G000000 0.0  
 062 H000000 0.0  
 062 I000000 0.0  
 062 J000000 0.0  
 062 K000000 0.0  
 062 L000000 0.0  
 062 M000000 0.0  
 062 N000000 0.0  
 062 O000000 147.9  
 062 P000000 0.0  
 062 Q000000 0.0  
 062 R000000 0.0  
 063 A000000 0  
 063 B000000 6.2  
 064 A000000 Y  
 064 B000000 N  
 066 A000000 N  
 067 000000 N  
 068 A000000 N  
 068 B000000 N  
 069 000000 N  
 070 A010000 Y  
 070 A020000 N  
 070 B010000 N  
 070 B020000 N  
 070 C010000 Y  
 070 C020000 N  
 070 D010000 N  
 070 D020000 N  
 070 E010000 Y  
 070 E020000 N  
 070 F010000 N  
 070 F020000 N  
 070 G010000 Y  
 070 G020000 N  
 070 H010000 N  
 070 H020000 N  
 070 I010000 N  
 070 I020000 N  
 070 J010000 Y  
 070 J020000 N

Edgar Filing: NUVEEN INSURED CALIFORNIA PREMIUM INCOME MUNICIPAL FUND 2 IN - Form NSAR-B

070 K010000 N  
 070 K020000 N  
 070 L010000 N  
 070 L020000 N  
 070 M010000 N  
 PAGE 7  
 070 M020000 N  
 070 N010000 N  
 070 N020000 N  
 070 O010000 Y  
 070 O020000 Y  
 070 P010000 N  
 070 P020000 N  
 070 Q010000 N  
 070 Q020000 N  
 070 R010000 N  
 070 R020000 N  
 071 A000000 24393  
 071 B000000 19463  
 071 C000000 285346  
 071 D000000 7  
 072 A000000 12  
 072 B000000 13924  
 072 C000000 0  
 072 D000000 0  
 072 E000000 0  
 072 F000000 1826  
 072 G000000 0  
 072 H000000 0  
 072 I000000 36  
 072 J000000 65  
 072 K000000 7  
 072 L000000 13  
 072 M000000 5  
 072 N000000 0  
 072 O000000 0  
 072 P000000 0  
 072 Q000000 0  
 072 R000000 15  
 072 S000000 5  
 072 T000000 0  
 072 U000000 0  
 072 V000000 0  
 072 W000000 299  
 072 X000000 2271  
 072 Y000000 9  
 072 Z000000 11662  
 072AA000000 573  
 072BB000000 0  
 072CC010000 3008  
 072CC020000 0  
 072DD010000 11212  
 072DD020000 0  
 072EE000000 0  
 073 A010000 0.8820  
 073 A020000 0.0000  
 073 B000000 0.0000  
 PAGE 8  
 073 C000000 0.0000  
 074 A000000 0  
 074 B000000 0  
 074 C000000 0

Edgar Filing: NUVEEN INSURED CALIFORNIA PREMIUM INCOME MUNICIPAL FUND 2 IN - Form NSAR-B

074	D000000	288167
074	E000000	0
074	F000000	0
074	G000000	0
074	H000000	0
074	I000000	0
074	J000000	547
074	K000000	0
074	L000000	3761
074	M000000	33
074	N000000	292508
074	O000000	1122
074	P000000	154
074	Q000000	0
074	R010000	0
074	R020000	0
074	R030000	0
074	R040000	1337
074	S000000	95000
074	T000000	194895
074	U010000	12716
074	U020000	0
074	V010000	15.33
074	V020000	0.00
074	W000000	0.0000
074	X000000	568
074	Y000000	7933
075	A000000	0
075	B000000	193350
076	000000	15.05
077	A000000	Y
077	B000000	Y
077	C000000	Y
077	Q010000	Y
078	000000	N
080	A000000	CHUBB GROUP OF INSURANCE COMPANIES
080	B000000	QUANTA INDEMNITY, AIG, GREAT AMERICAN & CNA
080	C000000	100000
081	A000000	Y
081	B000000	154
082	A000000	N
082	B000000	0
083	A000000	N
083	B000000	0
084	A000000	N
084	B000000	0
085	A000000	Y
	PAGE	9
085	B000000	N
086	A010000	17
086	A020000	260
086	B010000	0
086	B020000	0
086	C010000	0
086	C020000	0
086	D010000	0
086	D020000	0
086	E010000	0
086	E020000	0
086	F010000	0
086	F020000	0
087	A010000	COMMON STOCK

087 A020000 67061U108

087 A030000 NCL

088 A000000 N

088 B000000 N

088 C000000 N

088 D000000 Y

SIGNATURE STEPHEN D. FOY

TITLE V.P. & CONTROLLER