

NUVEEN INSURED CALIFORNIA PREMIUM INCOME MUNICIPAL FUND 2 IN
Form NSAR-A
April 27, 2004

PAGE 1
000 A000000 02/29/2004
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 811-7492
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
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PAGE 2
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012 C010001 BOSTON
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012 C030001 02940
013 A000001 ERNST & YOUNG
013 B010001 CHICAGO

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013 B020001 IL
013 B030001 60611
014 A000001 NUVEEN INVESTMENTS, LLC
014 B000001 8-13464
015 A000001 STATE STREET BANK AND TRUST COMPANY
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022 B000001 13-3604093
022 C000001 7817
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022 A000002 CITIGROUP GLOBAL MARKETS, INC.
022 B000002 13-3214963
022 C000002 9403
022 D000002 3853
022 A000003 DAIN RAUSCHER
022 B000003 41-0212020
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022 A000004 LEHMAN BROTHERS
PAGE 3
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022 B000005 43-0895447
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022 A000007 JPMORGAN
022 B000007 13-3224016
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022 A000008 RAYMOND JAMES

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070 K010000 N
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 PAGE 7
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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	