

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  
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000 E000000 NF  
000 F000000 Y  
000 G000000 N  
000 H000000 N  
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001 A000000 NUVEEN INS CA PREMIUM INCOME MUNI FUND 2, INC  
001 B000000 811-7492  
001 C000000 3129178200  
002 A000000 333 WEST WACKER DRIVE  
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008 A000001 NUVEEN ADVISORY CORP  
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012 A000001 EQUISERVE INC.  
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012 B000001 84-05925  
012 C010001 BOSTON  
012 C020001 MA  
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  
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022 A000002 CITIGROUP GLOBAL MARKETS, INC.  
022 B000002 13-3214963  
022 C000002 9403  
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022 A000003 DAIN RAUSCHER  
022 B000003 41-0212020  
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022 A000004 LEHMAN BROTHERS  
PAGE 3  
022 B000004 13-2518466  
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022 A000005 A.G. EDWARDS  
022 B000005 43-0895447  
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022 A000007 JPMORGAN  
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022 A000008 RAYMOND JAMES

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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	