

NUVEEN INSURED CALIFORNIA PREMIUM INCOME MUNICIPAL FUND 2 IN  
Form NSAR-A  
April 22, 2005

PAGE 1  
000 A000000 02/28/2005  
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000 F000000 Y  
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001 A000000 NUVEEN INS CA PREMIUM INCOME MUNI FUND 2, INC  
001 B000000 811-07492  
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002 A000000 333 WEST WACKER DRIVE  
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002 C000000 IL  
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002 D020000 1286  
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008 A000001 NUVEEN ASSET MANAGEMENT  
008 B000001 A  
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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

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013 B020001 IL  
 013 B030001 60606  
 014 A000001 NUVEEN INVESTMENTS, LLC  
 014 B000001 8-13464  
 015 A000001 STATE STREET BANK AND TRUST COMPANY  
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 022 A000001 CITIGROUP GLOBAL MARKETS, INC.  
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 022 C000001 4766  
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 022 A000002 RED CAPITAL MARKETS  
 022 B000002 31-1078499  
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 022 B000003 41-0212020  
 022 C000003 2876  
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 022 A000004 LOOP CAPITAL  
 PAGE 3  
 022 B000004 36-4164012  
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 022 A000005 E.J. DE LA ROSA & CO.  
 022 B000005 95-4223441  
 022 C000005 2478  
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 022 A000006 FIRST ALBANY  
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 022 A000007 UBS FINANCIAL SERVICES  
 022 B000007 13-2638166  
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087	A030000	NCL
088	A000000	N
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088	B000000	N
088	C000000	N
088	D000000	Y
SIGNATURE	STEPHEN D. FOY	
TITLE	V.P. & CONTROLLER	