

NUVEEN INSURED CALIFORNIA PREMIUM INCOME MUNICIPAL FUND 2 IN
Form NSAR-B
April 30, 2012

PAGE 1
000 B000000 02/29/2012
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
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002 D010000 60606
002 D020000 1286
003 000000 N
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007 C010600 6
007 C010700 7
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007 C010900 9
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008 A000001 NUVEEN FUND ADVISORS, INC.
008 B000001 A
008 C000001 801-14147
008 D010001 CHICAGO
008 D020001 IL
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008 D040001 1286
008 A000002 NUVEEN ASSET MANAGEMENT, LLC
008 B000002 S
008 C000002 801-71957
008 D010002 CHICAGO
008 D020002 IL
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008 D040002 1286
012 A000001 EQUISERVE INC.
012 B000001 84-05925
012 C010001 PROVIDENCE
012 C020001 RI
PAGE 2
012 C030001 02940
013 A000001 ERNST & YOUNG LLP
013 B010001 CHICAGO
013 B020001 IL
013 B030001 60606
014 A000001 NUVEEN INVESTMENTS, LLC

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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
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022 B000001 13-5108880
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022 A000002 E.J. DE LA ROSA
022 B000002 95-4223441
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022 D000002 0
022 A000003 WELLS FARGO
022 B000003 41-1508325
022 C000003 0
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022 A000004 MERRILL LYNCH
022 B000004 13-5674085
022 C000004 1085
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022 A000005 PIPER JAFFRAY
022 B000005 41-0953246
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022 A000006 FMS BONDS INC
022 B000006 59-1842344
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PAGE 3
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022 B000007 75-1372137
022 C000007 0
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022 A000008 GUGGENHEIM CAPITAL
022 B000008 52-2144448
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022 A000009 MESIROW CAPITAL MKTS
022 B000009 36-3194849
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022 B000010 13-3214963
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058	A000000	N

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059 000000 Y
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PAGE 8
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080	B000000	BERKLEY, GREAT AMERICAN, ST.PAUL,CNA & ZURICH
080	C000000	114000
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087	A020000	67061U108
087	A030000	NCL
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088	B000000	N
088	C000000	N
088	D000000	N
SIGNATURE	STEPHEN D. FOY	
TITLE	V.P. & CONTROLLER	