

NUVEEN INSURED CALIFORNIA PREMIUM INCOME MUNICIPAL FUND 2 IN  
Form NSAR-A  
October 31, 2011

PAGE 1  
000 A000000 08/31/2011  
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 FUND ADVISORS, INC.  
008 B000001 A  
008 C000001 801-14147  
008 D010001 CHICAGO  
008 D020001 IL  
008 D030001 60606  
008 D040001 1286  
012 A000001 EQUISERVE INC.  
012 B000001 84-05925  
012 C010001 PROVIDENCE  
012 C020001 RI  
012 C030001 02940  
013 A000001 ERNST & YOUNG LLP  
013 B010001 CHICAGO  
013 B020001 IL  
013 B030001 60606  
014 A000001 NUVEEN INVESTMENTS, LLC  
014 B000001 8-13464  
PAGE 2  
015 A000001 STATE STREET BANK AND TRUST COMPANY  
015 B000001 C  
015 C010001 BOSTON  
015 C020001 MA  
015 C030001 02110  
015 E010001 X

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

|     |         |                      |      |
|-----|---------|----------------------|------|
| 018 | 000000  | Y                    |      |
| 019 | A000000 | Y                    |      |
| 019 | B000000 |                      | 245  |
| 019 | C000000 | NUVEENFUND           |      |
| 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 | GOLDMAN SACHS        |      |
| 022 | B000001 | 13-5108880           |      |
| 022 | C000001 |                      | 5029 |
| 022 | D000001 |                      | 2280 |
| 022 | A000002 | PIPER JAFFRAY        |      |
| 022 | B000002 | 41-0953246           |      |
| 022 | C000002 |                      | 0    |
| 022 | D000002 |                      | 1731 |
| 022 | A000003 | SOUTHWEST SECURITIES |      |
| 022 | B000003 | 75-1372137           |      |
| 022 | C000003 |                      | 0    |
| 022 | D000003 |                      | 960  |
| 022 | C000004 |                      | 0    |
| 022 | D000004 |                      | 0    |
| 022 | C000005 |                      | 0    |
| 022 | D000005 |                      | 0    |
| 022 | C000006 |                      | 0    |
| 022 | D000006 |                      | 0    |
| 022 | C000007 |                      | 0    |
| 022 | D000007 |                      | 0    |
| 022 | C000008 |                      | 0    |
| 022 | D000008 |                      | 0    |
| 022 | C000009 |                      | 0    |
| 022 | D000009 |                      | 0    |
| 022 | C000010 |                      | 0    |
| 022 | D000010 |                      | 0    |
| 023 | C000000 |                      | 5029 |
| 023 | D000000 |                      | 4971 |
| 024 | 000000  | N                    |      |
| 025 | D000001 |                      | 0    |
|     | PAGE    | 3                    |      |
| 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                    |      |

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

|     |         |       |       |
|-----|---------|-------|-------|
| 027 | 000000  | N     |       |
| 028 | A010000 |       | 0     |
| 028 | A020000 |       | 0     |
| 028 | A030000 |       | 0     |
| 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     |
| 030 | A000000 |       | 0     |
| 030 | B000000 | 0.00  |       |
| 030 | C000000 | 0.00  |       |
| 031 | A000000 |       | 0     |
| 031 | B000000 |       | 0     |
|     | PAGE    | 4     |       |
| 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     |
| 048 | A020000 | 0.000 |       |
| 048 | B010000 |       | 0     |
| 048 | B020000 | 0.000 |       |
| 048 | C010000 |       | 0     |
| 048 | C020000 | 0.000 |       |
| 048 | D010000 |       | 0     |

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

|     |         |       |     |
|-----|---------|-------|-----|
| 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     |     |
|     | PAGE    | 5     |     |
| 054 | F000000 | N     |     |
| 054 | G000000 | N     |     |
| 054 | H000000 | Y     |     |
| 054 | I000000 | N     |     |
| 054 | J000000 | Y     |     |
| 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     |     |
| 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 | 147.3 |     |
| 062 | P000000 |       | 0.0 |
| 062 | Q000000 |       | 0.0 |

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

|     |         |        |
|-----|---------|--------|
| 062 | R000000 | 0.0    |
| 063 | A000000 | 0      |
| 063 | B000000 | 11.6   |
| 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      |
|     | PAGE    | 6      |
| 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      |
| 070 | K010000 | N      |
| 070 | K020000 | N      |
| 070 | L010000 | N      |
| 070 | L020000 | N      |
| 070 | M010000 | N      |
| 070 | M020000 | N      |
| 070 | N010000 | N      |
| 070 | N020000 | N      |
| 070 | O010000 | Y      |
| 070 | O020000 | N      |
| 070 | P010000 | N      |
| 070 | P020000 | N      |
| 070 | Q010000 | N      |
| 070 | Q020000 | N      |
| 070 | R010000 | N      |
| 070 | R020000 | N      |
| 071 | A000000 | 5029   |
| 071 | B000000 | 8336   |
| 071 | C000000 | 258664 |
| 071 | D000000 | 2      |
| 072 | A000000 | 6      |
| 072 | B000000 | 7032   |
| 072 | C000000 | 0      |
| 072 | D000000 | 0      |
| 072 | E000000 | 0      |
| 072 | F000000 | 834    |
| 072 | G000000 | 0      |
| 072 | H000000 | 0      |
| 072 | I000000 | 6      |
| 072 | J000000 | 24     |
| 072 | K000000 | 4      |

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

|             |     |
|-------------|-----|
| 072 L000000 | 8   |
| 072 M000000 | 3   |
| 072 N000000 | 0   |
| 072 O000000 | 0   |
| 072 P000000 | 212 |

PAGE 7

|             |        |
|-------------|--------|
| 072 Q000000 | 0      |
| 072 R000000 | 12     |
| 072 S000000 | 2      |
| 072 T000000 | 0      |
| 072 U000000 | 0      |
| 072 V000000 | 0      |
| 072 W000000 | 363    |
| 072 X000000 | 1468   |
| 072 Y000000 | 0      |
| 072 Z000000 | 5565   |
| 072AA000000 | 249    |
| 072BB000000 | 0      |
| 072CC010000 | 14907  |
| 072CC020000 | 0      |
| 072DD010000 | 5471   |
| 072DD020000 | 0      |
| 072EE000000 | 0      |
| 073 A010000 | 0.4320 |
| 073 A020000 | 0.0000 |
| 073 B000000 | 0.0000 |
| 073 C000000 | 0.0000 |
| 074 A000000 | 488    |
| 074 B000000 | 0      |
| 074 C000000 | 0      |
| 074 D000000 | 266052 |
| 074 E000000 | 0      |
| 074 F000000 | 0      |
| 074 G000000 | 0      |
| 074 H000000 | 0      |
| 074 I000000 | 0      |
| 074 J000000 | 3264   |
| 074 K000000 | 0      |
| 074 L000000 | 4016   |
| 074 M000000 | 84     |
| 074 N000000 | 273904 |
| 074 O000000 | 0      |
| 074 P000000 | 145    |
| 074 Q000000 | 0      |
| 074 R010000 | 0      |
| 074 R020000 | 0      |
| 074 R030000 | 0      |
| 074 R040000 | 93149  |
| 074 S000000 | 0      |
| 074 T000000 | 180610 |
| 074 U010000 | 12664  |
| 074 U020000 | 0      |
| 074 V010000 | 14.26  |
| 074 V020000 | 0.00   |
| 074 W000000 | 0.0000 |
| 074 X000000 | 360    |
| 074 Y000000 | 292037 |

PAGE 8

|             |        |
|-------------|--------|
| 075 A000000 | 0      |
| 075 B000000 | 171414 |
| 076 000000  | 13.64  |
| 077 A000000 | N      |

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

|           |                   |              |   |
|-----------|-------------------|--------------|---|
| 078       | 000000            | N            |   |
| 080       | C000000           |              | 0 |
| 081       | B000000           |              | 0 |
| 082       | B000000           |              | 0 |
| 083       | B000000           |              | 0 |
| 084       | B000000           |              | 0 |
| 086       | A010000           |              | 0 |
| 086       | A020000           |              | 0 |
| 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           | N            |   |
| SIGNATURE | STEPHEN D. FOY    |              |   |
| TITLE     | V.P. & CONTROLLER |              |   |