PIMCO CALIFORNIA MUNICIPAL INCOME FUND II Form N-CSR August 06, 2007

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM N-CSR

CERTIFIED SHAREHOLDER REPORT OF REGISTERED MANAGEMENT INVESTMENT COMPANIES

Investment Company

Act file number 811-21077

PIMCO California Municipal Income Fund II (Exact name of registrant as specified in charter)

1345 Avenue of the Americas, New York, (Address of principal executive offices)

New York 10105 (Zip code)

Lawrence G. Altadonna - 1345 Avenue of the Americas, New York, New York 10105 (Name and address of agent for service)

Registrant stelephone number, including area code: 212-739-3371

Date of fiscal year end: May 31, 2007

Date of reporting period: May 31, 2007

Form N-CSR is to be used by management investment companies to file reports with the Commission not later than 10 days after the transmission to stockholders of any report that is required to be transmitted to stockholders under Rule 30e-1 under the Investment Company Act of 1940 (17 CFR 270.30e -1). The Commission may use the information provided on Form N-CSR in its regulatory, disclosure review, inspection, and policymaking roles.

A registrant is required to disclose the information specified by Form N-CSR, and the Commission will make this information public. A registrant is not required to respond to the collection of information contained in Form N-CSR unless the Form displays a currently valid Office of Management and Budget ([OMB]) control number. Please direct comments concerning the accuracy of the information collection burden estimate and any suggestions for reducing the burden to Secretary, Securities and Exchange Commission, 450 Fifth Street, NW, Washington, DC 20549-0609. The OMB has reviewed this collection of information under the clearance requirements of 44 U.S.C. § 3507.

PIMCO Municipal Income Fund II PIMCO California Municipal Income Fund II PIMCO New York Municipal Income Fund II

Annual Report May 31, 2007

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PIMCO Municipal Income Funds II Letter to Shareholders

July 10, 2007

Dear Shareholder:

We are pleased to provide you with the annual report for PIMCO Municipal Income Fund II, PIMCO California Municipal Income Fund II and PIMCO New York Municipal Income Fund II (collectively, the ☐Funds☐) for the fiscal year ended May 31, 2007.

The U.S. bond market delivered stable, positive returns during the period as economic growth moderated, although a correction in the US housing market caused some weakness for bonds. The Federal Reserve (the [Fed]) raised the Federal Funds rate to 5.25% at the beginning of the period and has held the key rate at that level for nearly one year. Inflation continued to track somewhat higher than the central bank stated comfort level.

For specific information on the Funds and their performance during the reporting period, please review the following pages. If you have any questions regarding the information provided, we encourage you to contact your financial advisor or call the Funds shareholder servicing agent at (800) 331-1710. In addition, a wide range of information and resources is available on our Web site, www.allianzinvestors.com/closedendfunds.

Together with Allianz Global Investors Fund Management LLC, the Funds \square investment manager, and Pacific Investment Management Company LLC (\square PIMCO \square), the Funds \square sub-adviser, we thank you for investing with us.

Sincerely,

Hans W. Kertess *Chairman*

Brian S. Shlissel

President & Chief Executive Officer

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PIMCO Municipal Income Fund II Performance & Statistics

May 31, 2007 (unaudited)

- ¢ For the fiscal year ended May 31, 2007, PIMCO Municipal Income Fund II returned 8.02% on net asset value (NAV) and 12.64% on market price, compared to 5.92% and 10.37%, respectively for the Lipper Analytical General Municipal Debt Funds (Leveraged) average.
- arphi Municipal bond yields decreased for the twelve month period (except for the short end of the municipal yield curve) as the appetite for tax free municipals remained strong
- $\ensuremath{\wp}$ Interest rates for Treasuries and LIBOR Swaps also moved lower for the twelve month period
- ¢ Municipal bond issuance increased

- significantly over the period, supply levels were at \$436 billion, with the largest increase coming from year-to-date 2007 as supply increased 35% versus the same five-month period in 2006.
- ¢ The municipal yield curve flattened over the period: 10-year, 20-year and 30-year maturity AAA General Obligation yields decreased by 11, 19, and 28 basis points, respectively
- $\ensuremath{\wp}$ Municipal to Treasury yield ratios ended the twelve month period with 10-year ratios at 79.9% and 30-year ratios at 84.8%
- φ Long municipals underperformed long Treasuries and the taxable debt sector; the Lehman Long

- Municipal Bond Index returned 6 . 2 8 % , while the Long Government/Credit and the Lehman Long Treasury Indices returned 8.80% and 7.70%, respectively
- $\ensuremath{\wp}$ Tobacco securitization sector holdings performed well due to favorable news related to underlying tobacco companies and the advance refunding of older higher cost debt.
- $\ensuremath{\wp}$ Exposure to zero coupon municipals was positive for performance. The Lehman Zero Coupon Municipal Bond Index returned 8.14% for the period versus 6.28% for the Lehman Long Municipal Bond Index.

Total Return(1):	Market Price	Net Asset Value (□NAV□)
1 Year	12.64%	8.02%
3 Year	11.84%	9.09%
Commencement of Operations (6/28/02) to 5/31/07	7.34%	7.81%
Common Share Market Price/NAV Performance:	Market Price/NAV:	
Commencement of Operations (6/28/02) to 5/31/07	Market Price NAV Premium to NAV Market Price Yield(2)	\$15.42 \$15.05 2.46% 5.06%

(1) Past performance is no guarantee of future results. Total return is determined by subtracting the initial investment from the value at the end of the period and dividing the remainder by the initial investment and expressing the result as a percentage. The calculation assumes that all income dividends and capital gain distributions have been reinvested at prices obtained under the Fund sidvidend reinvestment plan. Total return does not reflect broker commissions or sales charges. Total return for a period of less than one year is not annualized. Total return for a period of more than one year represents the average annual total return.

An investment in the Fund involves risk, including the loss of principal. Total return, price, yield and net asset value will fluctuate with changes in market conditions. This data is provided for information only and is not intended for trading purposes. A portion of the income generated by the Fund may be subject to federal, state and local taxes, and may at times be subject to the alternative minimum tax. Closed-end funds, unlike open-end funds, are not continuously offered. There is a one-time public

offering and once issued, shares of closed-end funds are sold in the open market through a stock exchange. Net asset value is equal to total assets attributable to common shareholders less total liabilities divided by the number of common shares outstanding. Holdings are subject to change daily.

(2) Market Price Yield is determined by dividing the annualized current monthly per share dividend payable to common shareholders by the market price per common share at May 31, 2007.

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PIMCO California Municipal Income Fund II Performance & Statistics

May 31, 2007 (unaudited)

- $\ensuremath{\wp}$ For the fiscal year ended May 31, 2007, PIMCO California Municipal Income Fund II returned 8.06% on net asset value (NAV) and 15.35% on market price, compared to 5.88% and 10.15%, respectively for the Lipper California Municipal Debt Funds (Leveraged) average.
- ¢ Municipal bond yields decreased for the twelve month period (except for the short end of the municipal yield curve) as the appetite for tax free municipals remained strong
- ϕ Interest rates for Treasuries and LIBOR Swaps also moved lower for the twelve month period
- \ensuremath{arphi} Municipal bond issuance increased significantly over the period, supply levels were at \$436 billion, with the largest increase coming from year-to-date 2007 as supply increased 35% versus the same five-month period in 2006.

- $\ensuremath{\wp}$ Municipal to Treasury yield ratios ended the twelve month period with 10-year ratios at 79.9% and 30-year ratios at 84.8%
- $\ensuremath{\wp}$ Long municipals underperformed long Treasuries and the taxable debt sector; the Lehman Long Municipal Bond Index returned 6.28%, while the Long Government/Credit and the Lehman Long Treasury Indices returned 8.80% and 7.70%, respectively
- Tobacco securitization sector holdings performed well due to favorable news related to underlying tobacco companies and the advance refunding of older higher cost debt.

- $\ensuremath{\wp}$ Exposure to zero coupon municipals was positive for performance. The Lehman Zero Coupon Municipal Bond Index returned 8.14% for the period versus 6.28% for the Lehman Long Municipal Bond Index.
- \ensuremath{arphi} Municipal bonds within California outperformed the national index for the period. The Long California Index returned 6.64% versus the Long National Index return of 6.28%. California was the largest issuer of tax-exempt debt during the 12 months.
- $\ensuremath{\wp}$ The shape of the California State AAA insured municipal yield curve flattened over the 12 months: 5-year maturity credits increased by 12 basis points, 10-year maturities decreased by 5 basis points, and 30-year maturities decreased by 20 basis points.

Total Return(1):	Market Price	Net Asset Value (□NAV□)
1 Year	15.35%	8.06%
3 Year	13.18%	9.96%
Commencement of Operations (6/28/02) to 5/31/07	7.87%	7.39%
Common Share Market Price/NAV Performance: Commencement of Operations (6/28/02) to 5/31/07	Market Price/NAV: Market Price NAV Premium to NAV	\$15.96 \$14.89 7.19%
	Market Price Yield(2)	5.26%

Moody∏s Ratings (as a % of total investments)

(1) Past performance is no guarantee of future results. Total return is determined by subtracting the initial investment from the value at the end of the period and dividing the the remainder by the initial investment value of the investment at the beginning of the period and expressing the result as a percentage. The calculation assumes that all income dividends have been reinvested at prices obtained under the Fund dividend reinvestment plan. Total return does not reflect broker commissions or sales charges. Total return for a period of less than one year is not annualized. Total return for a period of more than one year

represents the average annual total return.

An investment in the Fund involves risk, including the loss of principal. Total return, price, yield and net asset value will fluctuate with changes in market conditions. This data is provided for information only and is not intended for trading purposes. A portion of the income generated by the Fund may be subject to federal, state and local taxes, and may at times be subject to the alternative minimum tax. Closed-end funds, unlike open-end funds, are not continuously offered. There is a one-time public offering and once issued, shares of closed-end funds are sold in the open market through a stock exchange. Net asset value is equal to total assets attributable to common shareholders less total liabilities divided by the number of common shares outstanding. Holdings are subject to change daily.

(2) Market Price Yield is determined by dividing the annualized current monthly per share dividend payable to common shareholders by the market price per common share at May 31, 2007.

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PIMCO New York Municipal Income Fund II Performance & Statistics

May 31, 2007 (unaudited)

- $\ensuremath{\wp}$ For the fiscal year ended May 31, 2007, PIMCO New York Municipal Income Fund II returned 6.41% on net asset value (NAV) and 15.51% on market price, compared to 5.51% and 10.41%, respectively for the Lipper New York Municipal Debt Funds (Leveraged) average.
- ¢ Municipal bond yields decreased for the twelve month period (except for the short end of the municipal yield curve) as the appetite for tax free municipals remained strong
- $\ensuremath{\wp}$ Interest rates for Treasuries and LIBOR Swaps also moved lower for the twelve month period
- « Municipal bond issuance increased significantly over the 12 month period, supply levels were at \$436 billion, with the largest increase coming from year-to-date 2007 as supply increased 35% versus the same five-month period in 2006.

- $\ensuremath{\wp}$ Municipal to Treasury yield ratios ended the twelve month period with 10-year ratios at 79.9% and 30-year ratios at 84.8%
- $\ensuremath{\wp}$ Long municipals underperformed long Treasuries and the taxable debt sector; the Lehman Long Municipal Bond Index returned 6.28%, while the Long Government/Credit and the Lehman Long Treasury Indices returned 8.80% and 7.70%, respectively

- $\ensuremath{\wp}$ Exposure to zero coupon municipals was positive for performance. The Lehman Zero Coupon Municipal Bond Index returned 8.14% for the period versus 6.28% for the Lehman Long Municipal Bond Index.
- $\ensuremath{\wp}$ Municipal bonds within New York underperformed the national index for the period. The Long New York Index returned 6.13% versus the Long National Index return of 6.28%. New York was the second largest issuer of tax-exempt debt during the 12 months.
- $\ensuremath{\wp}$ The shape of the New York Insured AAA municipal yield curve flattened over the quarter: 5-year maturity AAA credits increased by 9 basis points, 10-year maturities decreased by 13 basis points, and 30-year maturities decreased by 25 basis points.

Total Return(1):	Market Price	Net Asset Value (□NAV□)
1 Year	15.51%	6.41%
3 Year	12.56%	9.54%
Commencement of Operations (6/28/02) to 5/31/07	7.13%	7.14%

Common Share Market Price/NAV Performance:

Commencement of Operations (6/28/02) to 5/31/07

Market Price/NAV:

Market Price	\$15.49
NAV	\$14.79
Premium to NAV	4.73%
Market Price Yield(2)	5.13%

Moody∏s Ratings (as a % of total investments)

(1) Past performance is no guarantee of future results. Total return is determined by subtracting the initial investment from the value at the end of the period and dividing the remainder by the initial investment value of the investment at the beginning of the period and expressing the result as a percentage. The calculation assumes that all income dividends have been reinvested at prices obtained under the Fund dividend reinvestment plan. Total return does not reflect broker commissions or sales charges. Total return for a period of less than one year is not annualized. Total return for a period more than one year represents the average annual total return.

An investment in the Fund involves risk, including the loss of principal. Investment return, price, yield and net asset value will fluctuate with changes in market conditions. This data is provided for information only and is not intended for trading purposes. A portion of the income generated by the Fund may be subject to federal, state and local taxes, and may at times be subject to the alternative minimum tax. Closed-end funds, unlike open-end funds, are not continuously offered. There is a one-time public

offering and once issued, shares of closed-end funds are sold in the open market through a stock exchange. Net asset value is equal to total assets attributable to common shareholders less total liabilities divided by the number of common shares outstanding. Holdings are subject to change daily.

(2) Market Price Yield is determined by dividing the annualized current monthly per share dividend payable to common shareholders by the market price per common share at May 31, 2007.

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PIMCO Municipal Income Fund II Schedule of Investments

May 31, 2007 Principal Amount

Amount Credit Rating (000)(Moody∏s/S&P)* Value **MUNICIPAL BONDS & NOTES** 95.2% Alabama 4.0% \$ 10,000 Birmingham Baptist Medical Centers Special Care Facs. Financing Auth. Rev., 5.00%, 11/15/30, Ser. A Baa1/NR \$ 10,102,600 Birmingham Waterworks & Sewer Board Rev., Ser. B, (Pre-refunded @ \$100, 1/1/13) (MBIA)(b), 5.00%, 1/1/27 1,145 Aaa/AAA 1,205,742 5.00%, 1/1/37 10,000 Aaa/AAA 10,530,500 18,000 5.25%, 1/1/33 (c)(h) NR/NR 19,178,100 Huntsville Health Care Auth. Rev., 1,750 5.75%, 6/1/32, Ser. B, (Pre-refunded @ \$101, 6/1/12) (b) A2/NR 1,904,105 16,580 Jefferson Cnty. Sewer Rev., 4.75%, 2/1/38, Ser. B, (Pre-refunded @ \$100, 8/1/12) (FGIC)(b) Aaa/AAA 17,231,594 60,152,641 Alaska 0.2% 3,550 State Housing Finance Corp. Rev., 5.25%, 6/1/32, Ser. C (MBIA) Aaa/AAA 3,604,706 Arizona ☐ 2.4% 1,300 Health Facs. Auth. Hospital System Rev., 5.75%, 12/1/32, (Pre-refunded @ \$101, 12/1/12) (b) NR/BBB 1,423,591 33,000 Salt River Project Agricultural Improvement & Power Dist. Rev., 5.00%, 1/1/37, Ser. A (c)(h) Aa1/AA 34,568,160 35,991,751 Arkansas 0.1% 13,000 Arkansas Dev. Finance Auth. Rev., zero coupon, 7/1/46 (AMBAC) Aaa/NR 2,037,360 California | 3.1% Alameda Corridor Transportation Auth. Rev., zero coupon, 9,610 10/1/16, Ser. A (AMBAC) Aaa/AAA 6,487,327 Golden State Tobacco Securitization Corp. Tobacco Settlement Rev., 15,000 5.00%, 6/1/33, Ser. A-1 Baa3/BBB 14,827,800 6.25%, 6/1/33, Ser. 2003-A-1 3,300 Aaa/AAA 3,616,833 6.75%, 6/1/39, Ser. 2003-A-1, 9,000 (Pre-refunded @ \$100, 6/1/13) (b) Aaa/AAA 10,358,190 1,000 Rancho Cucamonga Community Facs. Dist., Special Tax, 6.30%, 9/1/23, Ser. A NR/NR 1,053,210 4,000 Southern California Public Power Auth., Transmission Project Rev., zero coupon, 7/1/13 Aa3/A+3,115,160 Univ. of California Rev., 4.75%, 5/15/37, Ser. C (MBIA) 4,430 Aaa/AAA 4,505,886 2,900 4.75%, 5/15/38, Ser. B Aa3/AA-2,932,393 46,896,799 Colorado □5.3% Dawson Ridge Dist. No. 1, GO, zero coupon, 10/1/22, Ser. A 30,000 Aaa/NR 15,238,800

5,000 Denver City & Cnty., CP, 5.50%, 12/1/25, Ser. B, (Pre-refunded @ \$101, 12/1/10) (AMBAC) (b)

Aaa/AAA

5,315,750

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PIMCO Municipal Income Fund II Schedule of Investments

May 31, 2007			
Principal		Condit Dation	
Amount (000)		Credit Rating (Moody∏s/S&P)*	Value
	Colorado[(continued)		
	E-470 Public Highway Auth. Rev., Ser. B (MBIA),		
\$ 20,000	zero coupon, 9/1/35	Aaa/AAA	\$ 5,189,200
15,000	zero coupon, 9/1/37	Aaa/AAA	3,511,350
	Health Facs. Auth. Rev.,		
25,000	Catholic Health Initiatives, 5.50%, 3/1/32	Aa2/AA	26,558,250
18,305	Exempla, Inc., 5.625%, 1/1/33, Ser. A	A1/A-	19,080,400
6,500	Retirement Fac., Liberty Height, zero coupon, 7/15/22	Aaa/AAA	3,332,680 78,226,430
	District of Columbia 1.2%		. 2,220, . 2 2
17,500	Washington D.C. Convention Center Auth. Tax Rev., 4.75%, 10/1/28, (Pre-refunded @ \$100, 10/1/08)		
	(AMBAC) (b)	Aaa/AAA	17,736,425
	Florida □3.9 %		
6,520	Brevard Cnty. Health Facs. Auth. Rev., 5.00%, 4/1/34	A2/A	6,631,231
	Highlands Cnty. Health Facs. Auth. Rev.,		
2,830	Adventist, 5.00%, 11/15/31, Ser. C	A2/A+	2,859,036
8,000	Adventist/Sunbelt, 6.00%, 11/15/31, Ser. A,		
	(Pre-refunded @ \$101, 11/15/11) (b)	A2/NR	8,722,720
2,335	Hillsborough Cnty. Industrial Dev. Auth., Pollution Control Rev.,		
	Tampa Electric Co. Project, 5.50%, 10/1/23	Baa2/BBB-	2,430,805
635	Hillsborough Cnty. Industrial Dev. Auth. Rev.,		
7.105	Health Fac. Project, 5.625%, 8/15/23	Baa2/BBB	656,018
7,135	Jacksonville Health Facs. Auth. Rev., 5.25%, 11/15/32, Ser. A	Aa2/AA	7,435,312
11,500	Lakeland Hospital System Rev., Regional Health System,	A 2 /NID	12 407 620
2.000	5.50%, 11/15/32, (Pre-refunded @ \$101, 11/15/12) (b)	A2/NR	12,487,620
3,000	Leesburg Hospital Rev., Leesburg Regional Medical Center Project, 5.50%, 7/1/32	Baa1/BBB+	3,093,420
	Orange Cnty. Health Facs. Auth. Rev., Adventist Health	Daa1/DDD 1	3,033,420
	System (b),		
2,550	5.625%, 11/15/32, (Pre-refunded @ \$101, 11/15/12)	A2/A+	2,777,944
5,000	6.25%, 11/15/24, (Pre-refunded @ \$100, 11/15/12)	A2/A+	5,558,300
5,000	Sumter Landing Community Dev. Dist. Rev., 4.75%, 10/1/35,	_,	2,222,233
	Ser. A (MBIA) (c)(h)	NR/AAA	5,040,750
1,500	Winter Springs Water & Sewer Rev., zero coupon,		
	10/1/29 (FGIC)	Aaa/AAA	535,260
			58,228,416
	Georgia □0.7 %		
4,000	Atlanta Water & Wastewater Rev., 5.00%, 11/1/39,		
	Ser. A (MBIA)	Aaa/AAA	4,126,080
1,500	Grantor Trust Gov∏t, CP, 4.75%, 6/1/28, Ser. A (MBIA)	Aaa/AAA	1,563,060
9,600	Richmond Cnty. Dev. Auth. Rev., zero coupon, 12/1/21	Aaa/NR	5,066,496
			10,755,636
	Hawaii 1.3%		
19,170	Honolulu City & Cnty. Wastewater System Rev., First Board		
	Resolution, 4.75%, 7/1/28 (FGIC)	Aaa/NR	19,404,257

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PIMCO Municipal Income Fund II Schedule of Investments

May 31, 2007			
Principal			
Amount		Credit Rating	
(000)		(Moody∏s/S&P)*	Value
	Illinois ☐19.3%		
	Central Lake Cnty. Water Agcy. Rev., Ser. A (AMBAC),		
\$ 3,610	5.125%, 5/1/28, Ser. A	Aaa/NR	\$ 3,766,313
8,150	5.125%, 5/1/32, Ser. A, (Pre-refunded @ \$100,		
	11/1/12) (b)	Aaa/NR	8,652,448
5,050	Chicago, GO, 5.125%, 1/1/29 Ser. A (FGIC),	Aaa/AAA	5,171,250
	Chicago, Lake Shore East, Special Assessment,		
3,162	6.625%, 12/1/22	NR/NR	3,408,288
6,700	6.75%, 12/1/32	NR/NR	7,234,660
	Chicago Board of Education School Reform, GO (FGIC),		
15,535	zero coupon, 12/1/16, Ser. A	Aaa/AAA	10,413,577
5,000	zero coupon, 12/1/28, Ser. A	Aaa/AAA	1,850,300
4,500	zero coupon, 12/1/31	Aaa/AAA	1,439,100
	Chicago City Colleges, GO (FGIC),		
32,670	zero coupon, 1/1/37	Aaa/AAA	8,151,492
29,145	zero coupon, 1/1/38	Aaa/AAA	6,917,857
32,670	zero coupon, 1/1/39	Aaa/AAA	7,375,252
7,000	Chicago Midway Airport Rev., 5.00%, 1/1/31, Ser. B (MBIA)	Aaa/AAA	7,135,730
5,000	Cicero, GO, 5.25%, 12/1/31 (MBIA)	Aaa/AAA	5,289,650
	Dev. Finance Auth. Retirement Housing Rev., Regency Park,		
10,000	zero coupon, 7/15/23	NR/AAA	4,851,700
134,650	zero coupon, 7/15/25	NR/AAA	59,400,848
	Health Facs. Auth. Rev.,		
5,000	Condell Medical Center, 5.50%, 5/15/32	Baa2/NR	5,156,700
20,100	Elmhurst Memorial Healthcare, 5.625%, 1/1/28	A2/NR	21,142,185
	Metropolitan Pier & Exposition Auth. Rev. (MBIA),		
60,000	zero coupon, 12/15/30	Aaa/AAA	20,532,600
50,000	zero coupon, 12/15/33	Aaa/AAA	14,847,000
2,460	zero coupon, 6/15/38	Aaa/AAA	589,096
4,500	Schaumburg, GO, 5.00%, 12/1/41, Ser. B (FGIC)	Aaa/AAA	4,641,705
10,000	Springfield Rev., 5.00%, 3/1/35 (MBIA)	Aaa/AA	