EATON VANCE CALIFORNIA MUNICIPAL INCOME TRUST Form N-CSRS July 27, 2015

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: 811-09157

Eaton Vance California Municipal Income Trust

(Exact Name of Registrant as Specified in Charter)

Two International Place, Boston, Massachusetts 02110 (Address of Principal Executive Offices)

Maureen A. Gemma

Two International Place, Boston, Massachusetts 02110

(Name and Address of Agent for Services)

(617) 482-8260

(Registrant s Telephone Number)

November 30

Date of Fiscal Year End

May 31, 2015

Date of Reporting Period

Item 1. Reports to Stockholders

Municipal Income Trusts

Semiannual Report

May 31, 2015

California (CEV) Massachusetts (MMV) Michigan (EMI) New Jersey (EVJ) New York (EVY) Ohio (EVO) Pennsylvania (EVP) **Commodity Futures Trading Commission Registration.** Effective December 31, 2012, the Commodity Futures Trading Commission (CFTC) adopted certain regulatory changes that subject registered investment companies and advisers to regulation by the CFTC if a fund invests more than a prescribed level of its assets in certain CFTC-regulated instruments (including futures, certain options and swap agreements) or markets itself as providing investment exposure to such instruments. Each Fund has claimed an exclusion from the definition of the term commodity pool operator under the Commodity Exchange Act. Accordingly, neither the Funds nor the adviser with respect to the operation of the Funds is subject to CFTC regulation. Because of its management of other strategies, each Fund s adviser is registered with the CFTC as a commodity pool operator and a commodity trading advisor.

Fund shares are not insured by the FDIC and are not deposits or other obligations of, or guaranteed by, any depository institution. Shares are subject to investment risks, including possible loss of principal invested.

Semiannual Report May 31, 2015

Eaton Vance

Municipal Income Trusts

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California Municipal Income Trust

May 31, 2015

Performance^{1,2}

Portfolio Manager Craig R. Brandon, CFA

% Average Annual Total Returns	Inception Date	Six Months	One Year	Five Years	Ten	Years
Fund at NAV	01/29/1999	1.48%	7.50%	8.16%		5.02%
Fund at Market Price		6.44	10.33	7.02		5.16
Barclays Long (22+) Year Municipal Bond Index		1.32%	5.31%	6.07%		4.96%
% Premium/Discount to NAV ³						
						5.61%
Distributions ⁴						
Total Distributions per share for the period					\$	0.368
Distribution Rate at NAV						5.29%
Taxable-Equivalent Distribution Rate at NAV						10.78%
Distribution Rate at Market Price						5.61%
Taxable-Equivalent Distribution Rate at Market Price						11.43%
% Total Leverage ⁵						

// Total Levelage	
Auction Preferred Shares (APS)	30.26%
Residual Interest Bond (RIB) Financing	8.66
Fund Profile	

See Endnotes and Additional Disclosures in this report.

Past performance is no guarantee of future results. Returns are historical and are calculated by determining the percentage change in net asset value (NAV) or market price (as applicable) with all distributions reinvested and includes management fees and other expenses. Fund performance at market price will differ from its results at NAV due to factors such as changing perceptions about the Fund, market conditions, fluctuations in supply and demand for Fund shares, or changes in Fund distributions. Investment return and principal value will fluctuate so that shares, when sold, may be worth more or less than their original cost. Performance less than one year is cumulative. Performance is for the stated time period only; due to market volatility, current Fund performance may be lower or higher than the quoted return. For performance as of the most recent month-end, please refer to eatonvance.com.

Massachusetts Municipal Income Trust

May 31, 2015

Performance^{1,2}

Portfolio Manager Craig R. Brandon, CFA

% Average Annual Total Returns	Inception Date	Six Months	One Year	Five Years	Ter	Years
Fund at NAV	01/29/1999	1.52%	5.55%	6.87%		5.28%
Fund at Market Price		4.07	5.12	4.05		3.97
Barclays Long (22+) Year Municipal Bond Index		1.32%	5.31%	6.07%		4.96%
% Premium/Discount to NAV ³						
						9.87%
Distributions ⁴						
Total Distributions per share for the period					\$	0.343
Distribution Rate at NAV						4.58%
Taxable-Equivalent Distribution Rate at NAV						8.53%
Distribution Rate at Market Price						5.08%
Taxable-Equivalent Distribution Rate at Market Price						9.46%
% Total Leverage ⁵						

/ Total Beverage	
APS	31.11%
RIB Financing	5.25
Fund Profile	

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Michigan Municipal Income Trust

May 31, 2015

Performance^{1,2}

Portfolio Manager Thomas M. Metzold, CFA

% Average Annual Total Returns	Inception Date	Six Months	One Year	Five Years	Ten	Years
Fund at NAV	01/29/1999	2.16%	7.86%	7.98%		5.62%
Fund at Market Price		4.14	6.67	6.47		3.71
Barclays Long (22+) Year Municipal Bond Index		1.32%	5.31%	6.07%		4.96%
% Premium/Discount to NAV ³						
						12.61%
Distributions ⁴						
Total Distributions per share for the period					\$	0.355
Distribution Rate at NAV						4.87%
Taxable-Equivalent Distribution Rate at NAV						8.99%
Distribution Rate at Market Price						5.58%
Taxable-Equivalent Distribution Rate at Market Price						10.30%
% Total Leverage ⁵						

% Total Leverage ³	
APS	37.16%
Fund Profile	

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New Jersey Municipal Income Trust

May 31, 2015

Performance^{1,2}

Portfolio Manager Adam A. Weigold, CFA

% Average Annual Total Returns	Inception Date	Six Months	One Year	Five Years	Ten Years
Fund at NAV	01/29/1999	0.96%	4.47%	6.05%	5.01%
Fund at Market Price		1.77	1.48	2.77	4.08
Barclays Long (22+) Year Municipal Bond Index		1.32%	5.31%	6.07%	4.96%
% Premium/Discount to NAV ³					
					11.82%
Distributions ⁴					
Total Distributions per share for the period					\$ 0.364
Distribution Rate at NAV					5.28%
Taxable-Equivalent Distribution Rate at NAV					10.25%
Distribution Rate at Market Price					5.99%
Taxable-Equivalent Distribution Rate at Market Price					11.63%
% Total Leverage ⁵					

/o Total Boverage	
APS	33.11%
RIB Financing	3.45
Fund Profile	

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New York Municipal Income Trust

May 31, 2015

Performance^{1,2}

Portfolio Manager Craig R. Brandon, CFA

% Average Annual Total Returns	Inception Date	Six Months	One Year	Five Years	Ten Years	
Fund at NAV	01/29/1999	2.03%	6.84%	7.88%	5.28%	
Fund at Market Price		1.37	1.37	5.97	4.62	
Barclays Long (22+) Year Municipal Bond Index		1.32%	5.31%	6.07%	4.96%	
% Premium/Discount to NAV ³						
					6.519	6
Distributions ⁴						
Total Distributions per share for the period					\$ 0.410	
Distribution Rate at NAV					5.67%	
Taxable-Equivalent Distribution Rate at NAV					10.99%	
Distribution Rate at Market Price					6.07%	
Taxable-Equivalent Distribution Rate at Market Price					11.76%	

% Total Leverage ⁵	
APS	25.80%
RIB Financing	13.69
Fund Profile	

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Ohio Municipal Income Trust

May 31, 2015

Performance^{1,2}

Portfolio Manager Thomas M. Metzold, CFA

% Average Annual Total Returns	Inception Date	Six Months	One Year	Five Years	Ten	Years
Fund at NAV	01/29/1999	2.00%	7.18%	7.85%		5.61%
Fund at Market Price		1.01	2.04	5.60		4.58
Barclays Long (22+) Year Municipal Bond Index		1.32%	5.31%	6.07%		4.96%
% Premium/Discount to NAV ³						
70 Fremult/Discount to NAV						10.96%
						10.90%
Distributions ⁴						
Total Distributions per share for the period					\$	0.366
Distribution Rate at NAV						4.86%
Taxable-Equivalent Distribution Rate at NAV						9.07%
Distribution Rate at Market Price						5.46%
Taxable-Equivalent Distribution Rate at Market Price						10.19%
% Total Leverage ⁵						

// Total Develage	
APS	33.83%
RIB Financing	2.17
Fund Profile	

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Pennsylvania Municipal Income Trust

May 31, 2015

Performance^{1,2}

Portfolio Manager Adam A. Weigold, CFA

% Average Annual Total Returns	Inception Date	Six Months	One Year	Five Years	Ten Years
Fund at NAV	01/29/1999	2.32%	6.74%	6.32%	5.21%
Fund at Market Price		3.75	1.72	3.85	3.54
Barclays Long (22+) Year Municipal Bond Index		1.32%	5.31%	6.07%	4.96%
_					
% Premium/Discount to NAV ³					
					12.16%
Distributions ⁴					
Total Distributions per share for the period					\$ 0.363
Distribution Rate at NAV					5.26%
Taxable-Equivalent Distribution Rate at NAV					9.59%
Distribution Rate at Market Price					5.99%
Taxable-Equivalent Distribution Rate at Market Price					10.92%
% Total Leverage ⁵					

/ Total Develage	
APS	36.15%
RIB Financing	1.28
Fund Profile	

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Municipal Income Trusts

May 31, 2015

Endnotes and Additional Disclosures

- ¹ Barclays Long (22+) Year Municipal Bond Index is an unmanaged index of municipal bonds traded in the U.S. with maturities of 22 years or more. Unless otherwise stated, index returns do not reflect the effect of any applicable sales charges, commissions, expenses, taxes or leverage, as applicable. It is not possible to invest directly in an index.
- ² Performance results reflect the effects of leverage. Performance since inception for an index, if presented, is the performance since the Fund s or oldest share class inception, as applicable.
- ³ The shares of the Fund often trade at a discount or premium from their net asset value. The discount or premium of the Fund may vary over time and may be higher or lower than what is quoted in this report. For up-to-date premium/discount information, please refer to http://eatonvance.com/closedend.
- ⁴ The Distribution Rate is based on the Fund s last regular distribution per share in the period (annualized) divided by the Fund s NAV or market price at the end of the period. The Fund s distributions may be comprised of amounts characterized for federal income tax purposes as tax-exempt income, qualified and non-qualified ordinary dividends, capital gains and nondividend distributions, also known as return of capital. The Fund will determine the federal income tax character of distributions paid to a shareholder after the end of the calendar year. This is reported on the IRS form 1099-DIV and provided to the shareholder shortly after each year-end. For information about the tax character of distributions made in prior calendar years, please refer to Performance-Tax Character of Distributions on the Fund s long-term return potential. As portfolio and market conditions change, the rate of distributions paid by the Fund could change. Taxable-equivalent performance is based on the highest combined federal and state income tax rates, where applicable. Lower tax rates would result in lower tax-equivalent performance. Actual tax rates will vary depending on your income, exemptions and deductions. Rates do not include local taxes.
- ⁵ Fund employs RIB financing and/or APS leverage. The leverage created by RIB investments and APS provides an opportunity for increased income but, at the same time, creates special risks (including the likelihood of greater price volatility). The cost of leverage rises and falls with changes in short-term interest rates. See Floating Rate Notes Issued in Conjunction with Securities Held in the notes to the financial statements for more information about RIB financing. RIB leverage represents the amount of Floating Rate Notes outstanding at period end as a percentage of Fund net assets applicable to common shares plus APS and Floating Rate Notes. APS leverage represents the liquidation value of the Fund s APS outstanding at period end as a percentage of Fund net assets applicable to common shares plus APS and Floating Rate Notes. The Fund may be required to maintain prescribed asset coverage for its leverage and may be required to reduce its leverage at an inopportune time. Floating Rate Notes in both calculations reflect the effect of RIBs purchased in secondary market transactions, if applicable.
- ⁶ Ratings are based on Moody s, S&P or Fitch, as applicable. If securities are rated differently by the ratings agencies, the higher rating is applied. Ratings, which are subject to change, apply to the creditworthiness of the issuers of the underlying securities and not to the Fund or its shares. Credit ratings measure the quality of a bond based on the issuer s creditworthiness, with ratings ranging from AAA, being the highest, to D, being the lowest based on S&P s measures. Ratings of BBB or higher by S&P or Fitch (Baa or higher by Moody s) are considered to be investment-grade quality. Credit ratings are based largely on the ratings agency s analysis at the time of rating. The rating assigned to any particular security is not necessarily a reflection of the issuer s current financial condition and does not necessarily reflect its assessment of the volatility of a security s market value or of the liquidity of an investment in the security. Holdings designated as Not Rated are not rated by the national ratings agencies stated above.

⁷ The chart includes the municipal bonds held by a trust that issues residual interest bonds, consistent with the Portfolio of Investments.

Fund profile subject to change due to active management. Important Notice to Shareholders

Effective July 31, 2015, the Michigan Municipal Income Trust and the Ohio Municipal Income Trust are managed by Cynthia J. Clemson.

California Municipal Income Trust

May 31, 2015

Portfolio of Investments (Unaudited)

Tax-Exempt Municipal Securities 156.3%

Security	Principal Amount s omitted)		Value
Education 15.6% California Educational Facilities Authority, (Claremont McKenna College), 5.00%, 1/1/39 California Educational Facilities Authority, (Harvey Mudd College), 5.25%, 12/1/31 California Educational Facilities Authority, (Harvey Mudd College), 5.25%, 12/1/36	\$ 3,135 195 330	1	451,071 221,494 371,095
California Educational Facilities Authority, (Loyola Marymount University), 5.00%, 10/1/30 California Educational Facilities Authority, (Santa Clara University), 5.00%, 9/1/23 California Educational Facilities Authority, (University of San Francisco), 6.125%, 10/1/36	745 1,600 235	1,9	836,799 906,240 286,143
California Educational Facilities Authority, (University of Southern California), 5.25%, 10/1/39 California Educational Facilities Authority, (University of the Pacific), 5.00%, 11/1/30 California Municipal Finance Authority, (University of San Diego), 5.00%, 10/1/31	2,490 630 415	2	777,620 707,786 470,278
California Municipal Finance Authority, (University of San Diego), 5.00%, 10/1/35 California Municipal Finance Authority, (University of San Diego), 5.25%, 10/1/26 California Municipal Finance Authority, (University of San Diego), 5.25%, 10/1/27 California Municipal Finance Authority, (University of San Diego), 5.25%, 10/1/28	285 810 850 895	ç	318,804 955,533 996,132 043,704
University of California, 5.25%, 5/15/39 University of California, Prerefunded to 5/15/19, 5.25%, 5/15/39	1,045 205	1,1	181,132 237,519
		\$ 15,7	761,350
Electric Utilities 14.3% Chula Vista, (San Diego Gas and Electric), 5.875%, 2/15/34 Chula Vista, (San Diego Gas and Electric), (AMT), 5.00%, 12/1/27	\$ 270 2,275		315,538 373,735

Chula Vista, (San Diego Gas and Electric), (AMT), 5.00%, 12/1/27	2,275	2,373,735
Colton Public Financing Authority, Electric System Revenue, 5.00%, 4/1/27	1,500	1,699,560
Los Angeles Department of Water and Power, Electric System Revenue, 5.25%, 7/1/32	2,170	2,420,657
Northern California Power Agency, 5.25%, 8/1/24	1,500	1,688,355
Sacramento Municipal Utility District, 5.00%, 8/15/27	1,	