

EATON VANCE SENIOR INCOME TRUST
Form N-Q
November 29, 2006

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

Form N-Q

**QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED
MANAGEMENT INVESTMENT COMPANIES**

Investment Company Act File Number

811-09013

Eaton Vance Senior Income Trust

(Exact Name of Registrant as Specified in Charter)

**The Eaton Vance Building,
255 State Street, Boston, Massachusetts**
(Address of Principal Executive Offices)

02109
(Zip code)

Alan R. Dynner, Esq.

Eaton Vance Management, 255 State Street, Boston, Massachusetts 02109
(Name and Address of Agent for Services)

Registrant's Telephone Number, Including Area Code:
Date of Fiscal Year End:
Date of Reporting Period:

(617) 482-8260
June 30
September 30, 2006

Item 1. Schedule of Investments

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Eaton Vance Senior Income Trust

as of September 30, 2006

PORTFOLIO OF INVESTMENTS (Unaudited)

Senior, Floating Rate Interests 146.4% (1)

Principal Amount	Borrower/Tranche Description	Value
Aerospace and Defense 3.2%		
\$ 297,500	Alliant Techsystems, Inc. Term Loan, 6.46%, Maturing March 31, 2009	\$ 297,996
1,372,075	Awac Capital, Inc. Term Loan, 11.44%, Maturing March 22, 2013	1,378,936
1,275,000	Delta Air Lines, Inc. Term Loan, 12.77%, Maturing March 16, 2008	1,312,612
228,107	Dresser Rand Group, Inc. Term Loan, 7.41%, Maturing October 29, 2011	229,504
547,250	DRS Technologies, Inc. Term Loan, 6.85%, Maturing January 31, 2013	549,217
531,635	Hexcel Corp. Term Loan, 7.23%, Maturing March 1, 2012	532,964
521,063	IAP Worldwide Services, Inc. Term Loan, 8.44%, Maturing December 30, 2012	524,753
816,144	K&F Industries, Inc. Term Loan, 7.33%, Maturing November 18, 2012	818,312
743,120	Spirit Aerosystems, Inc. Term Loan, 7.75%, Maturing December 31, 2011	748,415
1,024,930	Standard Aero Holdings, Inc. Term Loan, 7.60%, Maturing August 24, 2012	1,025,571
875,000	Transdigm, Inc. Term Loan, 7.39%, Maturing June 23, 2013	879,511
1,116,306	Vought Aircraft Industries, Inc. Term Loan, 7.88%, Maturing December 17, 2011	1,125,725
362,670	Wam Aquisition, S.A. Term Loan, 8.12%, Maturing April 8, 2013	365,514
362,670	Term Loan, 8.62%, Maturing April 8, 2014	366,915
		\$ 10,155,945
Air Transport 0.6%		
1,150,000	Northwest Airlines, Inc. Dip Loan, 7.90%, Maturing August 21, 2008	1,152,875
105,719	United Airlines, Inc. Term Loan, 9.13%, Maturing February 1, 2012	107,382
740,031	Term Loan, 9.25%, Maturing February 1, 2012	751,671
		\$ 2,011,928
Automotive 6.3%		
1,096,630	Accuride Corp. Term Loan, 7.44%, Maturing January 31, 2012	1,099,782
298,389	Affina Group, Inc. Term Loan, 8.50%, Maturing November 30, 2011	299,975

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	Axletech International Holding, Inc.	
\$ 925,000	Term Loan, 12.01%, Maturing April 21, 2013	\$ 932,708
	CSA Acquisition Corp.	
261,658	Term Loan, 7.88%, Maturing December 23, 2011	262,271
485,363	Term Loan, 7.88%, Maturing December 23, 2011	486,500
	Dana Corp.	
575,000	DIP Loan, 7.65%, Maturing April 13, 2008	575,300
	Dayco Products, LLC	
1,097,250	Term Loan, 8.02%, Maturing June 21, 2011	1,101,822
	Dura Operating Corp.	
700,000	Term Loan, 9.08%, Maturing May 3, 2011	621,250
	Exide Technologies, Inc.	
442,792	Term Loan, 11.75%, Maturing May 5, 2010	464,931
448,218	Term Loan, 11.75%, Maturing May 5, 2010	470,629
	Federal-Mogul Corp.	
1,500,000	Term Loan, 7.83%, Maturing December 9, 2006	1,453,437
763,183	Term Loan, 9.08%, Maturing December 9, 2006	767,476
	Goodyear Tire & Rubber Co.	
470,000	Term Loan, 5.23%, Maturing April 30, 2010	471,077
1,580,000	Term Loan, 7.95%, Maturing April 30, 2010	1,592,345
500,000	Term Loan, 8.70%, Maturing March 1, 2011	506,614
	HLI Operating Co., Inc.	
905,558	Term Loan, 8.98%, Maturing June 3, 2009	913,670
	Insurance Auto Auctions, Inc.	
423,370	Term Loan, 7.90%, Maturing May 19, 2012 (2)	425,884
	Key Automotive Group	
891,503	Term Loan, 8.85%, Maturing June 29, 2010	895,960
	Keystone Automotive Operations, Inc.	
870,625	Term Loan, 7.86%, Maturing October 30, 2010	872,257
	R.J. Tower Corp.	
1,175,000	DIP Revolving Loan, 8.69%, Maturing February 2, 2007	1,146,464
	Tenneco Automotive, Inc.	
1,194,224		