

EATON VANCE SENIOR INCOME TRUST
Form N-Q
November 29, 2007

**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:

(617) 482-8260

Date of Fiscal Year End:

June 30

Date of Reporting Period:

September 30, 2007

Item 1. Schedule of Investments

Eaton Vance Senior Income Trust

as of September 30, 2007

PORTFOLIO OF INVESTMENTS (Unaudited)

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Senior Floating-Rate Interests 159.0% (1)

Principal Amount		Borrower/Tranche Description	Value
Aerospace and Defense 2.7%			
		Colt Defense, LLC	
\$ 498,750		Term Loan, 8.38%, Maturing July 9, 2014	\$ 495,633
		DAE Aviation Holdings, Inc.	
258,333		Term Loan, Maturing July 31, 2009 (2)	258,656
516,667		Term Loan, Maturing July 31, 2014 (2)	517,312
		Evergreen International Aviation	
999,765		Term Loan, 8.63%, Maturing October 31, 2011	974,771
		Hawker Beechcraft Acquisition	
91,667		Term Loan, 5.26%, Maturing March 26, 2014	89,451
1,077,917		Term Loan, 7.19%, Maturing March 26, 2014	1,051,867
		Hexcel Corp.	
276,396		Term Loan, 7.19%, Maturing March 1, 2012	269,486
		IAP Worldwide Services, Inc.	
515,813		Term Loan, 11.50%, Maturing December 30, 2012	448,241
		Spirit AeroSystems, Inc.	
627,671		Term Loan, 7.11%, Maturing December 31, 2011	624,533
		TransDigm, Inc.	
1,375,000		Term Loan, 7.20%, Maturing June 23, 2013	1,351,511
		Vought Aircraft Industries, Inc.	
1,105,624		Term Loan, 7.63%, Maturing December 17, 2011	1,089,039
		Wesco Aircraft Hardware Corp.	
972,500		Term Loan, 7.45%, Maturing September 29, 2013	957,912
			\$ 8,128,412
Air Transport 1.2%			
		Airport Development and Investment, Ltd.	
GBP 1,000,000		Term Loan, 10.03%, Maturing April 7, 2011	\$ 1,978,141
		Delta Air Lines, Inc.	
650,000		Term Loan, 8.61%, Maturing April 30, 2014	631,584
		Northwest Airlines, Inc.	
1,138,500		DIP Loan, 7.15%, Maturing August 21, 2008	1,086,414
			\$ 3,696,139
Automotive 5.7%			
		Accuride Corp.	
\$ 862,448		Term Loan, 7.87%, Maturing January 31, 2012	\$ 845,199
		Adesa, Inc.	
2,219,438		Term Loan, 7.45%, Maturing October 18, 2013	2,142,947
		Affina Group, Inc.	
284,032		Term Loan, 8.36%, Maturing November 30, 2011	279,417
		Allison Transmission, Inc.	
1,600,000		Term Loan, 8.54%, Maturing September 30, 2014	1,556,000

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		AxleTech International Holding, Inc.	
\$	925,000	Term Loan, 11.86%, Maturing April 21, 2013	\$ 906,500
		CSA Acquisition Corp.	
	179,445	Term Loan, 7.75%, Maturing December 23, 2011	176,025
	448,511	Term Loan, 7.75%, Maturing December 23, 2011	439,962
		Dana Corp.	
	1,275,000	Term Loan, 7.98%, Maturing March 30, 2008	1,269,687
		Dayco Products, LLC	
	1,059,851	Term Loan, 7.79%, Maturing June 21, 2011	1,031,588
		Federal-Mogul Corp.	
	1,500,000	Term Loan, 7.59%, Maturing December 31, 2007	1,450,125
		Ford Motor Co.	
	942,875	Term Loan, 8.70%, Maturing December 15, 2013	916,684
		General Motors Corp.	
	1,269,872	Term Loan, 7.74%, Maturing November 29, 2013	1,235,348
		Goodyear Tire & Rubber Co.	
	1,300,000	Term Loan, 6.85%, Maturing April 30, 2010	1,262,625
		HLI Operating Co., Inc.	
EUR	378,182	Term Loan, 6.87%, Maturing May 30, 2014	514,973
EUR	21,818	Term Loan, 7.21%, Maturing May 30, 2014	30,253
		Keystone Automotive Operations, Inc.	
	471,438	Term Loan, 8.88%, Maturing January 12, 2012	436,669
		The Hertz Corp.	
	216,667	Term Loan, 5.24%, Maturing December 21, 2012	213,708
	1,207,274	Term Loan, 7.56%, Maturing December 21, 2012	1,190,790
		TriMas Corp.	
	126,563	Term Loan, 8.05%, Maturing August 2, 2011	123,398
	542,953	Term Loan, 7.61%, Maturing August 2, 2013	529,379
		United Components, Inc.	
	698,864	Term Loan, 7.38%, Maturing June 30, 2010	683,139
			\$ 17,234,416
		Beverage and Tobacco 1.0%	
		Constellation Brands, Inc.	
\$	720,000	Term Loan, 7.16%, Maturing June 5, 2013	\$ 712,221
		Culligan International Co.	
EUR	500,000	Term Loan, 9.35%, Maturing May 31, 2013	639,967
	498,750	Term Loan, 7.42%, Maturing November 24, 2014	470,695
		Southern Wine & Spirits of America, Inc.	
	1,086,181	Term Loan, 6.70%, Maturing May 31, 2012	1,078,375
			\$ 2,901,258
		Brokers, Dealers and Investment Houses 0.3%	
		AmeriTrade Holding Corp.	
\$	1,025,427	Term Loan, 6.63%, Maturing December 31, 2012	\$ 1,013,891
			\$ 1,013,891

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Building and Development 6.2%		
	AIMCO Properties, L.P.	
\$ 2,050,000	Term Loan, 6.86%, Maturing March 23, 2011	\$ 2,005,156
	Beacon Sales Acquisition, Inc.	
372,188	Term Loan, 7.39%, Maturing September 30, 2013	357,300
	Building Materials Corp. of America	
744,389	Term Loan, 8.13%, Maturing February 22, 2014	687,629
	Capital Automotive REIT	
674,441	Term Loan, 7.42%, Maturing December 16, 2010	665,251
	Epco / Fantome, LLC	
792,000	Term Loan, 7.98%, Maturing November 23, 2010	793,980
	Hovstone Holdings, LLC	
521,828	Term Loan, 6.84%, Maturing February 28, 2009	474,863
	LNR Property Corp.	
1,500,000	Term Loan, 8.11%, Maturing July 3, 2011	1,456,249
	Metroflag BP, LLC	
300,000	Term Loan, 14.80%, Maturing July 1, 2008	300,750
	Mueller Water Products, Inc.	
706,272	Term Loan, 7.06%, Maturing May 24, 2014	695,237
	Nortek, Inc.	
921,500	Term Loan, 7.61%, Maturing August 27, 2011	889,248
	November 2005 Land Investors	
198,324	Term Loan, 7.88%, Maturing May 9, 2011	178,491
	Panolam Industries Holdings, Inc.	
718,289	Term Loan, 7.95%, Maturing September 30, 2012	689,557
	PLY GEM Industries, Inc.	
983,139	Term Loan, 7.95%, Maturing August 15, 2011	926,916
36,735	Term Loan, 7.95%, Maturing August 15, 2011	34,634
	Realogy Corp.	
477,273	Term Loan, 5.28%, Maturing September 1, 2014	448,159
1,768,295	Term Loan, 8.36%, Maturing September 1, 2014	1,660,429
	South Edge, LLC	
162,168	Term Loan, 6.94%, Maturing October 31, 2007	151,627
421,875	Term Loan, 7.19%, Maturing October 31, 2009	383,906
	Stile Acquisition Corp.	
563,706	Term Loan, 7.36%, Maturing April 6, 2013	532,233
	Stile U.S. Acquisition Corp.	
564,669	Term Loan, 7.36%, Maturing April 6, 2013	533,142
	Tousa/Kolter, LLC	
695,600	Term Loan, 8.51%, Maturing January 7, 2008	686,035
	TRU 2005 RE Holding Co.	
2,200,000	Term Loan, 8.67%, Maturing December 9, 2008	2,184,646
	United Subcontractors, Inc.	
450,000	Term Loan, 12.61%, Maturing June 27, 2013	430,875

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Wintergames Acquisition ULC		
\$	1,537,812	Term Loan, 7.18%, Maturing April 24, 2008
		\$ 1,522,434
		\$ 18,688,747
Business Equipment and Services 10.4%		
ACCO Brands Corp.		
\$	276,500	Term Loan, 7.23%, Maturing August 17, 2012
		\$ 272,122
Activant Solutions, Inc.		
	372,359	Term Loan, 7.38%, Maturing May 1, 2013
		356,534
Axiom Corp.		
	725,333	Term Loan, 7.50%, Maturing September 15, 2012
		714,453
Affiliated Computer Services		
	442,125	Term Loan, 7.13%, Maturing March 20, 2013
	1,160,313	Term Loan, 7.69%, Maturing March 20, 2013
		1,145,003
Affinion Group, Inc.		
	1,438,703	Term Loan, 7.99%, Maturing October 17, 2012
		1,411,128
Allied Security Holdings, LLC		
	674,545	Term Loan, 8.20%, Maturing June 30, 2010
		671,173
DynCorp International, LLC		
	574,651	Term Loan, 7.25%, Maturing February 11, 2011
		562,080
Education Management, LLC		
	2,084,595	Term Loan, 7.13%, Maturing June 1, 2013
		2,019,741
Info USA, Inc.		
	319,337	Term Loan, 7.20%, Maturing February 14, 2012
		312,152
ista International GmbH		
EUR	563,126	Term Loan, 6.34%, Maturing May 14, 2015
		739,730
EUR	111,874	Term Loan, 6.34%, Maturing May 14, 2015
		146,959
Kronos, Inc.		
	598,500	Term Loan, 7.45%, Maturing June 11, 2014
		572,316
Language Line, Inc.		
	423,101	Term Loan, 8.42%, Maturing June 11, 2011
		413,052
Mitchell International, Inc.		
	500,000	Term Loan, 10.50%, Maturing March 28, 2015
		470,000
N.E.W. Holdings I, LLC		
	540,075	Term Loan, 7.95%, Maturing May 22, 2014
		507,333
Protection One, Inc.		
	1,227,639	Term Loan, 7.79%, Maturing March 31, 2012
		1,203,086
Quantum Corp.		
	237,500	Term Loan, 8.70%, Maturing July 12, 2014
		233,937
Quintiles Transnational Corp.		
	900,000	Term Loan, 9.20%, Maturing March 31, 2014
		888,750
Sabre, Inc.		
	2,642,040	Term Loan, 7.36%, Maturing September 30, 2014
		2,517,533
Serena Software, Inc.		
	780,313	Term Loan, 7.34%, Maturing March 10, 2013
		751,051

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		Sitel (Client Logic)	
EUR	973,203	Term Loan, 6.91%, Maturing January 29, 2014	\$ 1,287,158
535,403		Term Loan, 7.78%, Maturing January 29, 2014	505,956
		Solera Holdings, LLC	
EUR	447,750	Term Loan, 6.75%, Maturing May 15, 2014	608,113
6,875,228		SunGard Data Systems, Inc.	
		Term Loan, 7.36%, Maturing February 11, 2013	6,770,312
		TDS Investor Corp.	
EUR	527,114	Term Loan, 6.98%, Maturing August 23, 2013	728,551
722,578		Term Loan, 7.45%, Maturing August 23, 2013	706,470
144,986		Term Loan, 7.45%, Maturing August 23, 2013	141,754
		Transaction Network Services, Inc.	
362,099		Term Loan, 7.48%, Maturing May 4, 2012	356,667
273,076		Valassis Communications, Inc.	
		Term Loan, 6.95%, Maturing March 2, 2014	254,985
875,000		VWR International, Inc.	
		Term Loan, 7.70%, Maturing June 28, 2013	833,437
		WAM Acquisition, S.A.	
EUR	153,716	Term Loan, 6.57%, Maturing May 4, 2014	209,932
EUR	96,284	Term Loan, 6.57%, Maturing May 4, 2014	131,524
EUR	153,716	Term Loan, 6.82%, Maturing May 4, 2015	210,888
EUR	96,284	Term Loan, 6.82%, Maturing May 4, 2015	132,072
		West Corp.	
1,806,784		Term Loan, 7.61%, Maturing October 24, 2013	1,776,295
		Williams Scotsman, Inc.	
500,000		Term Loan, 6.64%, Maturing June 27, 2010	496,250
			\$ 31,494,789
Cable and Satellite Television	10.4%		
		Atlantic Broadband Finance, LLC	
\$	1,749,190	Term Loan, 7.45%, Maturing February 10, 2011	\$ 1,721,203
		Bragg Communications, Inc.	
1,200,000		Term Loan, 8.06%, Maturing August 31, 2014	1,201,500
		Bresnan Broadband Holdings, LLC	
1,500,000		Term Loan, 7.36%, Maturing March 29, 2014	1,463,571
650,000		Term Loan, 9.95%, Maturing March 29, 2014	632,666
		Cequel Communications, LLC	
875,000		Term Loan, 9.86%, Maturing May 5, 2014	855,312
1,782,795		Term Loan, 11.36%, Maturing May 5, 2014	1,746,248
		Charter Communications Operating, Inc.	
6,109,362		Term Loan, 7.36%, Maturing April 28, 2013	5,912,989
		CSC Holdings, Inc.	
1,580,000		Term Loan, 7.57%, Maturing March 29, 2013	1,560,842
		CW Media Holdings, Inc.	
325,000		Term Loan, Maturing February 15, 2015 (2)	323,375
		Insight Midwest Holdings, LLC	
2,875,000		Term Loan, 7.11%, Maturing April 6, 2014	2,824,688

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		Mediacom Broadband Group	
\$	828,925	Term Loan, 6.88%, Maturing January 31, 2015	\$ 801,689
		Mediacom Illinois, LLC	
	1,960,188	Term Loan, 6.88%, Maturing January 31, 2015	1,892,281
		NTL Investment Holdings, Ltd.	
GBP	331,461	Term Loan, 8.29%, Maturing March 30, 2012	648,582
GBP	168,539	Term Loan, 8.29%, Maturing March 30, 2012	329,787
		Orion Cable GmbH	
EUR	450,000	Term Loan, 7.03%, Maturing October 31, 2014	625,035
EUR	450,000	Term Loan, 7.98%, Maturing October 31, 2015	628,848
		ProSiebenSat.1 Media AG	
EUR	843,401	Term Loan, 7.08%, Maturing March 2, 2015 (2)	1,097,919
EUR	11,076	Term Loan, 6.55%, Maturing June 26, 2015	14,961
EUR	272,924	Term Loan, 6.55%, Maturing June 26, 2015	368,642
EUR	843,401	Term Loan, 7.33%, Maturing March 2, 2016 (2)	1,104,613
EUR	242,531	Term Loan, 8.45%, Maturing September 2, 2016	315,885
EUR	200,303	Term Loan, 7.78%, Maturing March 2, 2017 (4)	272,992
		UPC Broadband Holding B.V.	
EUR	2,175,000	Term Loan, 6.30%, Maturing June 30, 2009	2,953,553
	1,050,000	Term Loan, 7.13%, Maturing October 16, 2011	1,007,672
		Ypso Holding SA	
EUR	1,000,000	Term Loan, 7.18%, Maturing July 28, 2015	1,368,067
			\$ 31,672,920
Chemicals and Plastics	10.9%		
		Brenntag Holding GmbH and Co. KG	
\$	196,364	Term Loan, 7.39%, Maturing December 23, 2013	\$ 189,573
	803,636	Term Loan, 7.39%, Maturing December 23, 2013	775,844
	600,000	Term Loan, 9.39%, Maturing December 23, 2015	576,000
		Celanese Holdings, LLC	
	2,269,313	Term Loan, 7.11%, Maturing April 2, 2014	2,228,358
		Cognis GmbH	
EUR	401,639	Term Loan, 6.73%, Maturing September 15, 2013	533,493
EUR	98,361	Term Loan, 6.73%, Maturing September 15, 2013	130,651
		Foamex L.P.	
	1,411,765	Term Loan, 7.68%, Maturing February 12, 2013	1,328,235
		Georgia Gulf Corp.	
	495,875	Term Loan, 8.30%, Maturing October 3, 2013	485,441
		Hercules, Inc.	
	333,750	Term Loan, 7.25%, Maturing October 8, 2010	328,049
		Hexion Specialty Chemicals, Inc.	
	500,000	Term Loan, 7.63%, Maturing May 5, 2012	493,945
	520,324	Term Loan, 7.50%, Maturing May 5, 2013	514,023
	2,401,347	Term Loan, 7.63%, Maturing May 5, 2013	2,372,269
		Huish Detergents, Inc.	
	498,750	Term Loan, 7.20%, Maturing April 26, 2014	472,566

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		INEOS Group	
\$	1,361,250	Term Loan, 7.36%, Maturing December 14, 2013	\$ 1,346,787
	1,361,250	Term Loan, 7.86%, Maturing December 14, 2014	1,346,787
		Innophos, Inc.	
	307,159	Term Loan, 7.38%, Maturing August 10, 2010	304,087
		Invista B.V.	
	1,400,081	Term Loan, 6.70%, Maturing April 29, 2011	1,376,746
	742,142	Term Loan, 6.70%, Maturing April 29, 2011	729,772
		ISP Chemco, Inc.	
	1,396,500	Term Loan, 7.27%, Maturing June 4, 2014	1,353,296
		Kleopatra	
EUR	300,000	Term Loan, 6.70%, Maturing January 3, 2016	396,780
	450,000	Term Loan, 7.85%, Maturing January 3, 2016	425,250
		Kranton Polymers, LLC	
	1,287,114	Term Loan, 7.38%, Maturing May 12, 2013	1,261,371
		Lucite International Group Holdings	
	329,041	Term Loan, 7.45%, Maturing July 7, 2013	324,928
	116,502	Term Loan, 7.45%, Maturing July 7, 2013	115,046
		Lyondell Chemical Co.	
	2,079,000	Term Loan, 6.63%, Maturing August 16, 2013	2,070,229
		MacDermid, Inc.	
EUR	497,500	Term Loan, 6.98%, Maturing April 12, 2014	672,144
		Millenium Inorganic Chemicals	
	200,000	Term Loan, 7.45%, Maturing April 30, 2014	192,750
	500,000	Term Loan, 10.95%, Maturing October 31, 2014	477,500
		Momentive Performance Material	
	1,141,375	Term Loan, 7.81%, Maturing December 4, 2013	1,117,834
		Mosaic Co.	
	252,650	Term Loan, 6.94%, Maturing December 21, 2012	251,834
		Nalco Co.	
	2,731,885	Term Loan, 7.27%, Maturing November 4, 2010	2,715,379
		Professional Paint, Inc.	
	395,000	Term Loan, 8.05%, Maturing May 31, 2012	372,287
		Propex Fabrics, Inc.	
	425,334	Term Loan, 8.58%, Maturing July 31, 2012	361,534
		Rockwood Specialties Group, Inc.	
	2,276,625	Term Loan, 6.86%, Maturing December 10, 2012	2,220,816
		Solo Cup Co.	
	1,269,881	Term Loan, 8.94%, Maturing February 27, 2011	1,261,491
		Solutia, Inc.	
	1,039,652	DIP Loan, 8.36%, Maturing March 31, 2008	1,036,728
		Wellman, Inc.	
	900,000	Term Loan, 9.36%, Maturing February 10, 2009	880,425
			\$ 33,040,248

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Clothing/Textiles 0.9%		
		Hanesbrands, Inc.
\$ 872,500	Term Loan, 7.09%, Maturing September 5, 2013	\$ 862,139
450,000	Term Loan, 9.11%, Maturing March 5, 2014	452,625
		St. John Knits International, Inc.
671,544	Term Loan, 8.20%, Maturing March 23, 2012	661,471
		The William Carter Co.
737,096	Term Loan, 6.80%, Maturing July 14, 2012	726,193
		\$ 2,702,428
Conglomerates 4.4%		
		Amsted Industries, Inc.
\$ 928,857	Term Loan, 7.38%, Maturing October 15, 2010	\$ 916,085
		Blount, Inc.
341,288	Term Loan, 7.26%, Maturing August 9, 2010	334,889
		Brickman Group Holdings, Inc.
796,000	Term Loan, 7.14%, Maturing January 23, 2014	