

EATON VANCE SENIOR INCOME TRUST
Form N-CSR
August 28, 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 811-09013

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
The Eaton Vance Building, 255 State Street, Boston, Massachusetts 02109
(Name and address of agent for service)

Registrant's telephone number, including area code: (617) 482-8260

Date of fiscal year June 30
end:

Date of reporting period: June 30, 2007

Item 1. Reports to Stockholders

Annual Report June 30, 2007

EATON VANCE
SENIOR
INCOME
TRUST

**IMPORTANT NOTICES REGARDING PRIVACY,
DELIVERY OF SHAREHOLDER DOCUMENTS,
PORTFOLIO HOLDINGS, AND PROXY VOTING**

Privacy. The Eaton Vance organization is committed to ensuring your financial privacy. Each of the financial institutions identified below has in effect the following policy ("Privacy Policy") with respect to nonpublic personal information about its customers:

Only such information received from you, through application forms or otherwise, and information about your Eaton Vance fund transactions will be collected. This may include information such as name, address, social security number, tax status, account balances and transactions.

None of such information about you (or former customers) will be disclosed to anyone, except as permitted by law (which includes disclosure to employees necessary to service your account). In the normal course of servicing a customer's account, Eaton Vance may share information with unaffiliated third parties that perform various required services such as transfer agents, custodians and broker/dealers.

Policies and procedures (including physical, electronic and procedural safeguards) are in place that are designed to protect the confidentiality of such information.

We reserve the right to change our Privacy Policy at any time upon proper notification to you. Customers may want to review our Policy periodically for changes by accessing the link on our homepage: www.eatonvance.com.

Our pledge of privacy applies to the following entities within the Eaton Vance organization: the Eaton Vance Family of Funds, Eaton Vance Management, Eaton Vance Investment Counsel, Boston Management and Research, and Eaton Vance Distributors, Inc.

In addition, our Privacy Policy only applies to those Eaton Vance customers who are individuals and who have a direct relationship with us. If a customer's account (i.e., fund shares) is held in the name of a third-party financial adviser/broker-dealer, it is likely that only such adviser's privacy policies apply to the customer. This notice supersedes all previously issued privacy disclosures.

For more information about Eaton Vance's Privacy Policy, please call 1-800-262-1122.

Delivery of Shareholder Documents. The Securities and Exchange Commission (the "SEC") permits funds to deliver only one copy of shareholder documents, including prospectuses, proxy statements and shareholder reports, to fund investors with multiple accounts at the same residential or post office box address. This practice is often called "householding" and it helps eliminate duplicate mailings to shareholders.

Eaton Vance, or your financial adviser, may household the mailing of your documents indefinitely unless you instruct Eaton Vance, or your financial adviser, otherwise.

If you would prefer that your Eaton Vance documents not be househanded, please contact Eaton Vance at 1-800-262-1122, or contact your financial adviser.

Your instructions that householding not apply to delivery of your Eaton Vance documents will be effective within 30 days of receipt by Eaton Vance or your financial adviser.

Portfolio Holdings. Each Eaton Vance Fund and its underlying Portfolio (if applicable) will file a schedule of its portfolio holdings on Form N-Q with the SEC for the first and third quarters of each fiscal year. The Form N-Q will be available on the Eaton Vance website www.eatonvance.com, by calling Eaton Vance at 1-800-262-1122 or in the EDGAR database on the SEC's website at www.sec.gov. Form N-Q may also be reviewed and copied at the SEC's public reference room in Washington, D.C. (call 1-800-732-0330 for information on the operation of the public reference room).

Proxy Voting. From time to time, funds are required to vote proxies related to the securities held by the funds. The Eaton Vance Funds or their underlying Portfolios (if applicable) vote proxies according to a set of policies and procedures approved by the Funds' and Portfolios' Boards. You may obtain a description of these policies and procedures and information on how the Funds or Portfolios voted proxies relating to portfolio securities during the most recent 12 month period ended June 30, without charge, upon request, by calling 1-800-262-1122. This description is also available on the SEC's website at www.sec.gov.

Eaton Vance Senior Income Trust as of June 30, 2007

Management's Discussion of Fund Performance

Performance for the Year ended June 30, 2007

- Based on share price, Eaton Vance Senior Income Trust (the Fund), a closed-end fund traded on the New York Stock Exchange, had a total return of 13.81% for the year ended June 30, 2007. That return was the result of an increase in share price to \$8.57 on June 30, 2007, from \$8.13 on June 30, 2006 and the reinvestment of \$0.647 in dividend distributions.(1)
- Based on net asset value (NAV), the Fund had a total return of 8.70% for the year ended June 30, 2007. That return was the result of an increase in NAV to \$8.80 on June 30, 2007, from \$8.74 on June 30, 2006, and the reinvestment of all distributions.(1)
- Based on its June 2007 monthly dividend payment of \$0.051 and a closing share price of \$8.57, the Fund had a market yield of 7.14%.(2)
- For performance comparison, the S&P/LSTA Leveraged Loan Index an unmanaged index of U.S. dollar-denominated leveraged loans had a total return of 7.24% for the year ended June 30, 2007.(3)

Investment Environment

- The Fund is a closed-end fund and trades on the New York Stock Exchange under the symbol EVF. The Fund's investment objective is to provide a high level of current income, consistent with preservation of capital, by investing primarily in senior loans. The Fund also employs leverage through the issuance of preferred shares and participation in a commercial paper program.
- Short-term interest rates remained fairly stable during the year ended June 30, 2007, as the Federal Reserve held the Federal Funds rate a short-term interest rate benchmark at 5.25% throughout the period. Floating-rate loans adjust their interest rates to changes in the London Inter-bank Offered Rate (LIBOR), which closely tracks the Federal Funds rate.
- In the year ended June 30, 2007, despite record new loan issuance, demand exceeded loan supply. The technical imbalance resulted in loans repricing at slightly lower credit spreads. In addition, certain large new issues came to market with fewer financial covenants. However, despite this, management notes that the chief determinants of the loan asset class's long-term performance seniority and security remain in place.

The Fund's Investments

- The Fund's investments included 477 borrowers at June 30, 2007, with an average loan size of 0.19% of total investments, and no industry constituting more than 8.0% of total investments. Health care, business equipment and services, publishing, chemicals and plastics, and cable/satellite television were the Fund's largest industry weightings.(4)
- The Fund had an exposure of 8% of total investments in European loans at June 30, 2007. European issuance continued to grow and represented further opportunities for diversification. For example, while there may be concerns about a slowing U.S. economy, the Fund benefited from loans to companies operating in the relatively robust U.K. and German economies. All of the Fund's non-dollar-denominated investments were hedged to help protect against foreign currency risk.

Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSR

- At June 30, 2007, the Fund had leverage in the amount of approximately 40.7% of the Fund's total assets. The Fund employs leverage through the issuance of Auction Preferred Shares (APS) and a commercial paper program. (5) Use of financial leverage creates an opportunity for increased income but, at the same time, creates special risks (including the likelihood of greater volatility of net asset value and market price of common shares). The cost of leverage rises and falls with changes in short-term interest rates. Such increases/decreases in the cost of the Fund's leverage may be offset by increased/decreased income from the Fund's senior loan investments.

-
- (1) *Performance results reflect the effect of leverage resulting from the Fund's issuance of Auction Preferred Shares and its participation in a commercial paper program.*
 - (2) *The Fund's market yield is calculated by dividing the most recent dividend per share by the share market price at the end of the period and annualizing the result.*
 - (3) *It is not possible to invest directly in an Index. The Index's total return reflects changes in value of the loans comprising the Index and accrual of interest and does not reflect the commissions or expenses that would have been incurred if an investor individually purchased or sold the loans represented in the Index. Unlike the Fund, the Index's return does not reflect the effect of leverage, such as the issuance of Auction Preferred Shares and participation in a commercial paper program.*
 - (4) *Holdings and industry weightings are subject to change due to active management.*
 - (5) *In the event of a rise in long-term interest rates, the value of the Fund's investment portfolio could decline, which would reduce the asset coverage for its Auction Preferred Shares.*

Past performance is no guarantee of future results. Returns are historical and are calculated by determining the percentage change in net asset value or share price (as applicable) with all distributions reinvested. The Fund's performance at market share price will differ from its results at NAV. Although share price performance generally reflects investment results over time, during shorter periods, returns at share price can also be affected by factors such as changing perceptions about the Fund, market conditions, fluctuations in supply and demand for the Fund's 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 is for the stated time period only; due to market volatility, the Fund's current performance may be lower or higher than quoted. For performance as of the most recent month end, please refer to www.eatonvance.com.

Shares of the Fund 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.

Eaton Vance Senior Income Trust as of June 30, 2007**Performance****Performance(1) As of 6/30/07**

NYSE Symbol	EVF
Average Annual Total Return (by share price, NYSE)	
One Year	13.81 %
Five Years	8.69
Life of Fund (10/30/98)	5.64

Average Annual Total Return (at net asset value)

One Year	8.70 %
Five Years	7.50
Life of Fund (10/30/98)	5.97

(1) *Performance results reflect the effect of leverage resulting from the Fund's issuance of Auction Preferred Shares and its participation in a commercial paper program. In the event of a rise in long-term interest rates, the value of the Fund's investment portfolio could decline, which would reduce the asset coverage for its Auction Preferred Shares.*

Past performance is no guarantee of future results. Returns are historical and are calculated by determining the percentage change in net asset value or share price (as applicable) with all distributions reinvested. The Fund's performance at market share price will differ from its results at NAV. Although share price performance generally reflects investment results over time, during shorter periods, returns at share price can also be affected by factors such as changing perceptions about the Fund, market conditions, fluctuations in supply and demand for the Fund's 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 is for the stated time period only; due to market volatility, the Fund's current performance may be lower or higher than quoted. For performance as of the most recent month end, please refer to www.eatonvance.com.

Top Ten Holdings (2)

By total investments

Charter Communications Operating	1.1 %
Sungard Data Systems, Inc.	1.1
Georgia Pacific Corp.	0.9
Idearc, Inc.	0.8
Metro-Goldwyn-Mayer Holdings	0.8
Univision Communications, Inc.	0.8
WMG Acquisition Corp.	0.7
Nielsen Finance LLC	0.7
HCA, Inc.	0.7
Penn National Gaming, Inc.	0.6
Total	8.2 %

(2) Reflects the Fund's investments as of June 30, 2007. Holdings are shown as a percentage of the Fund's total investments. Portfolio information may not be representative of current or future investments and are subject to change due to active management.

Top Five Industries (3)

By total investments

Health Care	7.8	%
Business Equip. & Services	6.8	
Publishing	6.0	
Chemicals & Plastics	5.9	
Cable & Satellite Television	5.5	

(3) Reflects the Fund's investments as of June 30, 2007. Industries are shown as a percentage of the Fund's total investments. Portfolio information may not be representative of current or future investments and are subject to change due to active management.

Credit Quality Ratings For Total Loan Investments (4)

By total loan investments

Baa	2.7	%
Ba	52.8	
B	31.6	
Caa	3.2	
Non-Rated (5)	9.7	

(4) Credit Quality ratings are those provided by Moody's, a nationally recognized bond rating service. As a percentage of the Fund's total loan investments as of June 30, 2007. Fund information may not be representative of the Fund's current or future investments and may change due to active management.

(5) Certain loans in which the Fund invests are not rated by a rating agency. In management's opinion, such securities are comparable to securities rated by a rating agency in the categories listed above.

The views expressed in this report are those of the portfolio managers and are current only through the end of the period of the report as stated on the cover. These views are subject to change at any time based upon market or other conditions, and Eaton Vance disclaims any responsibility to update such views. These views may not be relied on as investment advice and, because investment decisions for an Eaton Vance fund are based on many factors, may not be relied on as an indication of trading intent on behalf of any Eaton Vance fund.

Eaton Vance Senior Income Trust as of June 30, 2007

PORTFOLIO OF INVESTMENTS

Senior, Floating Rate Interests 152.8% ¹⁾	Principal Amount	Borrower/Tranche Description	Value
Aerospace and Defense 3.0%			
AWAS Capital, Inc.		Term Loan, 11.38%, Maturing March 22, 2013	
\$	1,185,557		\$ 1,201,858
DRS Technologies, Inc.		Term Loan, 6.86%, Maturing January 31, 2013	
	443,125		444,602
Evergreen International Aviation		Term Loan, 8.91%, Maturing October 31, 2011	
	1,002,389		1,008,654
Hawker Beechcraft Acquisition		Term Loan, 5.26%, Maturing March 26, 2014	
	91,667		91,851
	1,080,625	Term Loan, 7.36%, Maturing March 26, 2014	1,082,796
Hexcel Corp.		Term Loan, 7.11%, Maturing March 1, 2012	
	425,768		426,832
IAP Worldwide Services, Inc.		Term Loan, 9.69%, Maturing December 30, 2012	
	517,125		506,244
Spirit AeroSystems, Inc.		Term Loan, 7.11%, Maturing December 31, 2011	
	629,256		633,287
Standard Aero Holdings, Inc.		Term Loan, 7.57%, Maturing August 24, 2012	
	907,490		909,192
TransDigm, Inc.		Term Loan, 7.36%, Maturing June 23, 2013	
	1,375,000		1,383,594
Vought Aircraft Industries, Inc.		Term Loan, 7.83%, Maturing December 17, 2011	
	1,108,294		1,116,144
Wesco Aircraft Hardware Corp.		Term Loan, 7.61%, Maturing September 29, 2013	
	981,667		988,416
			\$ 9,793,470
Air Transport 0.6%			
Delta Air Lines, Inc.		Term Loan, 8.61%, Maturing April 30, 2014	
\$	650,000		\$ 655,525
Northwest Airlines, Inc.		DIP Loan, 7.34%, Maturing August 21, 2008	
	1,150,000		1,151,880
			\$ 1,807,405
Automotive 5.8%			
AA Acquisitions Co., Ltd.		Term Loan, 8.18%, Maturing June 25, 2012	
GBP	1,000,000		\$ 2,030,553
Accuride Corp.			

Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSR

	891,720	Term Loan, 7.38%, Maturing January 31, 2012	898,169
Adesa, Inc.			
	2,225,000	Term Loan, 7.61%, Maturing October 18, 2013	2,229,452
Affina Group, Inc.			
	284,032	Term Loan, 8.36%, Maturing November 30, 2011	286,162
Principal			
Amount		Borrower/Tranche Description	Value
Automotive (continued)			
AxleTech International Holding, Inc.			
\$	925,000	Term Loan, 11.85%, Maturing April 21, 2013	\$ 931,937
CSA Acquisition Corp.			
	629,589	Term Loan, 7.88%, Maturing December 23, 2011	630,966
Dana Corp.			
	1,275,000	Term Loan, 7.88%, Maturing March 30, 2008	1,280,180
Dayco Products, LLC			
	1,089,000	Term Loan, 7.85%, Maturing June 21, 2011	1,093,993
Federal-Mogul Corp.			
	1,500,000	Term Loan, 7.82%, Maturing December 31, 2007	1,496,406
Ford Motor Company			
	945,250	Term Loan, 8.36%, Maturing December 15, 2013	950,218
General Motors Corp.			
	1,273,063	Term Loan, 7.73%, Maturing November 29, 2013	1,283,088
Goodyear Tire & Rubber Co.			
	1,300,000	Term Loan, 7.10%, Maturing April 30, 2010	1,295,241
	500,000	Term Loan, 8.82%, Maturing March 1, 2011	502,125
HLI Operating Co., Inc.			
EUR	21,818	Term Loan, 4.15%, Maturing May 30, 2014	29,761
EUR	378,182	Term Loan, 6.87%, Maturing May 30, 2014	516,180
Jason, Inc.			
	300,000	Term Loan, 7.82%, Maturing April 30, 2010	301,125
Keystone Automotive Operations, Inc.			
	472,625	Term Loan, 8.84%, Maturing January 12, 2012	459,923
R.J. Tower Corp.			
	1,175,000	DIP Revolving Loan, 9.94%, Maturing August 2, 2007	1,172,671
TriMas Corp.			
	126,563	Term Loan, 8.07%, Maturing August 2, 2011	128,303
	544,324	Term Loan, 8.13%, Maturing August 2, 2013	551,809
United Components, Inc.			
	698,864	Term Loan, 7.61%, Maturing June 30, 2010	701,484
			\$ 18,769,746

Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSR

Beverage and Tobacco 0.8%

Constellation Brands, Inc.

\$	750,000	Term Loan, 6.88%, Maturing June 5, 2013	\$ 752,812
----	---------	---	------------

Culligan International Company

EUR	500,000	Term Loan, 8.87%, Maturing May 31, 2013	676,963
-----	---------	---	---------

Southern Wine & Spirits of America, Inc.

	1,088,966	Term Loan, 6.86%, Maturing May 31, 2012	1,091,462
			\$ 2,521,237

See notes to financial statements

3

Eaton Vance Senior Income Trust as of June 30, 2007

PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount		Borrower/Tranche Description	Value
Building and Development	6.8%		
AIMCO Properties, L.P.			
\$	2,050,000	Term Loan, 6.86%, Maturing March 23, 2011	\$ 2,051,923
Beacon Sales Acquisition, Inc.			
	373,125	Term Loan, 7.35%, Maturing September 30, 2013	374,058
BioMed Realty, L.P.			
	1,640,000	Term Loan, 7.57%, Maturing May 31, 2010	1,646,150
Building Materials Corp. of America			
	746,255	Term Loan, 8.19%, Maturing February 22, 2014	737,579
Capital Automotive REIT			
	674,441	Term Loan, 7.07%, Maturing December 16, 2010	678,349
Epco / Fantome, LLC			
	792,000	Term Loan, 7.98%, Maturing November 23, 2010	793,980
Formica Corp.			
	543,125	Term Loan, 10.25%, Maturing March 15, 2013	543,295
FT-FIN Acquisition, LLC			
	299,622	Term Loan, 6.48%, Maturing November 17, 2007 ⁽²⁾	300,371
Hovstone Holdings, LLC			
	521,828	Term Loan, 6.83%, Maturing February 28, 2009	514,001
Lanoga Corp.			
	668,275	Term Loan, 7.07%, Maturing June 29, 2013	663,681
LNR Property Corp.			
	1,500,000	Term Loan, 8.11%, Maturing July 3, 2011	1,503,214
Mueller Water Products, Inc.			
	750,000	Term Loan, 7.09%, Maturing May 24, 2014	752,344
Nortek, Inc.			
	923,875	Term Loan, 7.61%, Maturing August 27, 2011	923,182
November 2005 Land Investors			
	198,324	Term Loan, 8.07%, Maturing May 9, 2011	199,315
Panolam Industries Holdings, Inc.			
	722,244	Term Loan, 8.11%, Maturing September 30, 2012	724,501
PLY GEM Industries, Inc.			
	985,609	Term Loan, 8.11%, Maturing August 15, 2011	983,145
	36,828	Term Loan, 8.11%, Maturing August 15, 2011	36,736
Realogy Corp.			

Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSR

	371,212	Term Loan, 8.32%, Maturing September 1, 2014	368,067
	1,378,788	Term Loan, 8.35%, Maturing September 1, 2014	1,367,107
South Edge, LLC			
	162,168	Term Loan, 7.13%, Maturing October 31, 2007	161,560
	421,875	Term Loan, 7.38%, Maturing October 31, 2009	419,238
Stile Acquisition Corp.			
	565,151	Term Loan, 7.35%, Maturing April 6, 2013	549,633
Stile U.S. Acquisition Corp.			
	566,113	Term Loan, 7.35%, Maturing April 6, 2013	550,569
Tousa/Kolter, LLC			
	695,600	Term Loan, 7.61%, Maturing January 7, 2008	696,469
Principal Amount		Borrower/Tranche Description	Value
Building and Development (continued)			
TRU 2005 RE Holding Co.			
\$	2,200,000	Term Loan, 8.32%, Maturing December 9, 2008	\$ 2,212,547
United Subcontractors, Inc.			
	450,000	Term Loan, 12.62%, Maturing June 27, 2013	443,062
Wintergames Acquisition ULC			
	1,539,558	Term Loan, 7.33%, Maturing October 26, 2007	1,543,407
			\$ 21,737,483
Business Equipment and Services 10.8%			
ACCO Brands Corp.			
\$	276,500	Term Loan, 7.11%, Maturing August 17, 2012	\$ 278,358
Activant Solutions, Inc.			
	372,359	Term Loan, 7.38%, Maturing May 1, 2013	371,661
Axiom Corp.			
	727,333	Term Loan, 7.07%, Maturing September 15, 2012	731,198
Affiliated Computer Services			
	443,250	Term Loan, 7.32%, Maturing March 20, 2013	444,871
	1,163,250	Term Loan, 7.32%, Maturing March 20, 2013	1,167,503
Affinion Group, Inc.			
	1,491,597	Term Loan, 7.86%, Maturing October 17, 2012	1,505,207
Allied Security Holdings, LLC			
	687,273	Term Loan, 8.35%, Maturing June 30, 2010	692,427
Asurion Corp.			
	572,420	Term Loan, 8.32%, Maturing July 13, 2012	573,851
	450,000	Term Loan, 11.57%, Maturing January 13, 2013	456,750
DynCorp International, LLC			
	576,121	Term Loan, 7.63%, Maturing February 11, 2011	580,442

Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSR

Info USA, Inc.	320,141	Term Loan, 7.36%, Maturing February 14, 2012	320,942
Kronos, Inc.	600,000	Term Loan, 7.61%, Maturing June 11, 2014	600,000
Language Line, Inc.	429,109	Term Loan, 8.61%, Maturing June 11, 2011	432,149
Mitchell International, Inc.	500,000	Term Loan, 10.63%, Maturing March 28, 2015	505,208
N.E.W. Holdings I, LLC	550,000	Term Loan, 7.85%, Maturing May 22, 2014	549,427
Nielsen Finance, LLC	3,697,063	Term Loan, 7.61%, Maturing August 9, 2013	3,723,637
Protection One, Inc.	1,230,755	Term Loan, 7.59%, Maturing March 31, 2012	1,236,524
Quantum Corp.	229,167	Term Loan, 9.32%, Maturing August 22, 2012	229,453
	250,000	Term Loan, 13.57%, Maturing August 22, 2013	249,062

See notes to financial statements

Eaton Vance Senior Income Trust as of June 30, 2007

PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount		Borrower/Tranche Description	Value
Business Equipment and Services (continued)			
Quintiles Transnational Corp.			
\$	900,000	Term Loan, 9.36%, Maturing March 31, 2014	\$ 913,500
Sabare, Inc.			
	2,142,040	Term Loan, 7.61%, Maturing September 30, 2014	2,126,308
Serena Software, Inc.			
	780,313	Term Loan, 7.59%, Maturing March 10, 2013	785,287
Sitel (Client Logic)			
EUR	973,203	Term Loan, 6.62%, Maturing January 29, 2014	1,324,217
	535,403	Term Loan, 7.85%, Maturing January 29, 2014	538,750
Solera Nederland Holdings			
EUR	448,875	Term Loan, 6.19%, Maturing May 15, 2014	609,638
SS&C Technologies, Inc.			
	907,834	Term Loan, 7.36%, Maturing November 23, 2012	912,941
	24,171	Term Loan, 7.83%, Maturing November 23, 2012	24,307
SunGard Data Systems, Inc.			
	5,892,546	Term Loan, 7.36%, Maturing February 11, 2013	5,924,377
TDS Investor Corp.			
EUR	994,987	Term Loan, 6.66%, Maturing August 23, 2013	1,351,339
	1,363,949	Term Loan, 7.82%, Maturing August 23, 2013	1,371,776
	144,986	Term Loan, 7.86%, Maturing August 23, 2013	145,818
Transaction Network Services, Inc.			
	371,560	Term Loan, 7.36%, Maturing May 4, 2012	372,489
WAM Acquisition, S.A.			
EUR	153,716	Term Loan, 6.25%, Maturing May 4, 2014	209,137
EUR	96,284	Term Loan, 6.25%, Maturing May 4, 2014	130,998
EUR	153,716	Term Loan, 6.50%, Maturing May 4, 2015	210,067
EUR	96,284	Term Loan, 6.50%, Maturing May 4, 2015	131,580
West Corp.			
	1,815,886	Term Loan, 7.75%, Maturing October 24, 2013	1,824,347
Williams Scotsman, Inc.			
	500,000	Term Loan, 6.82%, Maturing June 27, 2010	499,062
Worldspan, L.P.			
	746,250	Term Loan, 8.61%, Maturing December 7, 2013	749,981

Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSR

			\$ 34,804,589
Cable and Satellite Television 8.8%			
Atlantic Broadband Finance, LLC			
\$	1,753,585	Term Loan, 7.61%, Maturing February 10, 2011	\$ 1,765,093
Bragg Communications, Inc.			
	544,644	Term Loan, 7.11%, Maturing August 31, 2011	545,325
Bresnan Broadband Holdings, LLC			
	500,000	Term Loan, 7.38%, Maturing March 29, 2014	500,976
	650,000	Term Loan, 9.86%, Maturing March 29, 2014	660,156
Charter Communications Operating, Inc.			
	6,109,362	Term Loan, 7.32%, Maturing April 28, 2013	6,063,542
Principal Amount			
		Borrower/Tranche Description	Value
Cable and Satellite Television (continued)			
CSC Holdings, Inc.			
\$	1,584,000	Term Loan, 7.07%, Maturing March 29, 2013	\$ 1,585,255
Insight Midwest Holdings, LLC			
	2,875,000	Term Loan, 7.35%, Maturing April 6, 2014	2,885,109
Mediacom Broadband Group			
	831,013	Term Loan, 7.10%, Maturing January 31, 2015	830,378
Mediacom Illinois, LLC			
	1,965,125	Term Loan, 7.10%, Maturing January 31, 2015	1,965,807
NTL Investment Holdings, Ltd.			
	1,355,140	Term Loan, 7.36%, Maturing March 30, 2012	1,362,281
GBP	331,461	Term Loan, 7.85%, Maturing March 30, 2012	666,301
GBP	168,539	Term Loan, 7.85%, Maturing March 30, 2012	338,797
Orion Cable GmbH			
EUR	450,000	Term Loan, 6.97%, Maturing October 31, 2014	611,451
EUR	450,000	Term Loan, 7.22%, Maturing October 31, 2015	614,151
Persona Communications Corp.			
	308,444	Term Loan, 8.07%, Maturing October 12, 2013	310,565
	191,556	Term Loan, 8.07%, Maturing October 12, 2013	192,872
	500,000	Term Loan, 11.32%, Maturing April 12, 2014	507,812
Prosiebensat.1 Media AG			
EUR	108,000	Term Loan, Maturing March 2, 2015 ⁽⁸⁾	145,859
EUR	11,076	Term Loan, Maturing June 26, 2015 ⁽⁸⁾	14,921
EUR	272,924	Term Loan, Maturing June 26, 2015 ⁽⁸⁾	367,676
EUR	108,000	Term Loan, Maturing March 2, 2016 ⁽⁸⁾	145,859
EUR	300,000	Term Loan, Maturing September 2, 2016 ⁽⁸⁾	405,165

Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSR

EUR	200,000	Term Loan, Maturing March 2, 2017 ⁽⁸⁾	270,110
UPC Broadband Holding B.V.			
EUR	2,175,000	Term Loan, 5.94%, Maturing June 30, 2009	2,944,167
	1,050,000	Term Loan, 7.08%, Maturing October 16, 2011	1,046,719
Ypso Holdings SA			
EUR	1,000,000	Term Loan, 0.00%, Maturing July 28, 2015 ⁽²⁾	1,363,887
			\$ 28,110,234
Chemicals and Plastics 9.7%			
Brenntag Holding GmbH and Co. KG			
\$	803,636	Term Loan, 7.89%, Maturing December 23, 2013	\$ 806,902
	196,364	Term Loan, 7.89%, Maturing December 23, 2013	197,223
	600,000	Term Loan, 11.89%, Maturing December 23, 2015	611,438
Cognis GmbH			
EUR	401,639	Term Loan, 6.15%, Maturing September 15, 2013	545,604
EUR	98,361	Term Loan, 6.15%, Maturing September 15, 2013	133,617
Georgia Gulf Corp.			
	497,125	Term Loan, 7.82%, Maturing October 3, 2013	501,216
Hercules, Inc.			
	410,000	Term Loan, 6.82%, Maturing October 8, 2010	410,641

See notes to financial statements

Eaton Vance Senior Income Trust as of June 30, 2007

PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount		Borrower/Tranche Description	Value
Chemicals and Plastics (continued)			
Hexion Specialty Chemicals, Inc.			
\$	500,000	Term Loan, 7.63%, Maturing May 5, 2012	\$ 502,156
	2,407,411	Term Loan, 7.63%, Maturing May 5, 2013	2,417,490
	521,641	Term Loan, 7.63%, Maturing May 5, 2013	523,825
Huish Detergents Inc.			
	500,000	Term Loan, 7.32%, Maturing April 26, 2014	499,375
Ineos Group Holdings, PLC			
	1,361,250	Term Loan, 7.58%, Maturing December 14, 2013	1,372,027
	1,361,250	Term Loan, 8.08%, Maturing December 14, 2014	1,372,027
Innophos, Inc.			
	325,705	Term Loan, 7.57%, Maturing August 10, 2010	327,062
Invista B.V.			
	1,403,644	Term Loan, 6.86%, Maturing April 29, 2011	1,404,961
	744,030	Term Loan, 6.86%, Maturing April 29, 2011	744,728
ISP Chemco, Inc.			
	1,400,000	Term Loan, 7.13%, Maturing June 4, 2014	1,402,625
Kranton Polymers, LLC			
	1,445,757	Term Loan, 7.38%, Maturing May 12, 2013	1,455,396
Lucite International Group Holdings			
	116,794	Term Loan, 7.61%, Maturing July 7, 2013 ⁽²⁾	117,597
	329,874	Term Loan, 7.61%, Maturing July 7, 2013	332,142
Lyondell Chemical Co.			
	2,084,250	Term Loan, 6.86%, Maturing August 16, 2013	2,086,205
MacDermid, Inc.			
EUR	498,750	Term Loan, 6.12%, Maturing April 12, 2014	675,692
Millenium Inorganic Chemicals			
	200,000	Term Loan, 7.57%, Maturing April 30, 2014	201,125
	500,000	Term Loan, 11.07%, Maturing October 31, 2014	503,750
Momentive Performance Material			
	1,144,250	Term Loan, 7.63%, Maturing December 4, 2013	1,147,230
Mosaic Co.			
	468,609	Term Loan, 7.13%, Maturing December 21, 2012	471,782
Nalco Co.			

Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSR

	2,731,885	Term Loan, 7.21%, Maturing November 4, 2010	2,748,227
PQ Corp.			
	1,256,487	Term Loan, 7.32%, Maturing February 10, 2012	1,259,628
Professional Paint, Inc.			
	396,000	Term Loan, 7.88%, Maturing May 31, 2012	393,030
Propex Fabrics, Inc.			
	431,082	Term Loan, 8.36%, Maturing July 31, 2012	432,699
Rockwood Specialties Group, Inc.			
	2,288,300	Term Loan, 7.11%, Maturing December 10, 2012	2,301,602
Solo Cup Co.			
	1,326,022	Term Loan, 8.84%, Maturing February 27, 2011	1,341,458

Principal Amount		Borrower/Tranche Description	Value
Chemicals and Plastics (continued)			
Solutia, Inc.			
\$	1,039,652	DIP Loan, 8.36%, Maturing March 31, 2008	\$ 1,049,074
Wellman, Inc.			
	900,000	Term Loan, 9.37%, Maturing February 10, 2009	908,625
			\$ 31,198,179
Clothing / Textiles 0.9%			
Hanesbrands, Inc.			
\$	926,071	Term Loan, 7.11%, Maturing September 5, 2013	\$ 929,913
	450,000	Term Loan, 9.11%, Maturing March 5, 2014	459,035
St. John Knits International, Inc.			
	671,544	Term Loan, 8.36%, Maturing March 23, 2012	677,420
The William Carter Co.			
	738,981	Term Loan, 6.85%, Maturing July 14, 2012	739,905
			\$ 2,806,273
Conglomerates 5.6%			
Amsted Industries, Inc.			
\$	931,382	Term Loan, 7.35%, Maturing October 15, 2010	\$ 934,875
Blount, Inc.			
	342,154	Term Loan, 7.08%, Maturing August 9, 2010	342,582
Brickman Group Holdings, Inc.			
	798,000	Term Loan, 7.40%, Maturing January 23, 2014	799,995
Bushnell Performance Optics			
	491,463	Term Loan, 8.32%, Maturing August 19, 2011	494,126
Education Management, LLC			
	2,089,859	Term Loan, 7.13%, Maturing June 1, 2013	2,084,200
GenTek, Inc.			
	292,130	Term Loan, 7.35%, Maturing February 25, 2011	293,226

Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSR

Goodman Global Holdings, Inc.			
	473,614	Term Loan, 7.13%, Maturing December 23, 2011	474,502
ISS Holdings A/S			
EUR	122,807	Term Loan, Maturing December 31, 2013 ⁽⁸⁾	167,039
EUR	877,193	Term Loan, Maturing December 31, 2013 ⁽⁸⁾	1,193,134
Ista International GmbH			
EUR	563,126	Term Loan, Maturing May 14, 2015 ⁽⁸⁾	763,145
EUR	111,874	Term Loan, Maturing May 14, 2015 ⁽⁸⁾	152,602
Jarden Corp.			
	1,172,015	Term Loan, 7.11%, Maturing January 24, 2012	1,175,434
	825,449	Term Loan, 7.11%, Maturing January 24, 2012	828,115
Johnson Diversey, Inc.			
	872,450	Term Loan, 7.86%, Maturing December 16, 2011	879,903
Polymer Group, Inc.			
	1,379,000	Term Loan, 7.61%, Maturing November 22, 2012	1,383,309

See notes to financial statements

Eaton Vance Senior Income Trust as of June 30, 2007

PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount		Borrower/Tranche Description	Value
Conglomerates (continued)			
RBS Global, Inc.			
\$	740,625	Term Loan, 7.64%, Maturing July 19, 2013	\$ 745,486
Rexnord Corp.			
	677,459	Term Loan, 7.86%, Maturing July 19, 2013	681,905
RGIS Holdings, LLC			
	61,905	Term Loan, 0.00%, Maturing April 30, 2014 ⁽²⁾	62,124
	1,238,095	Term Loan, 7.86%, Maturing April 30, 2014	1,242,481
Sensata Technologies Finance Co.			
	1,415,725	Term Loan, 7.10%, Maturing April 27, 2013	1,415,403
Terex Corp.			
	396,000	Term Loan, 7.11%, Maturing July 13, 2013	397,485
US Investigations Services, Inc.			
	1,107,159	Term Loan, 8.09%, Maturing October 14, 2012	1,110,619
	295,500	Term Loan, 8.09%, Maturing October 14, 2013	296,423
			\$ 17,918,113
Containers and Glass Products 5.6%			
Berry Plastics Corp.			
\$	997,500	Term Loan, 7.36%, Maturing April 3, 2015	\$ 992,997
Bluegrass Container Co.			
	205,718	Term Loan, 7.60%, Maturing June 30, 2013	206,590
	687,532	Term Loan, 7.60%, Maturing June 30, 2013	690,444
	157,576	Term Loan, 10.32%, Maturing December 30, 2013	160,648
	492,424	Term Loan, 10.32%, Maturing December 30, 2013	502,027
Celanese Holdings, LLC			
	2,275,000	Term Loan, 7.10%, Maturing April 2, 2014	2,282,109
Consolidated Container Co.			
	500,000	Term Loan, 10.86%, Maturing September 28, 2014	493,958
Crown Americas, Inc.			
	346,500	Term Loan, 7.11%, Maturing November 15, 2012	346,890
Graham Packaging Holdings Co.			
	2,269,313	Term Loan, 7.63%, Maturing October 7, 2011	2,280,457
Graphic Packaging International, Inc.			
	3,075,000	Term Loan, 7.34%, Maturing May 16, 2014	3,088,453
IPG (US), Inc.			

Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSR

	330,965	Term Loan, 8.17%, Maturing July 28, 2011	331,792
JSG Acquisitions			
	990,000	Term Loan, 7.48%, Maturing December 31, 2013	1,000,519
	990,000	Term Loan, 8.10%, Maturing December 13, 2014	1,005,469
Kranson Industries, Inc.			
	446,835	Term Loan, 7.61%, Maturing July 31, 2013	449,069
Owens-Brockway Glass Container			
	855,313	Term Loan, 6.82%, Maturing June 14, 2013	856,916
Smurfit-Stone Container Corp.			
	377,453	Term Loan, 5.22%, Maturing November 1, 2011	379,619
Principal Amount		Borrower/Tranche Description	Value
Containers and Glass Products (continued)			
\$	389,657	Term Loan, 7.38%, Maturing November 1, 2011	\$ 392,114
	1,492,117	Term Loan, 7.38%, Maturing November 1, 2011	1,500,680
	932,423	Term Loan, 7.38%, Maturing November 1, 2011	938,304
			\$ 17,899,055
Cosmetics / Toiletries 0.5%			
American Safety Razor Co.			
\$	400,000	Term Loan, 11.63%, Maturing July 31, 2014	\$ 404,000
Kik Custom Products, Inc.			
	525,000	Term Loan, 10.36%, Maturing November 30, 2014	523,359
Prestige Brands, Inc.			
	817,225	Term Loan, 7.64%, Maturing April 7, 2011	821,481
			\$ 1,748,840
Drugs 1.8%			
Graceway Pharmaceuticals, LLC			
\$	495,833	Term Loan, 8.11%, Maturing May 3, 2012	\$ 496,556
	500,000	Term Loan, 11.86%, Maturing May 3, 2013	494,375
	150,000	Term Loan, Maturing November 3, 2013 ⁽⁸⁾	123,750
Pharmaceutical Holdings Corp.			
	345,625	Term Loan, 8.57%, Maturing January 30, 2012	348,433
Stiefel Laboratories, Inc.			
	646,830	Term Loan, 7.61%, Maturing December 28, 2013	648,447
	845,670	Term Loan, 7.61%, Maturing December 28, 2013	847,784
	500,000	Term Loan, 10.36%, Maturing June 28, 2014	507,500
Warner Chilcott Corp.			
	1,704,662	Term Loan, 7.36%, Maturing January 18, 2012	1,712,880
	469,619	Term Loan, 7.36%, Maturing January 18, 2012	471,883
			\$ 5,651,608

Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSR

Ecological Services and Equipment	1.3%		
Allied Waste Industries, Inc.			
\$	838,113	Term Loan, 5.33%, Maturing January 15, 2012	\$ 841,989
	1,542,149	Term Loan, 7.09%, Maturing January 15, 2012	1,548,208
Blue Waste B.V. (AVR Acquisition)			
EUR	500,000	Term Loan, 6.16%, Maturing April 1, 2015	684,607
IESI Corp.			
	441,176	Term Loan, 7.11%, Maturing January 20, 2012	442,555
Sensus Metering Systems, Inc.			
	679,148	Term Loan, 7.37%, Maturing December 17, 2010	682,544
	63,868	Term Loan, 7.37%, Maturing December 17, 2010	64,187
			\$ 4,264,090

See notes to financial statements

7

Eaton Vance Senior Income Trust as of June 30, 2007

PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount		Borrower/Tranche Description	Value
Electronics / Electrical	4.6%		
Advanced Micro Devices, Inc.			
\$	999,197	Term Loan, 7.36%, Maturing December 31, 2013	\$ 998,630
AMI Semiconductor, Inc.			
	834,749	Term Loan, 6.86%, Maturing April 1, 2012	833,445
Aspect Software, Inc.			
	1,091,750	Term Loan, 8.36%, Maturing July 11, 2011	1,099,938
	950,000	Term Loan, 12.44%, Maturing July 11, 2013	956,729
Communications & Power, Inc.			
	185,185	Term Loan, 7.57%, Maturing July 23, 2010	185,880
EnerSys Capital, Inc.			
	970,125	Term Loan, 7.11%, Maturing March 17, 2011	975,582
FCI International S.A.S.			
	114,637	Term Loan, 7.74%, Maturing November 1, 2013	116,121
	110,363	Term Loan, 7.74%, Maturing November 1, 2013	111,191
	110,363	Term Loan, 8.08%, Maturing November 1, 2013	111,792
	114,637	Term Loan, 8.62%, Maturing November 1, 2013	115,496