

EATON VANCE SENIOR INCOME TRUST
Form N-CSR
August 27, 2010

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)

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)

June 30

Date of Fiscal Year End

June 30, 2010

Date of Reporting Period

Item 1. Reports to Stockholders

Eaton Vance Investments Annual Report June 30, 2010 EATON VANCE SENIOR INCOME TRUST

IMPORTANT NOTICES

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 Privacy 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. Our Privacy Policy applies only 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(s) (if applicable) will file a schedule of 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 at 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.

Additional Notice to Shareholders. The Fund may redeem or purchase its outstanding auction preferred shares (APS) in order to maintain compliance with regulatory requirements, borrowing or rating agency requirements or for other purposes as it deems appropriate or necessary. The Fund also may purchase shares of its common stock in the open market when they trade at a discount to net asset value or at other times if the Fund determines such purchases are advisable. There can be no assurance that the Fund will take such action or that such purchases would reduce the discount.

Eaton Vance Senior Income Trust as of June 30, 2010

MANAGEMENT'S DISCUSSION OF FUND PERFORMANCE

Economic and Market Conditions

Scott H. Page, CFA
Co-Portfolio Manager

John Redding
Co-Portfolio Manager

During the year ending June 30, 2010, the U.S. economy continued to strengthen. After contracting slightly in the second quarter of 2009, the U.S. economy grew at annualized rates of 2.2% and 5.6% in the third and fourth quarters of 2009, respectively, followed by annualized growth of 2.7% and 2.4% in the first and second quarters of 2010, respectively, according to the U.S. Department of Commerce. Growth was driven by government stimulus, increased business activity and a recovery in consumer spending. During the period, the Federal Reserve (the Fed) left short-term interest rates near zero but began unwinding various emergency programs that were designed to stabilize the financial system during the credit crisis. Meanwhile, corporate profits rebounded as business activity improved and productivity rose. We also saw the mounting effects of the government's ongoing stimulus plan, which significantly increased the federal deficit and U.S. Treasury borrowing. Long-term interest rates were essentially unchanged during the period, while riskier assets continued to perform well as credit yield spreads tightened.

The floating-rate loan market, as measured by the S&P/LSTA Leveraged Loan Index (the Index), returned 18.54% during the year ending June 30, 2010.¹ Performance was driven by a combination of technical and fundamental improvements, which strengthened both the supply/demand balance and the market outlook. From a technical standpoint, robust high-yield bond issuance and improving M&A and IPO markets had the effect of reducing loan supply. On the demand side, we saw steady inflows into the asset class, as investors sought more-favorable yields and protection from the anticipated rise in short-term interest rates. From a fundamental standpoint, earnings across the bank loan universe generally improved and default rates continued to decline.

Management Discussion

Eaton Vance Senior Income Trust (the Trust) is a closed-end fund and trades on the New York Stock Exchange (NYSE) under the symbol EVF. The Trust's investment objective is to provide a high level of current income, consistent with the preservation of capital. Under normal market conditions, the Trust invests at least 80% of its total assets in senior, secured floating-rate loans (senior loans). In managing the Trust, the investment adviser seeks to invest in a portfolio of senior loans that it believes will be less volatile over time than the general loan market. The Trust may also invest in second-lien loans and high-yield bonds, and, as discussed below, may employ leverage, which may increase risk.

As of June 30, 2010, the Trust's investments included senior loans to 349 borrowers spanning 38 industries, with an average loan size of 0.25% of total investments, and no industry constituting more than 11.0%

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

Trust 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.

Total Return Performance 6/30/09 6/30/10

NYSE Symbol		EVF
At Net Asset Value (NAV) ²		29.77%
At Market Price ²		49.83
S&P/LSTA Leveraged Loan Index ¹		18.54
Premium/(Discount) to NAV (6/30/10)		-1.19%
Total Distributions per common share		\$0.357
Distribution Rate ³	<i>At NAV</i>	6.26%
	<i>At Market Price</i>	6.33%

See page 3 for more performance information.

¹ It is not possible to invest directly in an Index. The Index's total return reflects changes in value of the loans constituting the Index and accrual of interest and does not reflect expenses that would have been incurred if an investor individually purchased or sold the loans represented in the Index. Unlike the Trust, the Index's total return does not reflect the effect of leverage.

² Performance results reflect the effects of leverage.

³ The Distribution Rate is based on the Trust's last regular distribution per share in the period (annualized) divided by the Trust's NAV or market price at the end of the period.

The Trust's
distributions may be
comprised of
ordinary income, net
realized capital gains
and return of capital.

Eaton Vance Senior Income Trust as of June 30, 2010

MANAGEMENT'S DISCUSSION OF FUND PERFORMANCE

of total investments. Health care, cable and satellite television, and business equipment and services were the top three industry weightings.

The Trust outperformed the Index for the year ending June 30, 2010. Management's use of leverage was a significant factor in the Trust's outperformance, as its loans acquired with borrowings were bolstered by the credit market rally. The fiscal year witnessed a junk rally, with the market's lowest-quality loans outperforming higher quality issues. As a result, the Trust's relative underweight to the lowest-quality loans, including second-lien loans and those rated below CCC, hampered relative performance during the period. However, we believe that the Trust's longstanding underweight to riskier loan issuers has benefited its relative performance over the longer-term with less volatility.

The Trust had a 9.7% exposure to European loans as of June 30, 2010. The Trust's involvement in the European leveraged loan market represented further opportunity for diversification, and while this market was affected slightly more than the U.S. bank loan market by the credit market turmoil, we believed it offered an attractive appreciation opportunity at then-current price levels.

In terms of industry sectors, relative overweights to the business equipment and services, cable and satellite television, and health care industries benefited relative performance. Underweight positions in the electronics, financial intermediaries and utilities industries detracted from performance relative to the Index.

While significant economic and business risks continue to exist throughout the world, we believe the loan market should remain relatively stable in the near term. The Trust primarily invests in floating-rate securities, which means that if the Fed should increase rates out of concern about inflation, the Trust's yield can be expected to rise. The reset of interest payable on floating-rate bank loans also typically helps to mitigate the effect of rising interest rates on bank loan fund values, while fixed-income fund values generally fall in a rising interest rate environment.

As of June 30, 2010, the Trust employed leverage of 36.5% of total assets 28.5% auction preferred shares (APS) and 8.0% borrowings.¹ Use of leverage creates an opportunity for income, but at the same time creates additional risks, including the likelihood of greater volatility of net asset value and market price of common shares.

¹ APS percentage represents the liquidation value of the Trust's APS outstanding at 6/30/10 as a percentage of the Trust's net assets applicable to common shares plus APS and borrowings outstanding. In the event of a

rise in long-term
interest rates,
the value of the
Trust's
investment
portfolio could
decline, which
would reduce
the asset
coverage for its
APS and
borrowings.

The views expressed throughout 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 the investment adviser disclaims any responsibility to update such views. These views may not be relied on as investment advice and, because investment decisions for a fund are based on many factors, may not be relied on as an indication of trading intent on behalf of any Eaton Vance fund. Portfolio information provided in the report may not be representative of the Trust's current or future investments and may change due to active management.

Eaton Vance Senior Income Trust as of June 30, 2010

TRUST PERFORMANCE

Portfolio Composition

Top 10 Holdings¹

By total investments

Community Health Systems, Inc.	1.2%
Aramark Corp.	1.1
Rite Aid Corp.	1.0
Georgia-Pacific Corp.	1.0
Intelsat Corp.	1.0
UPC Broadband Holding B.V.	1.0
Sungard Data Systems, Inc.	0.9
Virgin Media Investment Holdings	0.8
Charter Communications Operating, Inc.	0.8
Nielsen Finance, LLC	0.8

¹ Top 10 Holdings represented 9.6% of the Trust's total investments as of 6/30/10.

Top Five Industries²

By total investments

Health Care	11.0%
Cable and Satellite Television	7.3
Business Equipment and Services	7.3
Leisure Goods/Activities/Movies	5.5
Publishing	4.6

² Industries are shown as a percentage of the Trust's total investments as of 6/30/10.

Credit Quality Ratings for

Total Loan Investments³

By total loan investments

Baa	2.0%
Ba	44.9

B	36.1
Ca	0.2
Caa	3.6
Defaulted	1.1
Non-Rated	12.1

³ Ratings are based on Moody's, S&P or Fitch, as applicable. Credit ratings are based largely on the rating agency's investment analysis at the time of rating and the rating assigned to any particular security is not necessarily a reflection of the issuer's current financial condition. The rating assigned to a security by a rating agency 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. If securities are rated differently by the rating agencies, the higher rating is applied.

Trust Performance⁵

NYSE Symbol

EVF

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

Average Annual Total Return (by market price, NYSE)

One Year	49.83%
Five Years	4.00
10 Years	4.01
Life of Trust (10/30/98)	4.03

Average Annual Total Return (at net asset value)

One Year	29.77%
Five Years	2.48
10 Years	3.60
Life of Trust (10/30/98)	4.14

⁵ Performance results reflect the effects of leverage.

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

Eaton Vance Senior Income Trust as of June 30, 2010

PORTFOLIO OF INVESTMENTS

Senior Floating-Rate Interests 137.9%**Principal
Amount***

(000 s omitted)	Borrower/Tranche Description	Value
	Aerospace and Defense 3.0%	
	Aveos Fleet Performance, Inc.	
17	Revolving Loan, 4.59%, Maturing March 12, 2013 ⁽³⁾	\$ 16,251
25	Term Loan, 11.25%, Maturing March 12, 2013	24,502
64	Term Loan - Second Lien, 10.75%, Maturing March 12, 2015 ⁽²⁾	62,403
	Booz Allen Hamilton, Inc.	
249	Term Loan, 6.00%, Maturing July 31, 2015	248,781
	DAE Aviation Holdings, Inc.	
216	Term Loan, 4.09%, Maturing July 31, 2014	195,580
223	Term Loan, 4.09%, Maturing July 31, 2014	201,459
	Evergreen International Aviation	
564	Term Loan, 10.50%, Maturing October 31, 2011 ⁽²⁾	530,227
	Hawker Beechcraft Acquisition	
1,497	Term Loan, 2.40%, Maturing March 26, 2014	1,214,429
89	Term Loan, 2.63%, Maturing March 26, 2014	72,417
	Hexcel Corp.	
383	Term Loan, 6.50%, Maturing May 21, 2014	386,228
	IAP Worldwide Services, Inc.	
447	Term Loan, 9.25%, Maturing December 30, 2012 ⁽²⁾	437,732
	International Lease Finance Co.	
1,000	Term Loan, Maturing March 17, 2015 ⁽⁴⁾	988,929
	Spirit AeroSystems, Inc.	
610	Term Loan, 2.05%, Maturing September 30, 2013	602,353
	TransDigm, Inc.	
1,375	Term Loan, 2.54%, Maturing June 23, 2013	1,334,180
	Triumph Group, Inc.	
275	Term Loan, 4.50%, Maturing June 16, 2016	275,344

Wesco Aircraft Hardware Corp.

903	Term Loan, 2.60%, Maturing September 29, 2013	864,691
-----	---	---------

\$ 7,455,506

Air Transport 0.4%

Delta Air Lines, Inc.

1,119	Term Loan - Second Lien, 3.55%, Maturing April 30, 2014	\$ 1,003,052
-------	---	--------------

\$ 1,003,052

Automotive 5.0%

Accuride Corp.

862	Term Loan, 9.75%, Maturing June 28, 2013	\$ 862,987
-----	--	------------

Adesa, Inc.

920	Term Loan, 3.10%, Maturing October 18, 2013	873,346
-----	---	---------

Allison Transmission, Inc.

1,512	Term Loan, 3.10%, Maturing August 7, 2014	1,381,221
-------	---	-----------

Autotrader.com, Inc.

550	Term Loan, Maturing June 14, 2016 ⁽⁴⁾	551,031
-----	--	---------

Dayco Products, LLC

225	Term Loan, 10.50%, Maturing May 13, 2014	225,192
-----	--	---------

33	Term Loan, 12.50%, Maturing November 13, 2014 ⁽²⁾	26,975
----	--	--------

Federal-Mogul Corp.

2,244	Term Loan, 2.29%, Maturing December 29, 2014	1,960,300
-------	--	-----------

586	Term Loan, 2.29%, Maturing December 28, 2015	512,426
-----	--	---------

Ford Motor Co.

1,400	Term Loan, 3.33%, Maturing December 16, 2013	1,325,959
-------	--	-----------

497	Term Loan, 3.35%, Maturing December 16, 2013	468,499
-----	--	---------

Goodyear Tire & Rubber Co.

2,300		2,125,584
-------	--	-----------

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

	Term Loan - Second Lien, 2.24%, Maturing April 30, 2014	
Keystone Automotive Operations, Inc.		
445	Term Loan, 3.96%, Maturing January 12, 2012	368,043
LKQ Corp.		
477	Term Loan, 2.60%, Maturing October 12, 2013	474,761
TriMas Corp.		
127	Term Loan, 6.00%, Maturing August 2, 2011	124,980
528	Term Loan, 6.00%, Maturing December 15, 2015	521,273
United Components, Inc.		
535	Term Loan, 2.37%, Maturing June 29, 2012	509,875
		\$ 12,312,452
Beverage and Tobacco 0.1%		
M Foods Holdings, Inc.		
350	Term Loan, Maturing June 29, 2016 ⁽⁴⁾	\$ 343,000
		\$ 343,000
Building and Development 1.9%		
AIMCO Properties, L.P.		
128	Term Loan, 1.85%, Maturing March 23, 2011	\$ 126,203
Beacon Sales Acquisition, Inc.		
346	Term Loan, 2.31%, Maturing September 30, 2013	331,616
Brickman Group Holdings, Inc.		
770	Term Loan, 2.53%, Maturing January 23, 2014	727,994
Building Materials Corp. of America		
995	Term Loan, Maturing February 24, 2014 ⁽⁴⁾	959,932
Metroflag BP, LLC		
300	Term Loan - Second Lien, 0.00%, Maturing October 31, 2009 ⁽⁵⁾⁽⁶⁾	0
Mueller Water Products, Inc.		
495	Term Loan, 5.38%, Maturing May 23, 2014	493,304

See notes to financial statements

Eaton Vance Senior Income Trust as of June 30, 2010

PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount* (000 s omitted)	Borrower/Tranche Description	Value
Building and Development (continued)		
November 2005 Land Investors, LLC		
152	Term Loan, 5.75%, Maturing March 31, 2011	\$ 152,420
Panolam Industries Holdings, Inc.		
569	Term Loan, 8.25%, Maturing December 31, 2013	529,093
Re/Max International, Inc.		
948	Term Loan, 6.00%, Maturing March 11, 2016	946,440
South Edge, LLC		
422	Term Loan, 0.00%, Maturing October 31, 2009 ⁽⁶⁾	179,297
WCI Communities, Inc.		
145	Term Loan, 10.10%, Maturing September 3, 2014	144,127
		\$ 4,590,426

Business Equipment and Services 10.9%

Activant Solutions, Inc.

784	Term Loan, 2.31%, Maturing May 2, 2013	\$ 736,224
-----	--	------------

Axiom Corp.

594	Term Loan, 3.32%, Maturing March 15, 2015	592,515
-----	---	---------

Advantage Sales & Marketing, Inc.

599	Term Loan, 5.00%, Maturing May 5, 2016	594,385
500	Term Loan - Second Lien, 8.50%, Maturing May 5, 2017	496,875

Affinion Group, Inc.		
1,845	Term Loan, 5.00%, Maturing October 10, 2016	1,757,144
Allied Barton Security Service		
488	Term Loan, 6.75%, Maturing February 18, 2015	489,973
Dealer Computer Services, Inc.		
882	Term Loan, 5.25%, Maturing April 21, 2017	874,267
Education Management, LLC		
1,981	Term Loan, 2.31%, Maturing June 3, 2013	1,832,326
First American Corp.		
450	Term Loan, 4.75%, Maturing April 12, 2016	450,000
Info USA, Inc.		
129	Term Loan, 4.00%, Maturing February 14, 2012	128,112
Infogroup, Inc.		
350	Term Loan, Maturing May 18, 2016 ⁽⁴⁾	343,000
iPayment, Inc.		
427	Term Loan, 2.46%, Maturing May 10, 2013	392,598
Kronos, Inc.		
554	Term Loan, 2.53%, Maturing June 11, 2014	519,398
Language Line, Inc.		
945	Term Loan, 5.50%, Maturing November 4, 2015	934,025
Mitchell International, Inc.		
500	Term Loan - Second Lien, 5.81%, Maturing March 30, 2015	436,250
NE Customer Service		
869	Term Loan, 6.00%, Maturing March 5, 2016	853,981
Protection One Alarm Monitor, Inc.		
850	Term Loan, 6.00%, Maturing May 16, 2016	838,313
Quantum Corp.		
116	Term Loan, 3.85%, Maturing July 12, 2014	109,327
Quintiles Transnational Corp.		
900	Term Loan - Second Lien, 4.35%, Maturing March 31, 2014	879,750
Sabre, Inc.		
2,618	Term Loan, 2.34%, Maturing September 30, 2014	2,332,910
Serena Software, Inc.		
715	Term Loan, 2.54%, Maturing March 10, 2013	678,092
Sitel (Client Logic)		

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

	303	Term Loan, 5.79%, Maturing January 30, 2014	295,150
EUR	586	Term Loan, 5.97%, Maturing January 30, 2014	701,733
Solera Holdings, LLC			
EUR	411	Term Loan, 2.50%, Maturing May 16, 2014	488,841
SunGard Data Systems, Inc.			
	1,841	Term Loan, 2.10%, Maturing February 28, 2014	1,737,718
	1,907	Term Loan, 4.00%, Maturing February 26, 2016	1,825,198
Trans Union, LLC			
	950	Term Loan, 6.75%, Maturing June 15, 2017	956,769
Travelport, LLC			
	1,569	Term Loan, 2.81%, Maturing August 23, 2013	1,472,246
	299	Term Loan, 3.03%, Maturing August 23, 2013	280,263
EUR	527	Term Loan, 3.22%, Maturing August 23, 2013	605,637
	495	Term Loan, 10.50%, Maturing August 23, 2013	497,887
West Corp.			
	714	Term Loan, 2.75%, Maturing October 24, 2013	665,309
	1,038	Term Loan, 4.25%, Maturing July 15, 2016	983,873
			\$ 26,780,089

Cable and Satellite Television 11.2%

Atlantic Broadband Finance, LLC

	61	Term Loan, 2.79%, Maturing September 1, 2011	\$ 60,140
	1,638	Term Loan, 6.75%, Maturing May 31, 2013	1,618,281

Bragg Communications, Inc.

	1,167	Term Loan, 3.03%, Maturing August 31, 2014	1,152,413
--	-------	--	-----------

Bresnan Broadband Holdings, LLC

	1,481	Term Loan, 2.31%, Maturing June 30, 2013	1,470,835
--	-------	--	-----------

Charter Communications Operating, Inc.

	3,459		3,214,882
--	-------	--	-----------

Term Loan, 2.35%, Maturing March 6,
2014

CSC Holdings, Inc.

1,974 Term Loan, 2.10%, Maturing March 29,
2016 1,897,513

CW Media Holdings, Inc.

295 Term Loan, 3.53%, Maturing
February 16, 2015 284,803

Foxco Acquisition Sub., LLC

304 Term Loan, 7.50%, Maturing July 14,
2015 290,371

See notes to financial statements

Eaton Vance Senior Income Trust as of June 30, 2010

PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount* (000 \$ omitted)	Borrower/Tranche Description	Value
Cable and Satellite Television (continued)		
Insight Midwest Holdings, LLC		
1,941	Term Loan, 2.07%, Maturing April 7, 2014	\$ 1,827,584
Kabel Deutschland GmbH		
EUR 2,000	Term Loan, 2.72%, Maturing March 31, 2014	2,361,323
MCC Iowa, LLC		
806	Term Loan, 2.08%, Maturing January 31, 2015	745,389
Mediacom Broadband, LLC		
750	Term Loan, 4.50%, Maturing October 23, 2017	716,438
Mediacom Illinois, LLC		
1,906	Term Loan, 2.08%, Maturing January 31, 2015	1,735,537
993	Term Loan, 5.50%, Maturing March 31, 2017	971,823
Mediacom, LLC		
400	Term Loan, 4.50%, Maturing October 23, 2017	382,667
ProSiebenSat.1 Media AG		
EUR 578	Term Loan, 3.34%, Maturing March 6, 2015	512,891
EUR 11	Term Loan, 2.57%, Maturing July 3, 2015	11,802
EUR 273	Term Loan, 2.57%, Maturing July 3, 2015	290,822
EUR 578	Term Loan, 3.59%, Maturing March 4, 2016	512,891
EUR 198	Term Loan, 7.96%, Maturing March 6, 2017 ⁽²⁾	118,391
EUR 271	Term Loan - Second Lien, 4.71%, Maturing September 2, 2016	209,703
UPC Broadband Holding B.V.		
1,563		1,465,850

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

		Term Loan, 3.93%, Maturing December 30, 2016	
EUR	726	Term Loan, 4.18%, Maturing December 31, 2016	804,263
	1,037	Term Loan, 2.18%, Maturing December 29, 2017	952,983
EUR	524	Term Loan, 4.99%, Maturing December 31, 2017	583,295
Virgin Media Investment Holding			
GBP	1,000	Term Loan, 4.16%, Maturing June 30, 2015	1,449,485
GBP	1,250	Term Loan, 4.41%, Maturing December 31, 2015	1,806,095
			\$ 27,448,470

Chemicals and Plastics 5.7%

Brenntag Holding GmbH and Co. KG

	116	Term Loan, 4.07%, Maturing January 20, 2014	\$ 114,691
	786	Term Loan, 4.08%, Maturing January 20, 2014	778,088
	600	Term Loan - Second Lien, 6.47%, Maturing July 7, 2015	594,000

Celanese Holdings, LLC

	1,212	Term Loan, 2.04%, Maturing April 2, 2014	1,151,284
--	-------	---	-----------

Hexion Specialty Chemicals, Inc.

	744	Term Loan, 4.06%, Maturing May 5, 2015	676,217
	329	Term Loan, 4.31%, Maturing May 5, 2015	298,757
	485	Term Loan, 4.31%, Maturing May 5, 2015	434,075

Huntsman International, LLC

	854	Term Loan, 2.11%, Maturing April 21, 2014	799,473
	855	Term Loan, 2.65%, Maturing June 30, 2016	799,638

INEOS Group

	1,268	Term Loan, 7.50%, Maturing December 16, 2013	1,217,578
	1,268	Term Loan, 8.00%, Maturing December 16, 2014	1,219,164

INEOS Holdings, Ltd.

EUR	1,000		1,112,793
-----	-------	--	-----------

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

		Term Loan, 9.00%, Maturing December 16, 2015	
ISP Chemco, Inc.			
	862	Term Loan, 2.13%, Maturing June 4, 2014	809,767
Kraton Polymers, LLC			
	837	Term Loan, 2.38%, Maturing May 13, 2013	789,965
Lyondell Chemical Co.			
	325	Term Loan, 5.50%, Maturing April 8, 2016	326,927
MacDermid, Inc.			
EUR	345	Term Loan, 2.68%, Maturing April 11, 2014	381,803
Millenium Inorganic Chemicals			
	177	Term Loan, 2.78%, Maturing May 15, 2014	163,300
	500	Term Loan - Second Lien, 6.28%, Maturing November 18, 2014	457,500
Rockwood Specialties Group, Inc.			
	1,215	Term Loan, 6.00%, Maturing May 15, 2014	1,216,698
Styron S.A.R.L.			
	775	Term Loan, 7.50%, Maturing June 17, 2016	774,354
			\$ 14,116,072

Clothing / Textiles 0.4%

Hanesbrands, Inc.

507 Term Loan, 5.25%, Maturing
December 10, 2015 \$ 509,538

Phillips Van Heusen Corp.

550 Term Loan, 4.75%, Maturing May 6,
2016 551,031

\$ 1,060,569

Conglomerates 4.3%

Blount, Inc.

244 \$ 243,518

		Term Loan, 5.50%, Maturing February 9, 2012	
Doncasters (Dunde HoldCo 4 Ltd.)			
	207	Term Loan, 4.35%, Maturing July 13, 2015	178,479
	207	Term Loan, 4.85%, Maturing July 13, 2015	178,479
EUR	417	Term Loan - Second Lien, 6.46%, Maturing January 13, 2016	395,554
Jarden Corp.			
	406	Term Loan, 2.28%, Maturing January 24, 2012	397,904
	576	Term Loan, 2.28%, Maturing January 24, 2012	564,829
Manitowoc Company, Inc. (The)			
	1,149	Term Loan, 8.00%, Maturing November 6, 2014	1,148,460
Polymer Group, Inc.			
	2,038	Term Loan, 7.00%, Maturing November 24, 2014	2,038,286

See notes to financial statements

Eaton Vance Senior Income Trust as of June 30, 2010

PORTFOLIO OF INVESTMENTS CONT D

Principal Amount* (000 s omitted)	Borrower/Tranche Description	Value
Conglomerates (continued)		
RBS Global, Inc.		
724	Term Loan, 2.63%, Maturing July 19, 2013	\$ 684,245
1,683	Term Loan, 2.83%, Maturing July 19, 2013	1,606,311
RGIS Holdings, LLC		
98	Term Loan, 3.03%, Maturing April 30, 2014	89,673
1,953	Term Loan, 3.03%, Maturing April 30, 2014	1,793,467
US Investigations Services, Inc.		
992	Term Loan, 3.54%, Maturing February 21, 2015	878,210
Vertrue, Inc.		
489	Term Loan, 3.54%, Maturing August 16, 2014	410,912
		\$ 10,608,327
Containers and Glass Products 3.7%		
Berry Plastics Corp.		
968	Term Loan, 2.35%, Maturing April 3, 2015	\$ 857,447
BWAY Corp.		
36	Term Loan, 5.50%, Maturing June 16, 2017	36,429
389	Term Loan, 5.50%, Maturing June 16, 2017	388,571
Consolidated Container Co.		
500		433,750

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

	Term Loan - Second Lien, 5.88%, Maturing September 28, 2014	
Crown Americas, Inc.		
144	Term Loan, 2.10%, Maturing November 15, 2012	141,778
Graham Packaging Holdings Co.		
979	Term Loan, 2.69%, Maturing October 7, 2011	971,098
573	Term Loan, 6.75%, Maturing April 5, 2014	575,694
Graphic Packaging International, Inc.		
370	Term Loan, 2.30%, Maturing May 16, 2014	351,139
1,329	Term Loan, 3.04%, Maturing May 16, 2014	1,285,027
JSG Acquisitions		
638	Term Loan, 3.67%, Maturing December 31, 2014	621,940
638	Term Loan, 3.92%, Maturing December 31, 2014	621,940
Owens-Brockway Glass Container		
829	Term Loan, 1.85%, Maturing June 14, 2013	819,735
Reynolds Group Holdings, Inc.		
450	Term Loan, 5.75%, Maturing May 5, 2016	447,750
472	Term Loan, 6.25%, Maturing May 5, 2016	469,907
Smurfit-Stone Container Corp.		
1,175	Term Loan, 6.75%, Maturing February 22, 2016	1,175,000
		\$ 9,197,205

Cosmetics / Toiletries 1.7%

Alliance Boots Holdings, Ltd.

GBP 1,775 Term Loan, 3.55%, Maturing July 5,
2015 \$ 2,413,948

American Safety Razor Co.

400 Term Loan - Second Lien, 10.50%,
Maturing January 30, 2014 73,000

Bausch & Lomb, Inc.

195 Term Loan, 3.60%, Maturing April 24,
2015 183,941

805 Term Loan, 3.65%, Maturing April 24,
2015 759,458

KIK Custom Products, Inc.

525	Term Loan - Second Lien, 5.32%, Maturing November 30, 2014	313,250
-----	---	---------

Prestige Brands, Inc.

424	Term Loan, 4.75%, Maturing March 24, 2016	422,878
-----	--	---------

\$ 4,166,475

Drugs 0.6%

Graceway Pharmaceuticals, LLC

348	Term Loan, 3.10%, Maturing May 3, 2012	\$ 286,852
152	Term Loan, 10.10%, Maturing November 3, 2013 ⁽²⁾	35,821
500	Term Loan - Second Lien, 6.85%, Maturing May 3, 2013	200,834

Pharmaceutical Holdings Corp.

65	Term Loan, 3.60%, Maturing January 30, 2012	63,688
----	--	--------

Warner Chilcott Corp.

339	Term Loan, 5.50%, Maturing October 30, 2014	338,995
160	Term Loan, 5.75%, Maturing April 30, 2015	159,628
266	Term Loan, 5.75%, Maturing April 30, 2015	265,810

\$ 1,351,628

Ecological Services and Equipment 1.7%

Blue Waste B.V. (AVR Acquisition)

EUR	500	Term Loan, 2.72%, Maturing March 31, 2014	\$ 555,960
-----	-----	--	------------

Kemble Water Structure, Ltd.

GBP	2,250	Term Loan - Second Lien, 4.88%, Maturing October 13, 2013	2,941,510
-----	-------	--	-----------

Sensus Metering Systems, Inc.

622	Term Loan, 7.00%, Maturing June 3, 2013	624,647
-----	--	---------

\$ 4,122,117

Electronics / Electrical 4.5%

Aspect Software, Inc.

773 Term Loan, 6.25%, Maturing April 19,
2016 \$ 758,890

Christie/Aix, Inc.

371 Term Loan, 5.25%, Maturing April 29,
2016 368,308

See notes to financial statements

Eaton Vance Senior Income Trust as of June 30, 2010

PORTFOLIO OF INVESTMENTS CONT D

Principal Amount* (000 s omitted)	Borrower/Tranche Description	Value
Electronics / Electrical (continued)		
FCI International S.A.S.		
86	Term Loan, 3.67%, Maturing November 1, 2013	\$ 79,088
83	Term Loan, 3.67%, Maturing November 1, 2013	76,139
83	Term Loan, 3.67%, Maturing October 31, 2014	76,139
86	Term Loan, 3.67%, Maturing October 31, 2014	79,088
Freescale Semiconductor, Inc.		
797	Term Loan, 4.60%, Maturing December 1, 2016	701,750
Infor Enterprise Solutions Holdings		
250	Term Loan, 5.85%, Maturing March 2, 2014	193,750
489	Term Loan, 5.10%, Maturing July 28, 2015	447,129
378	Term Loan, 6.10%, Maturing July 28, 2015	353,348
725	Term Loan, 6.10%, Maturing July 28, 2015	677,704
92	Term Loan - Second Lien, 6.60%, Maturing March 2, 2014	67,833
158	Term Loan - Second Lien, 6.60%, Maturing March 2, 2014	113,208
Network Solutions, LLC		
1,200	Term Loan, 2.60%, Maturing March 7, 2014	1,126,183
Open Solutions, Inc.		
1,161	Term Loan, 2.45%, Maturing January 23, 2014	1,029,849
Sensata Technologies Finance Co.		
1,822	Term Loan, 2.08%, Maturing April 26, 2013	1,705,667
Spectrum Brands, Inc.		

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

1,600	Term Loan, 8.00%, Maturing June 16, 2016	1,605,667
SS&C Technologies, Inc.		
679	Term Loan, 2.48%, Maturing November 28, 2012	658,664
VeriFone, Inc.		
367	Term Loan, 3.10%, Maturing October 31, 2013	357,947
Vertafore, Inc.		
476	Term Loan, 5.50%, Maturing July 31, 2014	466,901
		\$ 10,943,252

Equipment Leasing 0.6%

AWAS Capital, Inc.

823	Term Loan - Second Lien, 6.56%, Maturing March 22, 2013	\$ 677,253
Hertz Corp.		
88	Term Loan, 2.10%, Maturing December 21, 2012	84,214
806	Term Loan, 2.10%, Maturing December 21, 2012	769,358
		\$ 1,530,825

Farming / Agriculture 0.5%

CF Industries, Inc.

975	Term Loan, 4.50%, Maturing April 6, 2015	\$ 977,792
WM. Bolthouse Farms, Inc.		
350	Term Loan, 5.50%, Maturing February 11, 2016	348,138
		\$ 1,325,930

Financial Intermediaries 4.2%

Citco III, Ltd.

1,023	Term Loan, 4.75%, Maturing May 30, 2014	\$ 968,954
-------	---	------------

First Data Corp.

496	Term Loan, 3.10%, Maturing September 24, 2014	418,164
1,491	Term Loan, 3.10%, Maturing September 24, 2014	1,259,572

Grosvenor Capital Management

1,139	Term Loan, 2.38%, Maturing December 5, 2013	1,047,515
-------	---	-----------

Jupiter Asset Management Group

GBP 159	Term Loan, 2.82%, Maturing March 17, 2015	227,709
---------	---	---------

LPL Holdings, Inc.

450	Term Loan, 2.22%, Maturing June 28, 2013	430,088
1,418	Term Loan, 4.25%, Maturing June 25, 2015	1,367,970
1,072	Term Loan, 5.25%, Maturing June 28, 2017	1,062,930

MSCI, Inc.

1,625	Term Loan, 4.75%, Maturing June 1, 2016	1,626,354
-------	---	-----------

Nuveen Investments, Inc.

1,721	Term Loan, 3.45%, Maturing November 13, 2014	1,450,445
-------	--	-----------

Oxford Acquisition III, Ltd.

191	Term Loan, 2.06%, Maturing May 12, 2014	168,725
-----	---	---------

RJO Holdings Corp. (RJO Brien)

240	Term Loan, 5.40%, Maturing July 12, 2014 ⁽²⁾	163,258
-----	---	---------

\$ 10,191,684

Food Products 3.0%

Acosta, Inc.

1,585	Term Loan, 2.60%, Maturing July 28, 2013	\$ 1,498,845
-------	--	--------------

Dean Foods Co.

808	Term Loan, 1.92%, Maturing April 2, 2014	752,837
-----	--	---------

Dole Food Company, Inc.

490	Term Loan, 5.02%, Maturing March 2, 2017	489,764
-----	--	---------

	197	Term Loan, 5.04%, Maturing March 2, 2017	197,187
Pinnacle Foods Finance, LLC			
	2,928	Term Loan, 2.85%, Maturing April 2, 2014	2,750,583
Provimi Group SA			
	120	Term Loan, 2.60%, Maturing June 28, 2015	110,849
	147	Term Loan, 2.60%, Maturing June 28, 2015	136,414
EUR	155	Term Loan, 2.72%, Maturing June 28, 2015	175,326
EUR	250	Term Loan, 2.72%, Maturing June 28, 2015	282,891
EUR	267	Term Loan, 2.72%, Maturing June 28, 2015	302,154
EUR	344	Term Loan, 2.72%, Maturing June 28, 2015	389,642
	119	Term Loan - Second Lien, 4.60%, Maturing December 28, 2016	99,319
EUR	19	Term Loan - Second Lien, 4.72%, Maturing December 28, 2016	19,813
EUR	265	Term Loan - Second Lien, 4.72%, Maturing December 28, 2016	271,351
			\$ 7,476,975

See notes to financial statements

Eaton Vance Senior Income Trust as of June 30, 2010

PORTFOLIO OF INVESTMENTS CONT D

Principal Amount* (000 s omitted)	Borrower/Tranche Description	Value	
Food Service	3.7%		
AFC Enterprises, Inc.			
121	Term Loan, 7.00%, Maturing May 11, 2013	\$ 120,788	
Aramark Corp.			
88	Term Loan, 2.07%, Maturing January 27, 2014	82,492	
1,203	Term Loan, 2.41%, Maturing January 27, 2014	1,125,510	
GBP	483	Term Loan, 2.86%, Maturing January 27, 2014	692,067
	157	Term Loan, 3.45%, Maturing July 26, 2016	151,078
	2,386	Term Loan, 3.78%, Maturing July 26, 2016	2,297,245
Buffets, Inc.			
623	Term Loan, 12.00%, Maturing April 21, 2015 ⁽²⁾	566,336	
60	Term Loan, 7.53%, Maturing April 22, 2015 ⁽²⁾	46,424	
CBRL Group, Inc.			
490	Term Loan, 1.85%, Maturing April 29, 2013	477,099	
313	Term Loan, 2.85%, Maturing April 27, 2016	305,563	
Denny's, Inc.			
53	Term Loan, 2.30%, Maturing March 31, 2012	52,172	
114	Term Loan, 2.48%, Maturing March 31, 2012	113,039	
Maine Beverage Co., LLC			
185	Term Loan, 2.04%, Maturing March 31, 2013	177,857	
NPC International, Inc.			
162	Term Loan, 2.10%, Maturing May 3, 2013	155,313	

OSI Restaurant Partners, LLC

148	Term Loan, 2.81%, Maturing June 14, 2013	127,610
1,584	Term Loan, 2.88%, Maturing June 14, 2014	1,367,625

QCE Finance, LLC

451	Term Loan, 5.13%, Maturing May 5, 2013	379,658
500	Term Loan - Second Lien, 6.10%, Maturing November 5, 2013	341,666

Wendys/Arbys Restaurants, LLC

425	Term Loan, 5.00%, Maturing May 24, 2017	425,000
-----	---	---------

\$ 9,004,542

Food / Drug Retailers 4.0%

General Nutrition Centers, Inc.

2,796	Term Loan, 2.61%, Maturing September 16, 2013	\$ 2,632,937
-------	---	--------------

Pantry, Inc. (The)

118	Term Loan, 2.10%, Maturing May 15, 2014	113,604
412	Term Loan, 2.10%, Maturing May 15, 2014	394,563

Rite Aid Corp.

3,535	Term Loan, 2.10%, Maturing June 4, 2014	3,057,269
540	Term Loan, 6.00%, Maturing June 4, 2014	509,478
498	Term Loan, 9.50%, Maturing June 10, 2015	507,126

Roundy's Supermarkets, Inc.

1,980	Term Loan, 7.00%, Maturing November 3, 2013	1,971,459
500	Term Loan - Second Lien, 10.00%, Maturing April 18, 2016	510,000

\$ 9,696,436

Forest Products 1.7%

Georgia-Pacific Corp.

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

3,656	Term Loan, 2.54%, Maturing December 21, 2012	\$ 3,542,437
507	Term Loan, 3.79%, Maturing December 23, 2014	501,512
		\$ 4,043,949

Health Care 16.9%

Alliance Healthcare Services

572	Term Loan, 5.50%, Maturing June 1, 2016	\$ 563,305
-----	--	------------

American Medical Systems

151	Term Loan, 2.63%, Maturing July 20, 2012	146,853
-----	---	---------

Aveta Holdings, LLC

307	Term Loan, 8.00%, Maturing April 14, 2015	297,441
307	Term Loan, 8.00%, Maturing April 14, 2015	297,441

Biomet, Inc.

2,972	Term Loan, 3.51%, Maturing March 25, 2015	2,862,957
-------	--	-----------

Bright Horizons Family Solutions, Inc.

465	Term Loan, 7.50%, Maturing May 28, 2015	465,632
-----	--	---------

Cardinal Health 409, Inc.

1,289	Term Loan, 2.60%, Maturing April 10, 2014	1,162,440
-------	--	-----------

Carestream Health, Inc.

1,167	Term Loan, 2.35%, Maturing April 30, 2013	1,102,608
500	Term Loan - Second Lien, 5.60%, Maturing October 30, 2013	463,542

Carl Zeiss Vision Holding GmbH

630	Term Loan, 2.85%, Maturing July 24, 2015	508,725
-----	---	---------

Community Health Systems, Inc.

243	Term Loan, 2.79%, Maturing July 25, 2014	226,951
4,730	Term Loan, 2.79%, Maturing July 25, 2014	4,423,496

Concentra, Inc.

370	Term Loan - Second Lien, 6.04%, Maturing June 25, 2015	335,172
-----	---	---------

ConMed Corp.

247		227,393
-----	--	---------

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

		Term Loan, 1.85%, Maturing April 12, 2013	
Convatec Cidron			
EUR	999	Term Loan, 3.97%, Maturing August 1, 2015	1,186,383
CRC Health Corp.			
	236	Term Loan, 2.78%, Maturing February 6, 2013	218,586
	261	Term Loan, 2.78%, Maturing February 6, 2013	241,652
DaVita, Inc.			
	715	Term Loan, 1.87%, Maturing October 5, 2012	698,780
DJO Finance, LLC			
	395	Term Loan, 3.35%, Maturing May 20, 2014	377,653
Fenwal, Inc.			
	500	Term Loan - Second Lien, 5.79%, Maturing August 28, 2014	430,000
Hanger Orthopedic Group, Inc.			
	384	Term Loan, 2.35%, Maturing May 28, 2013	372,962

See notes to financial statements

Eaton Vance Senior Income Trust as of June 30, 2010

PORTFOLIO OF INVESTMENTS CONT D

Principal Amount* (000 s omitted)	Borrower/Tranche Description	Value
Health Care (continued)		
HCA, Inc.		
925	Term Loan, 2.78%, Maturing November 18, 2013	\$ 874,219
2,218	Term Loan, 3.78%, Maturing March 31, 2017	2,124,164
Health Management Association, Inc.		
2,398	Term Loan, 2.28%, Maturing February 28, 2014	2,236,821
HealthSouth Corp.		
788	Term Loan, 2.79%, Maturing March 11, 2013	761,019
649	Term Loan, 4.29%, Maturing September 10, 2015	640,055
Iasis Healthcare, LLC		
41	Term Loan, 2.35%, Maturing March 14, 2014	38,821
152	Term Loan, 2.35%, Maturing March 14, 2014	142,667
439	Term Loan, 2.35%, Maturing March 14, 2014	412,212
Ikaria Acquisition, Inc.		
500	Term Loan, 7.00%, Maturing May 16, 2016	485,000
IM U.S. Holdings, LLC		
2,350	Term Loan - Second Lien, 4.57%, Maturing June 26, 2015	2,261,875
IMS Health, Inc.		
644	Term Loan, 5.25%, Maturing February 26, 2016	640,371
inVentiv Health, Inc.		
429	Term Loan, 2.29%, Maturing July 6, 2014	422,088
Lifepoint Hospitals, Inc.		
1,086	Term Loan, 3.25%, Maturing April 15, 2015	1,052,706

MPT Operating Partnership, L.P.

525	Term Loan, 5.00%, Maturing May 17, 2016	522,375
-----	---	---------

MultiPlan Merger Corp.

274	Term Loan, 3.63%, Maturing April 12, 2013	262,726
-----	---	---------

589	Term Loan, 3.63%, Maturing April 12, 2013	564,342
-----	---	---------

Mylan, Inc.

1,358	Term Loan, 3.75%, Maturing October 2, 2014	1,349,493
-------	--	-----------

National Mentor Holdings, Inc.

34	Term Loan, 2.30%, Maturing June 29, 2013	30,240
----	--	--------

544	Term Loan, 2.54%, Maturing June 29, 2013	489,370
-----	--	---------

National Renal Institutes, Inc.

380	Term Loan, 9.00%, Maturing March 31, 2013	371,185
-----	---	---------

Nyco Holdings

1,486	Term Loan, 2.60%, Maturing December 29, 2014	1,351,883
-------	--	-----------

1,486	Term Loan, 3.35%, Maturing December 29, 2015	1,351,883
-------	--	-----------

Physiotherapy Associates, Inc.

346	Term Loan, 7.50%, Maturing June 27, 2013	273,599
-----	--	---------

Prime Healthcare Services, Inc.

1,172	Term Loan, 7.25%, Maturing April 22, 2015	1,136,901
-------	---	-----------

RadNet Management, Inc.

549	Term Loan, 5.75%, Maturing April 1, 2016	545,196
-----	--	---------

ReAble Therapeutics Finance, LLC

859	Term Loan, 2.43%, Maturing November 16, 2013	827,020
-----	--	---------

RehabCare Group, Inc.

413	Term Loan, 6.00%, Maturing November 24, 2015	412,010
-----	--	---------

Select Medical Holdings Corp.

927	Term Loan, 4.23%, Maturing August 22, 2014	897,338
-----	--	---------

Skillsoft Corp.

500	Term Loan, 6.50%, Maturing May 19, 2017	499,219
-----	---	---------

Sunrise Medical Holdings, Inc.

EUR	148	Term Loan, 8.00%, Maturing May 13, 2014	170,245
-----	-----	---	---------

Vanguard Health Holding Co., LLC

750	Term Loan, 5.00%, Maturing January 29, 2016	741,375
-----	---	---------

VWR Funding, Inc.

980	Term Loan, 2.85%, Maturing June 30, 2014	912,453
-----	--	---------

\$ 41,410,843

Home Furnishings 1.0%

Hunter Fan Co.

221	Term Loan, 2.85%, Maturing April 16, 2014	\$ 198,454
-----	---	------------

Interline Brands, Inc.

136	Term Loan, 2.10%, Maturing June 23, 2013	126,763
-----	--	---------

501	Term Loan, 2.10%, Maturing June 23, 2013	465,662
-----	--	---------

National Bedding Co., LLC

967	Term Loan, 2.32%, Maturing February 28, 2013	926,381
-----	--	---------

350	Term Loan - Second Lien, 5.31%, Maturing February 28, 2014	350,000
-----	--	---------

Oreck Corp.

128	Term Loan - Second Lien, 4.04%, Maturing March 19, 2016 ⁽⁵⁾	102,097
-----	--	---------

Sanitec Europe OY

EUR 387	Term Loan, 2.50%, Maturing June 24, 2016	382,487
---------	--	---------

\$ 2,551,844

Industrial Equipment 3.3%

Brand Energy and Infrastructure Services, Inc.

459	Term Loan, 2.81%, Maturing February 7, 2014	\$ 409,802
-----	---	------------

392	Term Loan, 3.80%, Maturing February 7, 2014	362,858
-----	---	---------

Bucyrus International, Inc.

673	Term Loan, 4.50%, Maturing February 19, 2016	673,060
-----	--	---------

CEVA Group PLC U.S.

66	Term Loan, 3.53%, Maturing November 4, 2013	57,401
----	---	--------

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

542	Term Loan, 3.35%, Maturing January 4, 2014	473,952
EPD Holdings, (Goodyear Engineering Products)		
40	Term Loan, 2.85%, Maturing July 31, 2014	33,391
277	Term Loan, 2.85%, Maturing July 31, 2014	233,136
425	Term Loan - Second Lien, 6.10%, Maturing July 13, 2015	330,791
Generac Acquisition Corp.		
545	Term Loan, 2.79%, Maturing November 11, 2013	500,671

See notes to financial statements

Eaton Vance Senior Income Trust as of June 30, 2010

PORTFOLIO OF INVESTMENTS CONT D

Principal Amount* (000 s omitted)	Borrower/Tranche Description	Value
Industrial Equipment (continued)		
Gleason Corp.		
390	Term Loan, 2.15%, Maturing June 30, 2013	\$ 360,718
Jason, Inc.		
264	Term Loan, 7.00%, Maturing July 30, 2010	197,736
John Maneely Co.		
1,138	Term Loan, 3.55%, Maturing December 9, 2013	1,076,029
LN Acquisitions Corp.		
123	Term Loan, 3.60%, Maturing July 11, 2014	116,237
318	Term Loan, 3.60%, Maturing July 11, 2014	301,639
Polypore, Inc.		
1,540	Term Loan, 2.35%, Maturing July 3, 2014	1,478,753
Sequa Corp.		
397	Term Loan, 3.57%, Maturing December 3, 2014	360,682
TFS Acquisition Corp.		
1,134	Term Loan, 14.00%, Maturing August 11, 2013 ⁽²⁾	1,108,245
		\$ 8,075,101
Insurance 2.5%		
AmWINS Group, Inc.		
500	Term Loan - Second Lien, 6.04%, Maturing June 8, 2013	\$ 422,500

Applied Systems, Inc.

1,573	Term Loan, 2.85%, Maturing September 26, 2013	1,458,628
-------	--	-----------

CCC Information Services Group, Inc.

304	Term Loan, 2.60%, Maturing February 10, 2013	294,664
-----	---	---------

Conseco, Inc.

1,416	Term Loan, 7.50%, Maturing October 10, 2013	1,371,976
-------	--	-----------

Crawford & Company

621	Term Loan, 5.25%, Maturing October 30, 2013	608,125
-----	--	---------

Hub International Holdings, Inc.

181	Term Loan, 3.03%, Maturing June 13, 2014	162,166
-----	---	---------

806	Term Loan, 3.03%, Maturing June 13, 2014	721,454
-----	---	---------

273	Term Loan, 6.75%, Maturing June 13, 2014	262,020
-----	---	---------

U.S.I. Holdings Corp.

922	Term Loan, 3.29%, Maturing May 5, 2014	839,141
-----	---	---------

\$ 6,140,674

Leisure Goods / Activities / Movies 8.0%

AMC Entertainment, Inc.

1,942	Term Loan, 2.10%, Maturing January 28, 2013	\$ 1,858,732
-------	--	--------------

AMF Bowling Worldwide, Inc.

500	Term Loan - Second Lien, 6.60%, Maturing December 8, 2013	396,250
-----	--	---------

Bombardier Recreational Products

980	Term Loan, 3.19%, Maturing June 28, 2013	826,049
-----	---	---------

Butterfly Wendel US, Inc.

423	Term Loan, 3.87%, Maturing June 23, 2014	360,762
-----	---	---------

577	Term Loan, 4.12%, Maturing June 22, 2015	492,238
-----	---	---------

Carmike Cinemas, Inc.

1,149	Term Loan, 5.50%, Maturing January 27, 2016	1,143,869
-------	--	-----------

Cedar Fair, L.P.

147	Term Loan, 2.35%, Maturing August 30, 2012	144,682
-----	---	---------

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

1,631	Term Loan, 4.35%, Maturing August 30, 2014	1,616,726
CFV I, LLC/Hicks Sports Group		
28	Term Loan, 6.88%, Maturing August 1, 2010 ⁽²⁾⁽³⁾	27,346
Cinemark, Inc.		
1,925	Term Loan, 3.59%, Maturing April 29, 2016	1,875,186
Dave & Buster s, Inc.		
500	Term Loan, 6.00%, Maturing May 25, 2015	497,500
Deluxe Entertainment Services		
59	Term Loan, 6.25%, Maturing May 11, 2013	53,171
543	Term Loan, 6.25%, Maturing May 11, 2013	490,461
35	Term Loan, 6.36%, Maturing May 11, 2013	31,978
Metro-Goldwyn-Mayer Holdings, Inc.		
1,239	Term Loan, 0.00%, Maturing April 9, 2012 ⁽⁷⁾	565,142
National CineMedia, LLC		
1,900	Term Loan, 2.29%, Maturing February 13, 2015	1,796,292
Regal Cinemas Corp.		
2,368	Term Loan, 4.03%, Maturing November 21, 2016	2,319,456
Revolution Studios Distribution Co., LLC		
527	Term Loan, 4.10%, Maturing December 21, 2014	453,155
450	Term Loan - Second Lien, 7.35%, Maturing June 21, 2015	274,500
Six Flags Theme Parks, Inc.		
1,325	Term Loan, 6.00%, Maturing June 30, 2016	1,315,885
Southwest Sports Group, LLC		
600	Term Loan, 6.75%, Maturing December 22, 2010	527,250
SW Acquisition Co., Inc.		
896	Term Loan, 5.75%, Maturing June 1, 2016	895,080
Universal City Development Partners, Ltd.		
1,244	Term Loan, 5.50%, Maturing November 6, 2014	1,241,154
Zuffa, LLC		
487	Term Loan, 2.44%, Maturing June 22, 2015	461,542
		\$ 19,664,406

Lodging and Casinos 4.4%

Ameristar Casinos, Inc.

573	Term Loan, 3.56%, Maturing November 10, 2012	\$ 569,896
-----	---	------------

Gala Electric Casinos, Ltd.

GBP 1,000	Term Loan, 4.93%, Maturing December 12, 2013	1,304,350
-----------	---	-----------

GBP 1,000	Term Loan, 5.43%, Maturing December 12, 2014	1,304,350
-----------	---	-----------

See notes to financial statements

Eaton Vance Senior Income Trust as of June 30, 2010

PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount* (000's omitted)	Borrower/Tranche Description	Value
Lodging and Casinos (continued)		
Harrah's Operating Co.		
1,579	Term Loan, 3.32%, Maturing January 28, 2015	\$ 1,313,162
995	Term Loan, 9.50%, Maturing October 31, 2016	998,618
Herbst Gaming, Inc.		
457	Term Loan, 0.00%, Maturing December 2, 2011 ⁽⁷⁾	289,328
508	Term Loan, 0.00%, Maturing December 2, 2011 ⁽⁷⁾	321,172
Isle of Capri Casinos, Inc.		
100	Term Loan, 5.00%, Maturing November 25, 2013	94,095
114	Term Loan, 5.00%, Maturing November 25, 2013	106,985
285	Term Loan, 5.00%, Maturing November 25, 2013	267,463
LodgeNet Entertainment Corp.		
654	Term Loan, 2.54%, Maturing April 4, 2014	599,795
New World Gaming Partners, Ltd.		
532	Term Loan, 4.79%, Maturing September 30, 2014	504,691
108	Term Loan, 6.78%, Maturing September 30, 2014	102,222
Penn National Gaming, Inc.		
388	Term Loan, 2.10%, Maturing October 3, 2012	375,057
Tropicana Entertainment, Inc.		
131	Term Loan, 15.00%, Maturing December 29, 2012	144,309
Venetian Casino Resort/Las Vegas Sands, Inc.		
451	Term Loan, 2.10%, Maturing May 23, 2014	399,647
1,785		1,582,275

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

	Term Loan, 2.10%, Maturing May 23, 2014	
VML US Finance, LLC		
200	Term Loan, 5.04%, Maturing May 25, 2012	195,374
401	Term Loan, 5.04%, Maturing May 27, 2013	390,749
		\$ 10,863,538

Nonferrous Metals / Minerals 0.8%

Euramax International, Inc.

165	Term Loan, 10.00%, Maturing June 29, 2013	\$ 155,824
174	Term Loan, 14.00%, Maturing June 29, 2013 ⁽²⁾	164,061

Noranda Aluminum Acquisition

113	Term Loan, 2.54%, Maturing May 18, 2014	103,571
-----	---	---------

Novelis, Inc.

326	Term Loan, 2.35%, Maturing July 6, 2014	308,684
717	Term Loan, 2.54%, Maturing July 6, 2014	679,145

Oxbow Carbon and Mineral Holdings

570	Term Loan, 2.53%, Maturing May 8, 2014	539,620
-----	--	---------

\$ 1,950,905

Oil and Gas 4.4%

Atlas Pipeline Partners, L.P.

2,218	Term Loan, 6.75%, Maturing July 27, 2014	\$ 2,208,360
-------	--	--------------

Big West Oil, LLC

174	Term Loan, 4.50%, Maturing May 15, 2014	172,261
218	Term Loan, 4.50%, Maturing May 15, 2014	216,557

Citgo Petroleum Corp.

275	Term Loan, Maturing June 24, 2015 ⁽⁴⁾	270,016
-----	--	---------

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

1,275	Term Loan, Maturing June 15, 2017 ⁽⁴⁾	1,267,987
Dresser, Inc.		
481	Term Loan, 2.70%, Maturing May 4, 2014	443,661
700	Term Loan - Second Lien, 6.20%, Maturing May 4, 2015	651,700
Dynegy Holdings, Inc.		
148	Term Loan, 4.10%, Maturing April 2, 2013	138,786
2,350	Term Loan, 4.10%, Maturing April 2, 2013	2,201,194
Enterprise GP Holdings, L.P.		
588	Term Loan, 2.57%, Maturing November 8, 2014	568,890
Hercules Offshore, Inc.		
752	Term Loan, 6.00%, Maturing July 11, 2013	659,166
SemGroup Corp.		
396	Term Loan, 7.00%, Maturing November 30, 2012	392,009
515	Term Loan, 7.50%, Maturing June 2, 2014	513,349
Sheridan Production Partners I, LLC		
53	Term Loan, 7.50%, Maturing April 20, 2017	51,592
87	Term Loan, 7.50%, Maturing April 20, 2017	84,465
654	Term Loan, 7.50%, Maturing April 20, 2017	637,432
Targa Resources, Inc.		
253	Term Loan, 5.75%, Maturing July 5, 2016	252,694
		\$ 10,730,119

Publishing 5.8%

American Media Operations, Inc.

948 Term Loan, 10.00%, Maturing January 30, 2013⁽²⁾ \$ 903,715

Aster Zweite Beteiligungs GmbH

500 Term Loan, 2.59%, Maturing September 27, 2013 443,750

EUR 236 Term Loan, 2.91%, Maturing December 31, 2014 261,360

GateHouse Media Operating, Inc.

324 134,267

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

	Term Loan, 2.35%, Maturing August 28, 2014	
723	Term Loan, 2.35%, Maturing August 28, 2014	299,519
349	Term Loan, 2.60%, Maturing August 28, 2014	144,595
Getty Images, Inc.		
1,381	Term Loan, 6.25%, Maturing July 2, 2015	1,387,538
Laureate Education, Inc.		
244	Term Loan, 3.57%, Maturing August 17, 2014	220,582
1,629	Term Loan, 3.57%, Maturing August 17, 2014	1,473,579
496	Term Loan, 7.00%, Maturing August 31, 2014	487,069
Local Insight Regatta Holdings, Inc.		
789	Term Loan, 7.75%, Maturing April 23, 2015	670,496
MediaNews Group, Inc.		
97	Term Loan, 8.50%, Maturing March 19, 2014	91,625
Merrill Communications, LLC		
645	Term Loan, 8.50%, Maturing December 24, 2012	607,011

See notes to financial statements

Eaton Vance Senior Income Trust as of June 30, 2010

PORTFOLIO OF INVESTMENTS CONT D

Principal Amount* (000 s omitted)	Borrower/Tranche Description	Value
Publishing (continued)		
Nelson Education, Ltd.		
243	Term Loan, 3.03%, Maturing July 5, 2014	\$ 223,675
Nielsen Finance, LLC		
2,257	Term Loan, 2.35%, Maturing August 9, 2013	2,126,459
990	Term Loan, 4.10%, Maturing May 2, 2016	954,707
PagesJaunes Group, SA		
EUR 500	Term Loan, 4.97%, Maturing April 8, 2016	401,630
Philadelphia Newspapers, LLC		
378	Term Loan, 0.00%, Maturing June 29, 2013 ⁽⁷⁾	115,181
SGS International, Inc.		
276	Term Loan, 2.88%, Maturing December 30, 2011	269,208
Source Media, Inc.		
541	Term Loan, 6.04%, Maturing November 8, 2011	523,384
Springer Science+Business Media, SA		
EUR 500	Term Loan, Maturing June 30, 2015 ⁽⁴⁾	610,661
Tribune Co.		
790	Term Loan, 0.00%, Maturing June 7, 2011 ⁽⁷⁾	478,891
Xsys, Inc.		
605	Term Loan, 2.59%, Maturing September 27, 2013	537,047
618	Term Loan, 2.59%, Maturing September 27, 2014	548,552
EUR 264	Term Loan, 2.91%, Maturing December 31, 2014	291,979
		\$ 14,206,480

Radio and Television 2.8%

Block Communications, Inc.

430 Term Loan, 2.35%, Maturing
December 22, 2011 \$ 405,039

CMP KC, LLC

478 Term Loan, 6.25%, Maturing May 3,
2011⁽⁵⁾ 137,213

CMP Susquehanna Corp.

891 Term Loan, 2.38%, Maturing May 5,
2013 765,477

Emmis Operating Co.

411 Term Loan, 4.54%, Maturing
November 1, 2013 363,260

Gray Television, Inc.

366 Term Loan, 3.80%, Maturing
December 31, 2014 343,016

HIT Entertainment, Inc.

586 Term Loan, 5.60%, Maturing June 1,
2012 546,829

Live Nation Worldwide, Inc.

1,147 Term Loan, 4.50%, Maturing
November 7, 2016 1,139,477

Mission Broadcasting, Inc.

263 Term Loan, 5.00%, Maturing
September 30, 2016 260,289

NEP II, Inc.

304 Term Loan, 2.35%, Maturing
February 16, 2014 284,911

Nexstar Broadcasting, Inc.

412 Term Loan, 5.00%, Maturing
September 30, 2016 407,118

Raycom TV Broadcasting, LLC

771 Term Loan, 1.88%, Maturing June 25,
2014 717,146

Univision Communications, Inc.

1,689 Term Loan, 2.60%, Maturing
September 29, 2014 1,422,042

\$ 6,791,817

Rail Industries 0.4%

Kansas City Southern Railway Co.

982	Term Loan, 2.15%, Maturing April 26, 2013	\$	956,615
-----	---	----	---------

		\$	956,615
--	--	----	----------------

Retailers (Except Food and Drug) 3.7%

American Achievement Corp.

53	Term Loan, 6.26%, Maturing March 25, 2011	\$	50,492
----	---	----	--------

Amscan Holdings, Inc.

273	Term Loan, 2.79%, Maturing May 25, 2013		259,727
-----	---	--	---------

Harbor Freight Tools USA, Inc.

436	Term Loan, 5.02%, Maturing February 23, 2016		434,700
-----	--	--	---------

Jostens Corp.

880	Term Loan, 2.35%, Maturing October 4, 2011		869,374
-----	--	--	---------

Mapco Express, Inc.

131	Term Loan, 6.50%, Maturing April 28, 2011		127,746
-----	---	--	---------

Neiman Marcus Group, Inc.

984	Term Loan, 2.47%, Maturing April 5, 2013		923,510
-----	--	--	---------

Orbitz Worldwide, Inc.

1,535	Term Loan, 3.40%, Maturing July 25, 2014		1,441,581
-------	--	--	-----------

Oriental Trading Co., Inc.

700	Term Loan - Second Lien, 6.54%, Maturing January 31, 2014		122,500
-----	---	--	---------

Pilot Travel Centers, LLC

575	Term Loan, Maturing April 29, 2016 ⁽⁴⁾		574,382
-----	---	--	---------

Rent-A-Center, Inc.

23	Term Loan, 2.18%, Maturing June 30, 2012		22,283
----	--	--	--------

395	Term Loan, 3.54%, Maturing March 31, 2015		391,029
-----	---	--	---------

Rover Acquisition Corp.

1,110	Term Loan, 2.68%, Maturing October 25, 2013		1,062,355
-------	---	--	-----------

Savers, Inc.

600	Term Loan, 5.75%, Maturing March 11, 2016		603,000
-----	---	--	---------

Vivarte

EUR	1,000		891,152
-----	-------	--	---------

	Term Loan - Second Lien, 3.93%, Maturing September 8, 2016	
Yankee Candle Company, Inc. (The)		
1,419	Term Loan, 2.35%, Maturing February 6, 2014	1,354,499
		\$ 9,128,330

See notes to financial statements

Eaton Vance Senior Income Trust as of June 30, 2010

PORTFOLIO OF INVESTMENTS CONT D

Principal Amount* (000 s omitted)	Borrower/Tranche Description	Value
Steel 0.1%		
Niagara Corp.		
375	Term Loan, 10.50%, Maturing June 29, 2014 ⁽²⁾⁽⁵⁾	\$ 355,995
		\$ 355,995
Surface Transport 0.5%		
Oshkosh Truck Corp.		
370	Term Loan, 6.54%, Maturing December 6, 2013	\$ 370,866
Swift Transportation Co., Inc.		
982	Term Loan, 8.25%, Maturing May 10, 2014	910,962
		\$ 1,281,828
Telecommunications 5.4%		
Alaska Communications Systems Holdings, Inc.		
2,028	Term Loan, 2.28%, Maturing February 1, 2012	\$ 1,959,926
Asurion Corp.		
769	Term Loan, 3.36%, Maturing July 3, 2014	730,179
500	Term Loan - Second Lien, 6.85%, Maturing July 3, 2015	487,813

CommScope, Inc.

840	Term Loan, 3.03%, Maturing December 26, 2014	820,750
-----	---	---------

Intelsat Corp.

1,416	Term Loan, 2.79%, Maturing January 3, 2014	1,314,429
-------	---	-----------

1,416	Term Loan, 2.79%, Maturing January 3, 2014	1,314,429
-------	---	-----------

1,416	Term Loan, 2.79%, Maturing January 3, 2014	1,314,833
-------	---	-----------

Intelsat Subsidiary Holding Co.

507	Term Loan, 2.79%, Maturing July 3, 2013	478,761
-----	--	---------

Macquarie UK Broadcast Ventures, Ltd.

GBP 414	Term Loan, 2.57%, Maturing December 1, 2014	520,329
---------	--	---------

NTelos, Inc.

993	Term Loan, 5.75%, Maturing August 7, 2015	992,996
-----	--	---------

Palm, Inc.

413	Term Loan, 5.75%, Maturing October 24, 2014	414,001
-----	--	---------

Telenet Bidco N.V.

EUR 500	Term Loan, Maturing July 16, 2017 ⁽⁴⁾	589,261
---------	--	---------

Telesat Canada, Inc.

113	Term Loan, 3.35%, Maturing October 31, 2014	108,198
-----	--	---------

1,317	Term Loan, 3.35%, Maturing October 31, 2014	1,259,710
-------	--	-----------

Trilogy International Partners

475	Term Loan, 4.03%, Maturing June 29, 2012	432,250
-----	---	---------

Windstream Corp.

632	Term Loan, 3.06%, Maturing December 17, 2015	619,738
-----	---	---------

\$ 13,357,603

Utilities 5.1%

AEI Finance Holding, LLC

145	Revolving Loan, 3.10%, Maturing March 30, 2012	\$ 135,299
-----	---	------------

963	Term Loan, 3.53%, Maturing March 30, 2014	898,487
-----	--	---------

Astoria Generating Co.

625	Term Loan - Second Lien, 4.29%, Maturing August 23, 2013	585,417
-----	---	---------

Calpine Corp.

2,718	Term Loan, 3.42%, Maturing March 29, 2014	2,493,027
-------	---	-----------

Electricinvest Holding Co.

GBP 1,500	Term Loan, 5.07%, Maturing October 24, 2012	1,843,346
-----------	---	-----------

New Development Holdings, Inc.

1,000	Term Loan, Maturing June 8, 2017 ⁽⁴⁾	991,429
-------	---	---------

NRG Energy, Inc.

1	Term Loan, 2.18%, Maturing February 1, 2013	671
---	---	-----

265	Term Loan, 2.28%, Maturing February 1, 2013	253,407
-----	---	---------

991	Term Loan, 3.25%, Maturing August 31, 2015	949,167
-----	--	---------

1,830	Term Loan, 3.25%, Maturing August 31, 2015	1,752,221
-------	--	-----------

Pike Electric, Inc.

73	Term Loan, 2.13%, Maturing July 2, 2012	68,953
----	---	--------

125	Term Loan, 2.13%, Maturing December 10, 2012	117,750
-----	--	---------

TXU Texas Competitive Electric Holdings Co., LLC

1,791	Term Loan, 3.85%, Maturing October 10, 2014	
-------	---	--