

EATON VANCE SENIOR INCOME TRUST
Form N-CSR
August 25, 2011

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, 2011

Date of Reporting Period

Item 1. Reports to Stockholders

Eaton Vance
Senior Income Trust (EVF)

Annual Report
June 30, 2011

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

Annual Report June 30, 2011

Eaton Vance

Senior Income Trust

Table of Contents

Management's Discussion of Fund Performance	2
Performance	3
Fund Profile	4
Endnotes and Additional Disclosures	5
Financial Statements	6
Report of Independent Registered Public Accounting Firm	35
Federal Tax Information	36
Notice to Shareholders	37
Dividend Reinvestment Plan	38
Board of Trustees' Contract Approval	40
Management and Organization	43
Important Notices	45

Eaton Vance
Senior Income Trust
June 30, 2011

Management's Discussion of Fund Performance

Portfolio Managers Scott H. Page, CFA; John Redding

For the fiscal year ending June 30, 2011, Eaton Vance Senior Income Trust had total returns of 14.80% at net asset value (NAV) and 15.55% at market price. The Fund is a closed-end fund and trades on the New York Stock Exchange (NYSE) under the symbol EVF. The Fund's investment objective is to provide a high level of current income, consistent with the preservation of capital, by investing primarily in senior floating-rate loans.

Economic and Market Conditions

The bank loan market was relatively stable during the fiscal year ending June 30, 2011. Despite struggles early in March 2011 stemming from turmoil in the Middle East, the Japanese tsunami and continued European troubles, the floating-rate loan market generated positive returns during the period. The Fund's primary benchmark, the S&P/LSTA Leveraged Loan Index (Index), produced a return of 9.39% for the fiscal year.¹

The market's performance was driven by improving corporate fundamentals notably, earnings growth as well as stronger investor demand and greater liquidity in the marketplace. Toward the end of calendar year 2010, heavy inflows into bank loan mutual funds, increased refinancing activity and a general improvement in the overall tone of the market all contributed to an increase in the demand for loans, helping to lift prices. Issuer fundamentals also improved as exhibited by consistent year-over-year growth in EBITDA (earnings before interest, taxes, depreciation and amortization) for issuers in the Index. Fewer defaults brought the trailing 12-month market default rate to 1.9% by December 2010, down from a high of 10.8% in November 2009, a further indicator of fundamental strengthening. These trends continued into 2011, with the trailing 12-month market default rate declining to 0.9% as of June 30, 2011. Loan issuance has grown throughout the fiscal year, reflecting corporate confidence in this market's ability to raise capital and improved investor confidence in the sustainability of corporate earnings.

Management Discussion

Under normal market conditions, the Fund invests at least 80% of its total assets in senior, secured floating-rate loans (senior loans). In managing the Fund, 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 Fund may also invest in second-lien loans and high-yield bonds, and may employ leverage, which may increase risk. As of June 30, 2011, the Fund's investments included senior loans to 345 borrowers spanning 35 industries, with an average loan representing 0.25% of total investments, and no industry constituting more than 10.4% of total investments. Health care, business equipment and services, and telecommunications were the top three industry weightings.

During the 12-month period, the Fund's bank loan investments outperformed the broader bank loan market, as measured by the Index, primarily due to the successful use of leverage. The Fund's loans acquired with borrowings were bolstered by favorable conditions in the credit markets during the year. The Fund also benefited from being approximately 6.8% invested in high-yield bonds, which outperformed the bank loan market.

The Fund's bank loan holdings were biased toward the high-quality end of the loan market, which held back returns slightly, relative to the Index, as lower-quality loans tended to outperform for the year. In addition, defaulted loans in the Fund remained below those of the overall market as of June 30, 2011. Despite economic problems in certain European countries, the Fund's loan selections in Europe came from relatively stronger countries such as the United Kingdom, Germany and the Netherlands and contributed positively to its return for the period.

See Endnotes and Additional Disclosures on page 5.

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

month end, please refer to www.eatonvance.com.

Eaton Vance
Senior Income Trust
June 30, 2011
Performance²

NYSE Symbol**Inception Date (10/30/98)****EVF**

% Average Annual Total Returns at NAV

One Year 14.80

Five Years 3.92

Ten Years 5.11

% Average Annual Total Returns at market price, NYSE

One Year 15.55

Five Years 5.32

Ten Years 4.95

% Premium/Discount to NAV (6/30/11)

-0.55

Distributions

Total Distributions per share (6/30/10 6/30/11) \$0.441

Distribution Rate at NAV³ 5.47%Distribution Rate at market price³ 5.50%**% Total Leverage⁴**

Auction Preferred Shares (APS) 26.70

Borrowings 8.74

Comparative Performance¹**% Return**

S&P/LSTA Leveraged Loan Index

One Year 9.39

Five Years 5.14

Ten Years 5.16

See Endnotes and Additional Disclosures on page 5.

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

Eaton Vance
 Senior Income Trust
 June 30, 2011

Fund Profile

Top 10 Holdings (% of total investments)

Intelsat Jackson Holdings SA	1.3
NRG Energy, Inc.	1.2
Rite Aid Corp.	1.1
Community Health Systems, Inc.	1.1
Aramark Corp.	1.1
SunGard Data Systems, Inc.	1.0
Calpine Corp. (corporate bond)	1.0
Nielsen Finance, LLC	1.0
INEOS Group	0.9
Dynegy Holdings, Inc.	0.8

Total % of total investments 10.5

Top 10 Sectors (% of total investments)

Health Care	10.4
Business Equipment and Services	7.8
Telecommunications	5.8
Cable and Satellite Television	5.1
Leisure Goods/Activities/Movies	4.9
Publishing	4.3
Retailers (Except Food and Drug)	4.0
Food Service	4.0
Chemicals and Plastics	4.0
Electronics/Electrical	4.0

Total % of total investments 54.3

Credit Quality (% of loan holdings)⁵

See Endnotes and Additional Disclosures on page 5.

Eaton Vance
Senior Income Trust
June 30, 2011

Endnotes and Additional Disclosures

1. The S&P/LSTA Leveraged Loan Index is an unmanaged index of the institutional leveraged loan market. Unless otherwise stated, indices do not reflect any applicable sales charges, commissions, leverage, taxes or other expenses of investing. It is not possible to invest directly in an index.
2. Performance results reflect the effects of leverage.
3. The Distribution Rate is based on the Fund's last regular distribution per share in the period (annualized) divided by the Fund's NAV or market price at the end of the period. The Fund's distributions may be comprised of ordinary income, net realized capital gains and return of capital.
4. APS leverage represents the liquidation value of the Fund's APS outstanding as a percentage of Fund net assets applicable to common shares plus the APS and borrowings outstanding. Use of leverage creates an opportunity for income, but creates risks including greater price volatility. The cost of leverage rises and falls with changes in short-term interest rates. The Fund is required to maintain prescribed asset coverage for its APS and borrowings, which could be reduced if Fund asset values decline.
5. 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 shown.

Fund profile subject to change due to active management.

Eaton Vance
Senior Income Trust

June 30, 2011

Portfolio of Investments

Senior Floating-Rate Interests 136.9%

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Aerospace and Defense 3.0%		
Aeroflex, Inc.		
Term Loan, 4.25%, Maturing May 9, 2018	350	\$ 349,342
Booz Allen Hamilton, Inc.		
Term Loan, 4.00%, Maturing August 3, 2017	249	250,800
DAE Aviation Holdings, Inc.		
Term Loan, 5.28%, Maturing July 31, 2014	702	701,454
Term Loan, 5.28%, Maturing July 31, 2014	731	730,044
Delos Aircraft, Inc.		
Term Loan, 7.00%, Maturing March 17, 2016	425	427,884
Doncasters (Dundee HoldCo 4 Ltd.)		
Term Loan, 4.19%, Maturing May 15, 2015	206	194,221
Term Loan, 4.69%, Maturing May 13, 2016	206	194,222
Term Loan - Second Lien, 7.32%, Maturing January 13, 2016 EUR	417	547,763
Ducommun, Inc.		
Term Loan, Maturing June 28, 2017 ⁽²⁾	275	276,031
DynCorp International, LLC		
Term Loan, 6.25%, Maturing July 5, 2016	408	411,384
Evergreen International Aviation		
Term Loan, Maturing July 5, 2016 ⁽²⁾	450	436,500
IAP Worldwide Services, Inc.		
Term Loan, 9.25%, Maturing December 28, 2012	421	421,583
International Lease Finance Co.		
Term Loan, 6.75%, Maturing March 17, 2015	1,000	1,004,250
Spirit AeroSystems, Inc.		
Term Loan, 3.53%, Maturing September 30, 2016	604	607,484
TransDigm, Inc.		
Term Loan, 4.00%, Maturing February 14, 2017	1,095	1,099,716
Wyle Services Corp.		

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

Term Loan, 5.75%, Maturing March 27, 2017	416	417,167
		\$ 8,069,845

Automotive 5.1%

Allison Transmission, Inc.

Term Loan, 2.94%, Maturing August 7, 2014	2,417	\$ 2,374,067
---	-------	--------------

Chrysler Group, LLC

Term Loan, 6.00%, Maturing May 24, 2017	1,625	1,587,084
---	-------	-----------

Delphi Corp.

Term Loan, 3.50%, Maturing March 31, 2017	984	988,877
---	-----	---------

Federal-Mogul Corp.

Term Loan, 2.13%, Maturing December 29, 2014	2,221	2,106,338
--	-------	-----------

Term Loan, 2.13%, Maturing December 28, 2015	580	550,600
--	-----	---------

Ford Motor Co.

Term Loan, 2.94%, Maturing December 16, 2013	369	369,070
--	-----	---------

Term Loan, 2.94%, Maturing December 16, 2013	471	471,379
--	-----	---------

Goodyear Tire & Rubber Co.

Term Loan - Second Lien, 1.94%, Maturing April 30, 2014	2,300	2,220,321
---	-------	-----------

HHI Holdings, LLC

Term Loan, 7.00%, Maturing March 21, 2017	249	249,998
---	-----	---------

KAR Auction Services, Inc.

Term Loan, 5.00%, Maturing May 19, 2017	1,450	1,455,664
---	-------	-----------

Metaldyne, LLC

Term Loan, 5.25%, Maturing May 18, 2017	773	774,512
---	-----	---------

TriMas Corp.

Term Loan, 4.25%, Maturing June 29, 2017	525	526,969
--	-----	---------

\$ 13,674,879

Beverage and Tobacco 0.0%

Maine Beverage Co., LLC

Term Loan, 2.05%, Maturing March 31, 2013	118	\$ 114,754
---	-----	------------

\$ 114,754

Building and Development 1.4%

Armstrong World Industries, Inc.		
Term Loan, 4.00%, Maturing March 9, 2018	324	\$ 324,964
Beacon Sales Acquisition, Inc.		
Term Loan, 2.26%, Maturing September 30, 2013	335	328,278
Brickman Group Holdings, Inc.		
Term Loan, 7.25%, Maturing October 14, 2016	572	580,617
CB Richard Ellis Services, Inc.		
Term Loan, 3.25%, Maturing March 5, 2018 ⁽³⁾	347	343,292
Term Loan, 5.75%, Maturing September 4, 2019	328	324,015
November 2005 Land Investors, LLC		
Term Loan, 0.00%, Maturing March 31, 2011 ⁽⁴⁾⁽⁵⁾	152	15,242
Panolam Industries Holdings, Inc.		
Term Loan, 8.25%, Maturing December 31, 2013	487	450,094
RE/MAX International, Inc.		
Term Loan, 5.50%, Maturing April 15, 2016	875	877,525
South Edge, LLC		
Term Loan, 0.00%, Maturing October 31, 2009 ⁽⁴⁾	422	405,000
		\$ 3,649,027

Business Equipment and Services 11.7%

Axiom Corp.		
Term Loan, 3.27%, Maturing March 15, 2015	525	521,075

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2011

Portfolio of Investments continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Business Equipment and Services (continued)		
Advantage Sales & Marketing, Inc.		
Term Loan, 5.25%, Maturing December 18, 2017	920	\$ 926,123
Affinion Group, Inc.		
Term Loan, 5.00%, Maturing October 10, 2016	2,300	2,300,939
Allied Security Holdings, LLC		
Term Loan, 5.00%, Maturing February 3, 2017	499	501,555
BakerCorp.		
Term Loan, 5.00%, Maturing June 1, 2018	425	426,594
BAR/BRI Review Courses, Inc.		
Term Loan, Maturing June 16, 2017 ⁽²⁾	375	374,063
Dealer Computer Services, Inc.		
Term Loan, 3.75%, Maturing April 20, 2018	1,225	1,226,722
Education Management, LLC		
Term Loan, 2.00%, Maturing June 3, 2013	1,960	1,932,673
Fifth Third Processing Solutions, LLC		
Term Loan, 4.50%, Maturing November 3, 2016	622	625,038
iPayment, Inc.		
Term Loan, 5.75%, Maturing May 8, 2017	495	498,017
Kronos, Inc.		
Term Loan, 2.00%, Maturing June 11, 2014	548	541,943
Language Line, LLC		
Term Loan, 6.25%, Maturing June 20, 2016	1,076	1,080,248
Mercury Payment Systems Canada, LLC		
Term Loan, Maturing July 14, 2017 ⁽²⁾	325	325,406
Mitchell International, Inc.		
Term Loan - Second Lien, 5.50%, Maturing March 30, 2015	500	472,500
NE Customer Service		
Term Loan, 6.00%, Maturing March 23, 2016	813	811,823
Protection One Alarm Monitor, Inc.		
Term Loan, 6.00%, Maturing May 16, 2016	770	772,463

Quantum Corp.			
Term Loan, 3.75%, Maturing July 14, 2014		62	61,685
Quintiles Transnational Corp.			
Term Loan, 5.00%, Maturing June 8, 2018		2,175	2,164,806
Sabre, Inc.			
Term Loan, 2.21%, Maturing September 30, 2014		2,590	2,317,485
Serena Software, Inc.			
Term Loan, 4.25%, Maturing March 10, 2016		715	700,873
Sitel (Client Logic)			
Term Loan, 6.75%, Maturing January 30, 2014	EUR	586	849,153
Term Loan, 7.04%, Maturing January 30, 2017		303	304,623
Softlayer Tech, Inc.			
Term Loan, 7.25%, Maturing November 5, 2016		323	326,508
Solera Holdings, LLC			
Term Loan, 3.25%, Maturing May 16, 2014	EUR	407	586,988
SunGard Data Systems, Inc.			
Term Loan, 1.94%, Maturing February 28, 2014		2,530	2,471,646
Term Loan, 3.87%, Maturing February 26, 2016		1,860	1,858,969
SymphonyIRI Group, Inc.			
Term Loan, 5.00%, Maturing December 1, 2017		425	427,125
TASC, Inc.			
Term Loan, 4.50%, Maturing December 18, 2015		749	748,484
Town Sports International, Inc.			
Term Loan, 7.01%, Maturing May 4, 2018		524	525,651
TransUnion, LLC			
Term Loan, 4.75%, Maturing February 12, 2018		948	950,586
Travelport, LLC			
Term Loan, 4.74%, Maturing August 21, 2015		1,103	1,057,547
Term Loan, 4.75%, Maturing August 21, 2015		299	286,343
Term Loan, 5.79%, Maturing August 21, 2015	EUR	371	517,269
West Corp.			
Term Loan, 2.63%, Maturing October 24, 2013		148	147,001
Term Loan, 4.51%, Maturing July 15, 2016		1,023	1,027,832
Term Loan, 4.51%, Maturing July 15, 2016		360	361,274
			\$ 31,029,030

Cable and Satellite Television 7.5%

Atlantic Broadband Finance, LLC			
Term Loan, 4.00%, Maturing March 8, 2016		684	\$ 686,561
Bragg Communications, Inc.			
Term Loan, 2.75%, Maturing August 31, 2014		1,155	1,142,728
Bresnan Communications, LLC			
Term Loan, 4.50%, Maturing December 14, 2017		622	622,935
CSC Holdings, Inc.			
Term Loan, 1.94%, Maturing March 29, 2016		1,955	1,950,968

Foxco Acquisition Sub, LLC

Term Loan, 4.75%, Maturing July 14, 2015	296	296,722
--	-----	---------

Insight Midwest Holdings, LLC

Term Loan, 1.98%, Maturing April 7, 2014	1,784	1,756,699
--	-------	-----------

Kabel Deutschland GmbH

Term Loan, 3.57%, Maturing March 31, 2014	EUR	1,522	2,209,113
---	-----	-------	-----------

Term Loan, Maturing June 15, 2018 ⁽²⁾	EUR	500	722,205
--	-----	-----	---------

MCC Iowa, LLC

Term Loan, 1.92%, Maturing January 30, 2015	798	785,641
---	-----	---------

Mediacom Broadband, LLC

Term Loan, 4.50%, Maturing October 23, 2017	743	737,853
---	-----	---------

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2011

Portfolio of Investments continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Cable and Satellite Television (continued)		
Mediacom Illinois, LLC		
Term Loan, 1.92%, Maturing January 30, 2015	1,886	\$ 1,797,713
Term Loan, 5.50%, Maturing March 31, 2017	983	981,223
Mediacom, LLC		
Term Loan, 4.50%, Maturing October 23, 2017	396	394,317
NDS Finance, Ltd.		
Term Loan, 4.00%, Maturing March 12, 2018	698	699,704
ProSiebenSat.1 Media AG		
Term Loan, 3.68%, Maturing March 6, 2015	EUR 521	688,078
Term Loan, 3.31%, Maturing June 26, 2015	EUR 273	375,373
Term Loan, 3.31%, Maturing July 3, 2015	EUR 11	15,234
Term Loan, 3.93%, Maturing March 4, 2016	EUR 521	688,078
Term Loan, 8.30%, Maturing March 6, 2017 ⁽⁶⁾	EUR 205	245,629
Term Loan - Second Lien, 5.05%, Maturing September 2, 2016	EUR 271	333,824
UPC Broadband Holding B.V.		
Term Loan, 3.69%, Maturing December 30, 2016	379	379,836
Term Loan, 4.98%, Maturing December 31, 2016	EUR 726	1,032,678
Term Loan, 3.69%, Maturing December 29, 2017	1,037	1,036,397
Term Loan, 5.23%, Maturing December 31, 2017	EUR 314	449,121
		\$ 20,028,630

Chemicals and Plastics 5.9%

Arizona Chemical, Inc.

RGIS Holdings, LLC

Term Loan, 2.75%, Maturing April 30, 2014	93	91,607
Term Loan, 2.75%, Maturing April 30, 2014	1,870	1,832,141

Service Master Co.

Term Loan, 2.69%, Maturing July 24, 2014	45	43,746
Term Loan, 2.71%, Maturing July 24, 2014	451	439,286

US Investigations Services, Inc.

Term Loan, 3.00%, Maturing February 21, 2015	839	824,172
Term Loan, 7.75%, Maturing February 21, 2015	397	400,598

Walter Industries, Inc.

Term Loan, 4.00%, Maturing April 2, 2018	1,175	1,177,445
--	-------	-----------

\$ 9,052,370

Containers and Glass Products 2.9%

Berry Plastics Corp.

Term Loan, 2.26%, Maturing April 3, 2015	958	906,933
--	-----	---------

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2011

Portfolio of Investments continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Containers and Glass Products (continued)		
BWAY Corp.		
Term Loan, 4.50%, Maturing February 23, 2018	75	\$ 75,299
Term Loan, 4.50%, Maturing February 23, 2018	843	845,579
Graham Packaging Holdings Co.		
Term Loan, 6.75%, Maturing April 5, 2014	567	569,164
Term Loan, 6.00%, Maturing September 23, 2016	968	971,044
Graphic Packaging International, Inc.		
Term Loan, 3.04%, Maturing May 16, 2014	1,147	1,146,621
Hilex Poly Co.		
Term Loan, 11.25%, Maturing November 16, 2015	475	475,000
JSG Acquisitions		
Term Loan, 3.67%, Maturing December 31, 2014	638	639,610
Pelican Products, Inc.		
Term Loan, 5.00%, Maturing March 7, 2017	398	398,415
Reynolds Group Holdings, Inc.		
Term Loan, 4.25%, Maturing February 9, 2018	908	904,006
Smurfit Kappa Acquisitions		
Term Loan, 3.42%, Maturing December 31, 2014	638	639,610
		\$ 7,571,281
Cosmetics / Toiletries 1.8%		
Alliance Boots Holdings, Ltd.		
Term Loan, 3.59%, Maturing July 9, 2015	GBP 1,775	\$ 2,731,720
Bausch & Lomb, Inc.		

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

Term Loan, 3.44%, Maturing April 24, 2015	194	192,924
Term Loan, 3.48%, Maturing April 24, 2015	796	792,572
KIK Custom Products, Inc.		
Term Loan - Second Lien, 5.27%, Maturing November 28, 2014	525	381,500
Prestige Brands, Inc.		
Term Loan, 4.76%, Maturing March 24, 2016	725	729,519
		\$ 4,828,235

Drugs 1.3%

Axcan Pharma, Inc.		
Term Loan, 5.50%, Maturing February 10, 2017	796	\$ 789,632
Endo Pharmaceuticals Holdings, Inc.		
Term Loan, 4.00%, Maturing June 18, 2018	775	778,794
Graceway Pharmaceuticals, LLC		
Term Loan, 4.94%, Maturing May 3, 2012	299	170,181
Term Loan, 9.94%, Maturing November 3, 2013 ⁽⁶⁾	170	855
Term Loan - Second Lien, 0.00%, Maturing May 3, 2013 ⁽⁷⁾	500	16,875
Warner Chilcott Corp.		
Term Loan, 4.25%, Maturing March 15, 2018	410	411,073
Term Loan, 4.25%, Maturing March 15, 2018	821	822,146
WC Luxco S.A.R.L.		
Term Loan, 4.25%, Maturing March 15, 2018	564	565,225
		\$ 3,554,781

Ecological Services and Equipment 0.1%

Sensus Metering Systems, Inc.		
Term Loan, 4.75%, Maturing May 9, 2017	349	\$ 350,798
		\$ 350,798

Electronics / Electrical 6.1%

Aspect Software, Inc.		
Term Loan, 6.25%, Maturing April 19, 2016	765	\$ 768,502

Attachmate Corp.		
Term Loan, 6.50%, Maturing April 27, 2017	475	477,474
Christie/Aix, Inc.		
Term Loan, 5.25%, Maturing April 29, 2016	307	305,525
Eagle Parent, Inc.		
Term Loan, 5.00%, Maturing May 16, 2018	1,325	1,293,200
Edwards (Cayman Island II), Ltd.		
Term Loan, 5.50%, Maturing May 31, 2016	622	620,968
FCI International S.A.S.		
Term Loan, 3.66%, Maturing November 1, 2013	83	82,295
Term Loan, 3.66%, Maturing November 1, 2013	83	82,295
Term Loan, 3.66%, Maturing November 1, 2013	86	85,481
Term Loan, 3.66%, Maturing November 1, 2013	86	85,481
Freescal Semiconductor, Inc.		
Term Loan, 4.44%, Maturing December 1, 2016	1,282	1,277,850
Infor Enterprise Solutions Holdings		
Term Loan, 5.69%, Maturing March 3, 2014	250	220,000
Term Loan, 4.94%, Maturing July 28, 2015	484	464,887
Term Loan, 5.94%, Maturing July 28, 2015	374	363,252
Term Loan, 5.94%, Maturing July 28, 2015	718	699,673
Term Loan - Second Lien, 6.44%, Maturing March 2, 2014	92	79,865
Term Loan - Second Lien, 6.44%, Maturing March 3, 2014	158	136,562
Network Solutions, LLC		
Term Loan, 2.44%, Maturing March 7, 2014	893	861,414
NXP B.V.		
Term Loan, 4.50%, Maturing March 7, 2017	1,372	1,379,707

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2011

Portfolio of Investments continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Electronics / Electrical (continued)		
Open Solutions, Inc.		
Term Loan, 2.40%, Maturing January 23, 2014	1,149	\$ 996,940
Sensata Technologies Finance Company, LLC		
Term Loan, 4.00%, Maturing May 11, 2018	1,800	1,800,958
Shield Finance Co. S.A.R.L.		
Term Loan, 7.75%, Maturing June 15, 2016	412	416,372
Ship US Bidco, Inc.		
Term Loan, Maturing October 2, 2017 ⁽²⁾	500	800,720
Spectrum Brands, Inc.		
Term Loan, 5.06%, Maturing June 17, 2016	1,400	1,411,479
SS&C Technologies, Inc.		
Term Loan, 2.24%, Maturing November 23, 2012	571	573,357
VeriFone, Inc.		
Term Loan, 2.94%, Maturing October 31, 2013	359	357,969
Vertafore, Inc.		
Term Loan, 5.25%, Maturing July 29, 2016	498	499,677
		\$ 16,141,903
Equipment Leasing 0.7%		
Hertz Corp.		
Term Loan, 3.75%, Maturing March 9, 2018	1,796	\$ 1,789,047
		\$ 1,789,047

Farming / Agriculture 0.3%

Earthbound Farm Holdings III, LLC

Term Loan, 5.50%, Maturing December 21, 2016	373	\$ 375,224
--	-----	------------

WM. Bolthouse Farms, Inc.

Term Loan, 5.50%, Maturing February 11, 2016	328	329,851
--	-----	---------

		\$ 705,075
--	--	-------------------

Financial Intermediaries 5.3%

Citco III, Ltd.

Term Loan, Maturing April 24, 2018 ⁽²⁾	850	\$ 845,750
---	-----	------------

Fidelity National Information Services, Inc.

Term Loan, 5.25%, Maturing July 18, 2016	1,191	1,196,525
--	-------	-----------

First Data Corp.

Term Loan, 2.94%, Maturing September 24, 2014	245	226,987
---	-----	---------

Term Loan, 2.94%, Maturing September 24, 2014	992	920,853
---	-----	---------

Term Loan, 4.19%, Maturing March 23, 2018	1,020	937,443
---	-------	---------

Grosvenor Capital Management

Term Loan, 4.25%, Maturing December 5, 2016	1,135	1,134,964
---	-------	-----------

HarbourVest Partners, LLC

Term Loan, 6.25%, Maturing December 14, 2016	600	604,033
--	-----	---------

Interactive Data Corp.

Term Loan, 4.75%, Maturing February 12, 2018	1,144	1,145,921
--	-------	-----------

Jupiter Asset Management Group

Term Loan, 4.46%, Maturing March 17, 2015	GBP 114	180,946
---	---------	---------

LPL Holdings, Inc.

Term Loan, 1.95%, Maturing June 28, 2013	433	432,372
--	-----	---------

Term Loan, 4.25%, Maturing June 25, 2015	1,363	1,371,203
--	-------	-----------

Term Loan, 5.25%, Maturing June 28, 2017	1,031	1,037,872
--	-------	-----------

MSCI, Inc.

Term Loan, 3.75%, Maturing March 14, 2017	1,443	1,452,727
---	-------	-----------

Nuveen Investments, Inc.

Term Loan, 3.26%, Maturing November 13, 2014	1,209	1,195,418
--	-------	-----------

Term Loan, 5.76%, Maturing May 12, 2017	1,412	1,414,804
---	-------	-----------

RJO Holdings Corp. (RJ O Brien)

Term Loan, 6.19%, Maturing December 10, 2015 ⁽⁵⁾	4	3,053
---	---	-------

Term Loan, 6.19%, Maturing December 10, 2015 ⁽⁵⁾	118	93,604
---	-----	--------

		\$ 14,194,475
--	--	----------------------

Food Products 3.4%

Acosta, Inc.

Term Loan, 4.75%, Maturing March 1, 2018 650 \$ 649,837

Dean Foods Co.

Term Loan, 1.75%, Maturing April 2, 2014 1,295 1,253,307

Dole Food Company, Inc.

Term Loan, 5.20%, Maturing March 2, 2017 191 191,789

Term Loan, 5.22%, Maturing March 2, 2017 475 476,356

JBS USA Holdings, Inc.

Term Loan, 4.25%, Maturing May 25, 2018 500 500,156

Michael Foods Holdings, Inc.

Term Loan, 4.25%, Maturing February 23, 2018 337 337,568

Pierre Foods, Inc.

Term Loan, 7.00%, Maturing September 30, 2016 620 625,611

Pinnacle Foods Finance, LLC

Term Loan, 2.69%, Maturing April 2, 2014 2,928 2,909,320

Provimi Group SA

Term Loan, 2.44%, Maturing June 28, 2015 120 118,048

Term Loan, 2.44%, Maturing June 28, 2015 147 145,273

Term Loan, 3.57%, Maturing June 28, 2015 EUR 155 221,418

Term Loan, 3.57%, Maturing June 28, 2015 EUR 230 328,712

Term Loan, 3.57%, Maturing June 28, 2015 EUR 267 381,586

Term Loan, 3.57%, Maturing June 28, 2015 EUR 344 492,074

Term Loan - Second Lien, 4.44%, Maturing December 28, 2016 119 115,952

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2011

Portfolio of Investments continued

Borrower/Tranche Description		Principal Amount* (000 s omitted)	Value
Food Products (continued)			
Term Loan - Second Lien, 5.57%, Maturing December 28, 2016	EUR	19	\$ 27,430
Term Loan - Second Lien, 5.57%, Maturing December 28, 2016	EUR	265	375,676
			\$ 9,150,113
Food Service 6.3%			
Aramark Corp.			
Term Loan, 2.12%, Maturing January 27, 2014		1,081	\$ 1,059,706
Term Loan, 2.83%, Maturing January 27, 2014	GBP	478	749,121
Term Loan, 3.73%, Maturing January 27, 2014		88	86,404
Term Loan, 3.44%, Maturing July 26, 2016		157	156,381
Term Loan, 3.50%, Maturing July 26, 2016		2,386	2,377,877
Buffets, Inc.			
Term Loan, 12.00%, Maturing April 21, 2015 ⁽⁶⁾		618	551,850
Term Loan, 7.50%, Maturing April 22, 2015 ⁽⁶⁾		65	49,712
Burger King Corp.			
Term Loan, 4.50%, Maturing October 19, 2016		2,388	2,385,220
CBRL Group, Inc.			
Term Loan, 2.78%, Maturing April 27, 2016		309	310,037
Del Monte Corp.			
Term Loan, 4.50%, Maturing March 8, 2018		2,350	2,347,429
DineEquity, Inc.			
Term Loan, 4.25%, Maturing October 19, 2017		791	792,576

Dunkin Brands, Inc.		
Term Loan, 4.25%, Maturing November 23, 2017	1,369	1,368,356
NPC International, Inc.		
Term Loan, 1.95%, Maturing May 3, 2013	141	139,976
OSI Restaurant Partners, LLC		
Term Loan, 2.50%, Maturing June 14, 2013	236	226,375
Term Loan, 2.50%, Maturing June 14, 2014	2,382	2,286,219
QCE Finance, LLC		
Term Loan, 4.94%, Maturing May 5, 2013	446	409,397
U.S. Foodservice, Inc.		
Term Loan, 2.69%, Maturing July 3, 2014	1,006	945,286
Wendy s/Arby s Restaurants, LLC		
Term Loan, 5.00%, Maturing May 24, 2017	400	401,085
		\$ 16,643,007

Food / Drug Retailers 4.9%

General Nutrition Centers, Inc.		
Term Loan, 4.25%, Maturing March 2, 2018	2,100	\$ 2,104,190
NBTY, Inc.		
Term Loan, 4.25%, Maturing October 2, 2017	1,020	1,020,725
Pantry, Inc. (The)		
Term Loan, 1.94%, Maturing May 15, 2014	116	114,729
Term Loan, 1.94%, Maturing May 15, 2014	403	398,438
Rite Aid Corp.		
Term Loan, 1.94%, Maturing June 4, 2014	3,907	3,740,535
Term Loan, 4.50%, Maturing February 28, 2018	1,069	1,053,238
Roundy s Supermarkets, Inc.		
Term Loan, 7.00%, Maturing November 3, 2013	2,951	2,963,646
Supervalu, Inc.		
Term Loan, 4.50%, Maturing April 28, 2018	1,646	1,620,808
		\$ 13,016,309

Forest Products 0.2%

Georgia-Pacific Corp.		
Term Loan, 3.50%, Maturing December 23, 2014	502	\$ 502,530
		\$ 502,530

Health Care 16.1%

1-800-Contacts, Inc.

Term Loan, 7.70%, Maturing March 4, 2015	452	\$ 453,338
--	-----	------------

Alere, Inc.

Term Loan, Maturing July 6, 2017 ⁽²⁾	1,200	1,194,000
---	-------	-----------

Alliance Healthcare Services

Term Loan, 5.50%, Maturing June 1, 2016	566	565,431
---	-----	---------

Ascend Learning

Term Loan, 7.01%, Maturing December 6, 2016	547	546,794
---	-----	---------

Aveta Holdings, LLC

Term Loan, 8.50%, Maturing April 14, 2015	260	261,286
---	-----	---------

Term Loan, 8.50%, Maturing April 14, 2015	260	261,286
---	-----	---------

Biomet, Inc.

Term Loan, 3.23%, Maturing March 25, 2015	2,941	2,921,202
---	-------	-----------

Bright Horizons Family Solutions, Inc.

Term Loan, 4.19%, Maturing May 28, 2015	457	459,945
---	-----	---------

Cardinal Health 409, Inc.

Term Loan, 2.44%, Maturing April 10, 2014	1,276	1,223,008
---	-------	-----------

Carestream Health, Inc.

Term Loan, 5.00%, Maturing February 25, 2017	773	724,360
--	-----	---------

Carl Zeiss Vision Holding GmbH

Term Loan, 4.00%, Maturing September 30, 2019	63	52,479
---	----	--------

Community Health Systems, Inc.

Term Loan, 2.50%, Maturing July 25, 2014	163	158,043
--	-----	---------

Term Loan, 2.50%, Maturing July 25, 2014	3,175	3,073,835
--	-------	-----------

Term Loan, 3.75%, Maturing January 25, 2017	1,594	1,558,555
---	-------	-----------

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2011

Portfolio of Investments continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Health Care (continued)		
ConMed Corp. Term Loan, 1.69%, Maturing April 12, 2013	241	\$ 236,343
ConvaTec, Inc. Term Loan, 5.75%, Maturing December 22, 2016	348	349,009
CRC Health Corp. Term Loan, 4.75%, Maturing November 16, 2015	496	482,526
DaVita, Inc. Term Loan, 4.50%, Maturing October 20, 2016	1,493	1,498,630
DJO Finance, LLC Term Loan, 3.19%, Maturing May 20, 2014	358	355,304
Grifols SA Term Loan, 6.00%, Maturing June 1, 2017	1,050	1,056,125
Hanger Orthopedic Group, Inc. Term Loan, 4.00%, Maturing December 1, 2016	323	324,234
HCA, Inc. Term Loan, 3.50%, Maturing March 31, 2017	2,218	2,190,869
Term Loan, 3.50%, Maturing May 1, 2018	925	912,041
Health Management Associates, Inc. Term Loan, 2.00%, Maturing February 28, 2014	2,372	2,301,968
Iasis Healthcare, LLC Term Loan, 5.00%, Maturing May 3, 2018	848	848,299
IMS Health, Inc. Term Loan, 4.50%, Maturing August 25, 2017	866	868,428
inVentiv Health, Inc. Term Loan, 4.75%, Maturing August 4, 2016	919	915,637
Kindred Healthcare, Inc. Term Loan, 5.25%, Maturing June 1, 2018	925	925,231
Lifepoint Hospitals, Inc. Term Loan, 3.01%, Maturing April 15, 2015	1,086	1,087,323
MedAssets, Inc.		

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

Term Loan, 5.25%, Maturing November 16, 2016	454	455,910
Medpace, Inc.		
Term Loan, 6.50%, Maturing June 22, 2017	425	420,750
MultiPlan, Inc.		
Term Loan, 4.75%, Maturing August 26, 2017	1,274	1,271,451
Nyco Holdings		
Term Loan, 3.94%, Maturing December 29, 2014	1,416	1,404,438
Term Loan - Second Lien, 4.69%, Maturing December 29, 2015	1,416	1,404,011
Physiotherapy Associates, Inc.		
Term Loan, 7.50%, Maturing June 27, 2013	342	340,646
Prime Healthcare Services, Inc.		
Term Loan, 7.25%, Maturing April 22, 2015	1,160	1,131,305
RadNet Management, Inc.		
Term Loan, 5.75%, Maturing April 1, 2016	543	543,397
ReAble Therapeutics Finance, LLC		
Term Loan, 2.19%, Maturing November 18, 2013	849	844,857
Renal Advantage Holdings, Inc.		
Term Loan, 5.75%, Maturing December 16, 2016	373	374,524
Res-Care, Inc.		
Term Loan, 7.25%, Maturing December 22, 2016	423	424,461
Select Medical Holdings Corp.		
Term Loan, 5.50%, Maturing May 25, 2018	1,525	1,500,219
Skillsoft Corp.		
Term Loan, 6.50%, Maturing May 26, 2017	489	496,225
Sunquest Information Systems, Inc.		
Term Loan, 6.25%, Maturing December 16, 2016	375	375,000
Sunrise Medical Holdings, Inc.		
Term Loan, 6.75%, Maturing May 13, 2014	EUR 130	174,211
TriZetto Group, Inc. (The)		
Term Loan, 4.75%, Maturing May 2, 2018	750	746,367
Universal Health Services, Inc.		
Term Loan, 4.00%, Maturing November 15, 2016	1,031	1,035,496
Vanguard Health Holding Co., LLC		
Term Loan, 5.00%, Maturing January 29, 2016	743	743,178
VWR Funding, Inc.		
Term Loan, 2.69%, Maturing June 30, 2014	1,480	1,438,249
		\$ 42,930,224

Home Furnishings 0.8%

Hunter Fan Co.

Term Loan, 2.69%, Maturing April 16, 2014	191	\$ 182,947
National Bedding Co., LLC		
Term Loan, 3.76%, Maturing November 28, 2013	957	950,379
Term Loan - Second Lien, 5.31%, Maturing February 28, 2014	350	338,625

Oreck Corp.

Term Loan - Second Lien, 3.75%, Maturing March 19, 2016 ⁽⁵⁾	128	114,986
--	-----	---------

Sanitec Europe OY

Term Loan, 2.50%, Maturing June 24, 2016	EUR 387	501,089
--	---------	---------

\$ 2,088,026

Industrial Equipment 3.4%

Alliance Laundry Systems, LLC

Term Loan, 6.25%, Maturing September 30, 2016	467	\$ 470,945
---	-----	------------

Brand Energy and Infrastructure Services, Inc.

Term Loan, 2.50%, Maturing February 7, 2014	455	414,047
---	-----	---------

Term Loan, 3.56%, Maturing February 7, 2014	389	357,641
---	-----	---------

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2011

Portfolio of Investments continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Industrial Equipment (continued)		
Brock Holdings III, Inc.		
Term Loan, 6.00%, Maturing March 16, 2017	599	\$ 603,487
Bucyrus International, Inc.		
Term Loan, 4.25%, Maturing February 19, 2016	668	670,081
Butterfly Wendel US, Inc.		
Term Loan, 3.46%, Maturing June 23, 2014	423	417,118
Term Loan, 4.21%, Maturing June 22, 2015	577	569,132
EPD Holdings, (Goodyear Engineering Products)		
Term Loan, 2.69%, Maturing July 31, 2014	101	96,546
Term Loan, 2.69%, Maturing July 31, 2014	708	674,073
Term Loan - Second Lien, 5.94%, Maturing July 13, 2015	425	382,854
Generac Acquisition Corp.		
Term Loan, 2.79%, Maturing November 11, 2013	471	468,550
Jason, Inc.		
Term Loan, 8.25%, Maturing September 21, 2014	46	46,121
Term Loan, 8.25%, Maturing September 21, 2014	116	116,047
JMC Steel Group, Inc.		
Term Loan, 4.75%, Maturing April 3, 2017	349	350,648
KION Group GmbH		
Term Loan, 3.69%, Maturing December 23, 2014 ⁽⁶⁾	252	238,017
Term Loan, 3.94%, Maturing December 23, 2015 ⁽⁶⁾	252	238,017
Pinafore, LLC		
Term Loan, 4.25%, Maturing September 29, 2016	1,055	1,056,725
Polypore, Inc.		
Term Loan, 2.19%, Maturing July 3, 2014	1,524	1,511,696
Sequa Corp.		
Term Loan, 3.50%, Maturing December 3, 2014	397	393,250
		\$ 9,074,995

Insurance 2.0%

AmWINS Group, Inc.

Term Loan - Second Lien, 5.75%, Maturing June 8, 2014 500 \$ 461,250

Applied Systems, Inc.

Term Loan, 5.50%, Maturing December 8, 2016 697 699,982

CCC Information Services Group, Inc.

Term Loan, 5.50%, Maturing November 11, 2015 721 725,203

CNO Financial Group, Inc.

Term Loan, 6.25%, Maturing September 30, 2016 597 600,213

Crawford & Company

Term Loan, 5.00%, Maturing October 30, 2013 608 611,891

HUB International Holdings, Inc.

Term Loan, 2.75%, Maturing June 13, 2014 179 174,698

Term Loan, 2.75%, Maturing June 13, 2014 798 777,174

Term Loan, 6.75%, Maturing June 13, 2014 270 270,897

U.S.I. Holdings Corp.

Term Loan, 2.69%, Maturing May 5, 2014 912 893,760

\$ 5,215,068

Leisure Goods / Activities / Movies 7.1%

AMC Entertainment, Inc.

Term Loan, 3.44%, Maturing December 16, 2016 1,922 \$ 1,908,292

AMC Networks, Inc.Term Loan, Maturing December 31, 2018⁽²⁾ 675 676,688**Bombardier Recreational Products**

Term Loan, 2.79%, Maturing June 28, 2013 975 955,323

Carmike Cinemas, Inc.

Term Loan, 5.50%, Maturing January 27, 2016 997 1,002,046

Cedar Fair, L.P.

Term Loan, 4.00%, Maturing December 15, 2017 1,470 1,475,962

Cinemark, Inc.

Term Loan, 3.47%, Maturing April 29, 2016 1,906 1,915,669

ClubCorp Club Operations, Inc.

Term Loan, 6.00%, Maturing November 9, 2016 323 323,981

Dave & Buster's, Inc.

Term Loan, 5.50%, Maturing May 12, 2016 495 497,166

Deluxe Entertainment Services Group, Inc.

Term Loan, 6.25%, Maturing May 11, 2013 35 35,333

Term Loan, 6.25%, Maturing May 11, 2013 524 522,935

Miramax Film NY, LLC

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

Term Loan, 7.75%, Maturing May 20, 2016 National CineMedia, LLC	446	452,846
Term Loan, 1.75%, Maturing February 13, 2015 Regal Cinemas Corp.	1,900	1,866,037
Term Loan, 3.50%, Maturing August 23, 2017 Revolution Studios Distribution Co., LLC	2,040	2,041,753
Term Loan, 3.94%, Maturing December 21, 2014	506	377,304
Term Loan - Second Lien, 7.19%, Maturing June 21, 2015 ⁽⁵⁾ SeaWorld Parks & Entertainment, Inc.	450	138,600
Term Loan, 4.00%, Maturing August 17, 2017 Six Flags Theme Parks, Inc.	840	843,601
Term Loan, 5.25%, Maturing June 30, 2016 SRAM, LLC	1,607	1,619,033
Term Loan, 4.77%, Maturing June 7, 2018	675	675,422

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2011

Portfolio of Investments continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Leisure Goods / Activities / Movies (continued)		
Universal City Development Partners, Ltd.		
Term Loan, 5.50%, Maturing November 6, 2014	1,113	\$ 1,117,363
Zuffa, LLC		
Term Loan, 2.25%, Maturing June 19, 2015	482	474,975
		\$ 18,920,329
Lodging and Casinos 3.1%		
Ameristar Casinos, Inc.		
Term Loan, 4.00%, Maturing April 13, 2018	524	\$ 526,124
Gala Electric Casinos, Ltd.		
Term Loan, 5.69%, Maturing May 30, 2018	GBP 825	1,198,296
Harrah s Operating Co.		
Term Loan, 3.27%, Maturing January 28, 2015	1,560	1,404,915
Term Loan, 9.50%, Maturing October 31, 2016	985	1,030,333
Herbst Gaming, Inc.		
Term Loan, 10.00%, Maturing December 31, 2015	411	423,685
Isle of Capri Casinos, Inc.		
Term Loan, 4.75%, Maturing November 1, 2013	474	476,671
Las Vegas Sands, LLC		
Term Loan, 2.69%, Maturing November 23, 2016	293	284,623
Term Loan, 2.69%, Maturing November 23, 2016	1,160	1,125,731
LodgeNet Entertainment Corp.		
Term Loan, 6.50%, Maturing April 4, 2014	595	573,334
Penn National Gaming, Inc.		

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

Term Loan, 1.98%, Maturing October 3, 2012 Tropicana Entertainment, Inc.	388	388,931
Term Loan, 15.00%, Maturing March 8, 2013 VML US Finance, LLC	130	145,986
Term Loan, 4.69%, Maturing May 25, 2012	197	196,775
Term Loan, 4.69%, Maturing May 27, 2013	394	393,549

\$ 8,168,953

Nonferrous Metals / Minerals 1.4%

Fairmount Minerals, Ltd.

Term Loan, 5.25%, Maturing March 15, 2017 Noranda Aluminum Acquisition	1,883	\$ 1,888,744
Term Loan, 1.94%, Maturing May 16, 2014 Novelis, Inc.	44	43,612
Term Loan, 3.75%, Maturing March 10, 2017 Oxbow Carbon and Mineral Holdings	1,368	1,373,065
Term Loan, 3.74%, Maturing May 8, 2016	521	521,508

\$ 3,826,929

Oil and Gas 4.1%

Big West Oil, LLC

Term Loan, 7.00%, Maturing March 31, 2016 CITGO Petroleum Corp.	289	\$ 291,826
Term Loan, 8.00%, Maturing June 24, 2015	104	105,594
Term Loan, 9.00%, Maturing June 23, 2017 Dynegy Holdings, Inc.	1,262	1,319,051
Term Loan, 4.03%, Maturing April 2, 2013	220	215,898
Term Loan, 4.03%, Maturing April 2, 2013 Frac Tech International, LLC	3,276	3,214,299
Term Loan, 6.25%, Maturing May 6, 2016 Gibson Energy	1,122	1,121,749
Term Loan, 5.75%, Maturing June 14, 2018 MEG Energy Corp.	1,050	1,047,704
Term Loan, 4.00%, Maturing March 16, 2018 Obsidian Natural Gas Trust	625	626,318
Term Loan, 7.00%, Maturing November 2, 2015 Sheridan Production Partners I, LLC	2,136	2,167,910
Term Loan, 6.50%, Maturing April 20, 2017	52	52,590
Term Loan, 6.50%, Maturing April 20, 2017	86	86,099

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

Term Loan, 6.50%, Maturing April 20, 2017	648	649,767
		\$ 10,898,805

Publishing 5.4%

Aster Zweite Beteiligungs GmbH

Term Loan, 4.71%, Maturing September 27, 2013	500	\$ 491,250
Term Loan, 5.78%, Maturing December 31, 2014	EUR 236	339,908
Term Loan, 5.78%, Maturing December 31, 2014	EUR 264	379,729

GateHouse Media Operating, Inc.

Term Loan, 2.19%, Maturing August 28, 2014	321	115,385
Term Loan, 2.19%, Maturing August 28, 2014	717	257,397
Term Loan, 2.44%, Maturing August 28, 2014	346	124,261

Getty Images, Inc.

Term Loan, 5.25%, Maturing November 7, 2016	1,489	1,498,985
---	-------	-----------

IWCO Direct, Inc.

Term Loan, 3.56%, Maturing August 7, 2014	85	77,196
Term Loan, 3.56%, Maturing August 7, 2014	811	740,556

Laureate Education, Inc.

Term Loan, 5.25%, Maturing August 15, 2018	2,345	2,277,843
--	-------	-----------

MediaNews Group, Inc.

Term Loan, 8.50%, Maturing March 19, 2014	61	60,494
---	----	--------

Merrill Communications, LLC

Term Loan, 7.50%, Maturing December 24, 2012	645	644,092
--	-----	---------

Nelson Education, Ltd.

Term Loan, 2.75%, Maturing July 3, 2014	236	205,667
---	-----	---------

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2011

Portfolio of Investments continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Publishing (continued)		
Nielsen Finance, LLC		
Term Loan, 2.19%, Maturing August 9, 2013	2,185	\$ 2,162,302
Term Loan, 3.44%, Maturing May 2, 2016	997	993,826
Term Loan, 3.94%, Maturing May 2, 2016	980	980,075
SGS International, Inc.		
Term Loan, 3.77%, Maturing September 30, 2013	265	264,895
Springer Science+Business Media S.A.		
Term Loan, 5.32%, Maturing June 30, 2015	EUR 500	723,990
Trader Media Corp., Ltd.		
Term Loan, 0.50%, Maturing December 1, 2017 ⁽³⁾	GBP 500	794,451
Xsys, Inc.		
Term Loan, 2.71%, Maturing December 31, 2014	618	607,271
Term Loan, 4.71%, Maturing December 31, 2014	605	594,534
		\$ 14,334,107

Radio and Television 2.7%

Block Communications, Inc.

Term Loan, 2.19%, Maturing December 22, 2011

	425	\$ 420,998
--	-----	------------

CMP KC, LLC

Term Loan, 6.48%, Maturing October 3, 2011⁽⁵⁾⁽⁶⁾

	542	100,219
--	-----	---------

CMP Susquehanna Corp.

Term Loan, 2.19%, Maturing May 3, 2013

	857	851,111
--	-----	---------

Gray Television, Inc.

Term Loan, 3.70%, Maturing December 31, 2014

	349	343,253
--	-----	---------

HIT Entertainment, Inc.			
Term Loan, 5.52%, Maturing June 1, 2012	580		575,164
Live Nation Worldwide, Inc.			
Term Loan, 4.50%, Maturing November 7, 2016	1,136		1,136,682
Mission Broadcasting, Inc.			
Term Loan, 5.00%, Maturing September 30, 2016	261		262,898
Nexstar Broadcasting, Inc.			
Term Loan, 5.00%, Maturing September 30, 2016	408		407,126
Raycom TV Broadcasting, LLC			
Term Loan, 4.50%, Maturing May 31, 2017	450		450,562
Tyrol Acquisition 2 SAS			
Term Loan, 3.32%, Maturing January 30, 2015	500	EUR	640,396
Term Loan, 3.57%, Maturing January 29, 2016	500	EUR	640,396
Univision Communications, Inc.			
Term Loan, 2.19%, Maturing September 29, 2014	743		712,190
Term Loan, 4.44%, Maturing March 31, 2017	743		707,310
			\$ 7,248,305

Rail Industries 0.4%

Kansas City Southern Railway Co.			
Term Loan, 1.97%, Maturing April 26, 2013	971		\$ 971,339
			\$ 971,339

Retailers (Except Food and Drug) 5.5%

Amscan Holdings, Inc.			
Term Loan, 6.75%, Maturing December 4, 2017	769		\$ 772,793
FTD, Inc.			
Term Loan, 4.75%, Maturing June 6, 2018	650		649,171
Harbor Freight Tools USA, Inc.			
Term Loan, 6.50%, Maturing December 22, 2017	920		938,399
J. Crew Operating Corp.			
Term Loan, 4.75%, Maturing March 7, 2018	875		842,680
Jo-Ann Stores, Inc.			
Term Loan, 4.75%, Maturing March 16, 2018	925		913,438
Michaels Stores, Inc.			
Term Loan, 2.54%, Maturing October 31, 2013	1,574		1,550,103
Neiman Marcus Group, Inc.			
Term Loan, 4.75%, Maturing May 16, 2018	1,550		1,533,003
Orbitz Worldwide, Inc.			

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

Term Loan, 3.22%, Maturing July 25, 2014		1,473	1,359,570
PETCO Animal Supplies, Inc.			
Term Loan, 4.50%, Maturing November 24, 2017		619	618,170
Phillips-Van Heusen Corp.			
Term Loan, 3.50%, Maturing May 6, 2016		274	275,155
Pilot Travel Centers, LLC			
Term Loan, 4.25%, Maturing March 30, 2018		925	929,336
Rent-A-Center, Inc.			
Term Loan, 1.94%, Maturing June 29, 2012		2	1,648
Term Loan, 3.25%, Maturing March 31, 2015		395	395,966
Savers, Inc.			
Term Loan, 4.25%, Maturing March 3, 2017		625	627,214
Visant Holding Corp.			
Term Loan, 5.25%, Maturing December 22, 2016		697	696,283
Vivarte			
Term Loan - Second Lien, 4.74%, Maturing September 8, 2016	EUR	13	16,205
Term Loan - Second Lien, 4.74%, Maturing September 8, 2016	EUR	88	113,438
Term Loan - Second Lien, 4.74%, Maturing September 8, 2016	EUR	900	1,166,790
Yankee Candle Company, Inc. (The)			
Term Loan, 2.19%, Maturing February 6, 2014		1,184	1,179,165
			\$ 14,578,527

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2011

Portfolio of Investments continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Steel 0.1%		
Niagara Corp.		
Term Loan, 10.50%, Maturing June 29, 2014 ⁽⁵⁾⁽⁶⁾	367	\$ 344,359
		\$ 344,359
Surface Transport 0.4%		
Swift Transportation Co., Inc.		
Term Loan, 6.00%, Maturing December 21, 2016	1,132	\$ 1,141,216
		\$ 1,141,216
Telecommunications 8.6%		
Alaska Communications Systems Holdings, Inc.		
Term Loan, 5.50%, Maturing October 21, 2016	920	\$ 923,596
Asurion Corp.		
Term Loan, 5.50%, Maturing May 24, 2018	2,900	2,865,919
Term Loan - Second Lien, 9.00%, Maturing May 24, 2019	550	553,523
CommScope, Inc.		
Term Loan, 5.00%, Maturing January 14, 2018	1,072	1,077,433
Intelsat Jackson Holdings SA		
Term Loan, 5.25%, Maturing April 2, 2018	5,200	5,223,832

Macquarie UK Broadcast Ventures, Ltd.

Term Loan, 2.88%, Maturing December 1, 2014	GBP	414	603,643
---	-----	-----	---------

MetroPCS Wireless

Term Loan, 3.95%, Maturing May 18, 2018		3,065	3,063,472
---	--	-------	-----------

NTelos, Inc.

Term Loan, 4.00%, Maturing August 7, 2015		1,477	1,480,067
---	--	-------	-----------

SBA Communications Corp.

Term Loan, Maturing June 29, 2018 ⁽²⁾		475	476,188
--	--	-----	---------

Syniverse Technologies, Inc.

Term Loan, 5.25%, Maturing December 21, 2017		746	750,914
--	--	-----	---------

Telenet BidCo N.V.

Term Loan, 5.07%, Maturing July 31, 2017	EUR	500	724,772
--	-----	-----	---------

Telesat Canada, Inc.

Term Loan, 3.19%, Maturing October 31, 2014		151	149,297
---	--	-----	---------

Term Loan, 3.19%, Maturing October 31, 2014		1,759	1,738,104
---	--	-------	-----------

Wind Telecomunicazioni SpA

Term Loan, 5.56%, Maturing December 15, 2017	EUR	1,800	2,565,315
--	-----	-------	-----------

Windstream Corp.

Term Loan, 3.01%, Maturing December 17, 2015		625	627,205
--	--	-----	---------

\$ 22,823,280

Utilities 4.5%

AES Corp.

Term Loan, 4.25%, Maturing May 28, 2018		1,297	\$ 1,299,992
---	--	-------	--------------

Calpine Corp.

Term Loan, 4.50%, Maturing April 2, 2018		475	470,903
--	--	-----	---------

Term Loan, 4.50%, Maturing April 2, 2018		2,419	2,400,646
--	--	-------	-----------

EquiPower Resources Holdings, LLC

Term Loan, 5.75%, Maturing January 26, 2018		274	275,341
---	--	-----	---------

NRG Energy, Inc.

Term Loan, 4.00%, Maturing February 1, 2013		1	700
---	--	---	-----

Term Loan, 4.00%, Maturing February 1, 2013		147	147,314
---	--	-----	---------

Term Loan, 3.63%, Maturing August 31, 2015		981	983,497
--	--	-----	---------

Term Loan, 5.50%, Maturing August 31, 2015		1,830	1,833,855
--	--	-------	-----------

Term Loan, Maturing June 11, 2018 ⁽²⁾		2,250	2,244,375
--	--	-------	-----------

Pike Electric, Inc.

Term Loan, 1.75%, Maturing July 2, 2012		63	62,458
---	--	----	--------

Term Loan, 1.69%, Maturing December 10, 2012		108	106,658
--	--	-----	---------

TXU Texas Competitive Electric Holdings Co., LLC

Term Loan, 4.73%, Maturing October 10, 2017		2,601	2,033,849
---	--	-------	-----------

\$ 11,859,588

Total Senior Floating-Rate Interests
(identified cost \$364,507,932) \$ 364,090,146

Corporate Bonds & Notes 10.7%

Security	Principal Amount* (000 s omitted)	Value
Aerospace and Defense 0.2%		
International Lease Finance Corp., Sr. Notes		
6.50%, 9/1/14 ⁽⁸⁾	175	\$ 186,375
6.75%, 9/1/16 ⁽⁸⁾	175	187,250
7.125%, 9/1/18 ⁽⁸⁾	175	188,125
		\$ 561,750
Automotive 0.0%		
American Axle & Manufacturing Holdings, Inc., Sr. Notes		
9.25%, 1/15/17 ⁽⁸⁾	77	\$ 84,315
		\$ 84,315
Broadcast Radio and Television 0.6%		
Entravision Communications Corp., Sr. Notes		
8.75%, 8/1/17 ⁽⁸⁾	1,000	\$ 1,040,000
LBI Media, Inc., Sr. Disc. Notes		
11.00%, 10/15/13	15	14,513

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2011

Portfolio of Investments continued

Security	Principal Amount* (000 s omitted)	Value
Broadcast Radio and Television (continued)		
XM Satellite Radio Holdings, Inc. 13.00%, 8/1/14 ⁽⁸⁾	485	\$ 571,087
		\$ 1,625,600
Building and Development 0.8%		
AMO Escrow Corp., Sr. Notes 11.50%, 12/15/17 ⁽⁸⁾	925	\$ 994,375
Grohe Holding GmbH, Variable Rate 4.202%, 1/15/14 ⁽¹⁰⁾	EUR 787	1,135,561
		\$ 2,129,936
Business Equipment and Services 0.5%		
Education Management, LLC, Sr. Notes 8.75%, 6/1/14	210	\$ 216,037
MediMedia USA, Inc., Sr. Sub. Notes 11.375%, 11/15/14 ⁽⁸⁾	90	77,850
SunGard Data Systems, Inc., Sr. Notes 10.625%, 5/15/15	900	978,750

Ticketmaster Entertainment, Inc.

10.75%, 8/1/16

105

114,975

\$ 1,387,612

Cable and Satellite Television 0.4%

Virgin Media Finance PLC, Sr. Notes

6.50%, 1/15/18

1,000

\$ 1,101,250

\$ 1,101,250

Chemicals and Plastics 0.4%

INEOS Group Holdings PLC, Sr. Sub. Notes8.50%, 2/15/16⁽⁸⁾

180

\$ 178,650

Styrolution Group GmbH, Sr. Notes7.625%, 5/15/16⁽⁸⁾

EUR

550

785,618

Wellman Holdings, Inc., Sr. Sub. Notes5.00%, 1/29/19⁽⁵⁾⁽⁶⁾

194

107,424

\$ 1,071,692

Conglomerates 0.0%

RBS Global & Rexnord Corp.

11.75%, 8/1/16

90

\$ 95,625

\$ 95,625

Containers and Glass Products 0.3%

Berry Plastics Corp., Sr. Notes, Variable Rate

5.028%, 2/15/15

500

\$ 496,250

Intertape Polymer US, Inc., Sr. Sub. Notes

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

8.50%, 8/1/14	175	165,812
		\$ 662,062
Cosmetics / Toiletries 0.1%		
Revlon Consumer Products Corp.		
9.75%, 11/15/15 ⁽⁸⁾	165	\$ 178,200
		\$ 178,200
Electronics / Electrical 0.2%		
NXP BV/NXP Funding, LLC, Variable Rate		
3.028%, 10/15/13	370	\$ 369,538
		\$ 369,538
Equipment Leasing 0.0%		
Hertz Corp.		
8.875%, 1/1/14	2	\$ 2,060
		\$ 2,060
Financial Intermediaries 0.7%		
First Data Corp., Sr. Notes		
7.375%, 6/15/19 ⁽⁸⁾	500	\$ 506,250
Ford Motor Credit Co., LLC, Sr. Notes		
8.00%, 12/15/16	125	140,804
UPCB Finance II, Ltd., Sr. Notes		
6.375%, 7/1/20 ⁽⁸⁾	500	690,634
	EUR	
UPCB Finance III, Ltd., Sr. Notes		
6.625%, 7/1/20 ⁽⁸⁾	600	595,500

\$ 1,933,188

Food Products 0.4%

Smithfield Foods, Inc., Sr. Notes

10.00%, 7/15/14⁽⁸⁾

1,000

\$ 1,165,000

\$ 1,165,000

Food Service 0.1%

NPC International, Inc., Sr. Sub. Notes

9.50%, 5/1/14

135

\$ 137,700

\$ 137,700

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2011

Portfolio of Investments continued

Security	Principal Amount* (000 s omitted)	Value
Forest Products 0.1%		
Verso Paper Holdings, LLC/Verso Paper, Inc. 11.375%, 8/1/16	120	\$ 111,900
		\$ 111,900
Health Care 0.2%		
Biomet, Inc. 10.375%, 10/15/17 ⁽⁶⁾	55	\$ 60,913
11.625%, 10/15/17	280	311,500
DJO Finance, LLC/DJO Finance Corp. 10.875%, 11/15/14	95	101,650
HCA, Inc. 9.25%, 11/15/16	65	69,306
		\$ 543,369
Industrial Equipment 0.5%		
Chart Industries, Inc., Sr. Sub. Notes 9.125%, 10/15/15	105	\$ 109,725
Terex Corp., Sr. Notes 10.875%, 6/1/16	1,000	1,157,500

\$ 1,267,225

Insurance 0.1%

Alliant Holdings I, Inc.11.00%, 5/1/15⁽⁸⁾ 55 \$ 58,438**HUB International Holdings, Inc., Sr. Notes**9.00%, 12/15/14⁽⁸⁾ 70 71,750**U.S.I. Holdings Corp., Sr. Notes, Variable Rate**4.136%, 11/15/14⁽⁸⁾ 35 32,725

\$ 162,913

Leisure Goods / Activities / Movies 0.5%

AMC Entertainment, Inc., Sr. Notes

8.75%, 6/1/19 60 \$ 63,600

MU Finance PLC, Sr. Notes8.375%, 2/1/17⁽⁸⁾ 1,000 1,070,000**Royal Caribbean Cruises, Sr. Notes**

7.00%, 6/15/13 50 53,625

6.875%, 12/1/13 20 21,450

7.25%, 6/15/16 10 10,800

7.25%, 3/15/18 20 21,450

\$ 1,240,925

Lodging and Casinos 0.7%

Buffalo Thunder Development Authority9.375%, 12/15/49⁽⁷⁾⁽⁸⁾ 265 \$ 106,000**CCM Merger, Inc.**8.00%, 8/1/13⁽⁸⁾ 30 29,625**Chukchansi EDA, Sr. Notes, Variable Rate**3.917%, 11/15/12⁽⁸⁾ 85 69,700**Inn of the Mountain Gods Resort & Casino, Sr. Notes**1.25%, 11/30/20⁽⁶⁾⁽⁸⁾ 172 104,9328.75%, 11/30/20⁽⁸⁾ 74 72,890

Mohegan Tribal Gaming Authority, Sr. Sub. Notes

8.00%, 4/1/12	85	69,275
7.125%, 8/15/14	120	83,400
6.875%, 2/15/15	115	77,625

Peninsula Gaming, LLC

10.75%, 8/15/17	1,000	1,097,500
-----------------	-------	-----------

Tunica-Biloxi Gaming Authority, Sr. Notes

9.00%, 11/15/15 ⁽⁸⁾	165	169,538
--------------------------------	-----	---------

Waterford Gaming, LLC, Sr. Notes

8.625%, 9/15/14 ⁽⁵⁾⁽⁸⁾	121	78,004
-----------------------------------	-----	--------

\$ 1,958,489

Nonferrous Metals / Minerals 0.1%

Cloud Peak Energy Resources, LLC/Cloud Peak Energy Finance Corp.

8.50%, 12/15/19	330	\$ 358,463
-----------------	-----	------------

\$ 358,463

Oil and Gas 0.1%

Petroleum Development Corp., Sr. Notes

12.00%, 2/15/18	65	\$ 72,475
-----------------	----	-----------

Petroplus Finance, Ltd.

7.00%, 5/1/17 ⁽⁸⁾	85	80,325
------------------------------	----	--------

Quicksilver Resources, Inc., Sr. Notes

11.75%, 1/1/16	65	74,750
----------------	----	--------

SESI, LLC, Sr. Notes

6.875%, 6/1/14	30	30,525
----------------	----	--------

\$ 258,075*See Notes to Financial Statements.*

Eaton Vance
Senior Income Trust

June 30, 2011

Portfolio of Investments continued

Security	Principal Amount* (000 s omitted)	Value
Publishing 0.7%		
Laureate Education, Inc.		
10.00%, 8/15/15 ⁽⁸⁾	1,045	\$ 1,097,250
10.25%, 8/15/15 ⁽⁶⁾⁽⁸⁾	593	608,847
11.75%, 8/15/17 ⁽⁸⁾	45	49,331
		\$ 1,755,428
Rail Industries 0.0%		
American Railcar Industry, Sr. Notes		
7.50%, 3/1/14	100	\$ 102,750
		\$ 102,750
Retailers (Except Food and Drug) 0.9%		
Amscan Holdings, Inc., Sr. Sub. Notes		
8.75%, 5/1/14	220	\$ 224,400
Sally Holdings, LLC, Sr. Notes		
9.25%, 11/15/14	665	694,925
10.50%, 11/15/16	235	252,037
Toys R Us		
10.75%, 7/15/17	1,000	1,117,500

		\$ 2,288,862
Steel 0.0%		
RathGibson, Inc., Sr. Notes		
11.25%, 2/15/14 ⁽⁵⁾⁽⁷⁾	240	\$ 24
		\$ 24
Surface Transport 0.0%		
CEVA Group PLC, Sr. Notes		
11.50%, 4/1/18 ⁽⁸⁾	95	\$ 100,463
		\$ 100,463
Telecommunications 0.5%		
Intelsat Bermuda, Ltd.		
11.25%, 6/15/16	900	\$ 956,250
NII Capital Corp.		
10.00%, 8/15/16	330	384,450
		\$ 1,340,700
Utilities 1.6%		
Calpine Corp., Sr. Notes		
7.50%, 2/15/21 ⁽⁸⁾	2,375	\$ 2,434,375
7.875%, 1/15/23 ⁽⁸⁾	1,700	1,753,125
NGC Corp.		
7.625%, 10/15/26	205	139,400
Reliant Energy, Inc., Sr. Notes		
7.625%, 6/15/14	10	10,350

\$ 4,337,250

Total Corporate Bonds & Notes
(identified cost \$27,115,970)

\$ 28,332,364

Asset-Backed Securities 1.4%

Security	Principal Amount (000 s omitted)	Value
Alzette European CLO SA, Series 2004-1A, Class E2, 6.747%, 12/15/20 ⁽¹¹⁾	\$ 308	\$ 262,469
Avalon Capital Ltd. 3, Series 1A, Class D, 2.208%, 2/24/19 ⁽⁸⁾⁽¹¹⁾	295	219,004
Babson Ltd., Series 2005-1A, Class C1, 2.228%, 4/15/19 ⁽⁸⁾⁽¹¹⁾	376	277,466
Bryant Park CDO Ltd., Series 2005-1A, Class C, 2.328%, 1/15/19 ⁽⁸⁾⁽¹¹⁾	500	343,922
Carlyle High Yield Partners, Series 2004-6A, Class C, 2.716%, 8/11/16 ⁽⁸⁾⁽¹¹⁾	500	404,648
Centurion CDO 8 Ltd., Series 2005-8A, Class D, 5.752%, 3/8/17 ⁽¹¹⁾	492	391,426
Centurion CDO 9 Ltd., Series 2005-9A, Class D1, 5.026%, 7/17/19 ⁽¹¹⁾	500	358,837
Madison Park Funding Ltd., Series 2006-2A, Class D, 4.997%, 3/25/20 ⁽⁸⁾⁽¹¹⁾	1,000	727,238
Schiller Park CLO Ltd., Series 2007-1A, Class D, 2.524%, 4/25/21 ⁽⁸⁾⁽¹¹⁾	1,000	743,359
 Total Asset-Backed Securities (identified cost \$4,941,054)		 \$ 3,728,369

Common Stocks 1.9%

Security	Shares	Value
----------	--------	-------

Automotive 0.4%

Dayco Products, LLC ⁽¹²⁾⁽¹³⁾	10,159	\$ 575,888
Hayes Lemmerz International, Inc. ⁽⁵⁾⁽¹²⁾⁽¹³⁾	8,949	536,940
		\$ 1,112,828

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2011

Portfolio of Investments continued

Security	Shares	Value
Building and Development 0.1%		
Panolam Holdings Co. ⁽⁵⁾⁽¹²⁾⁽¹⁴⁾	131	\$ 126,107
United Subcontractors, Inc. ⁽⁵⁾⁽¹²⁾⁽¹³⁾	277	21,257
		\$ 147,364
Chemicals and Plastics 0.0%		
Wellman Holdings, Inc. ⁽⁵⁾⁽¹²⁾⁽¹³⁾	175	\$ 0
		\$ 0
Diversified Manufacturing 0.0%		
MEGA Brands, Inc. ⁽¹²⁾	8,320	\$ 81,650
		\$ 81,650
Financial Intermediaries 0.0%		
RTS Investor Corp. ⁽⁵⁾⁽¹²⁾⁽¹³⁾	41	\$ 9,042

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

		\$ 9,042
Food Service 0.0%		
Buffets, Inc. ⁽⁵⁾⁽¹²⁾	12,234	\$ 50,465
		\$ 50,465
Home Furnishings 0.1%		
Oreck Corp. ⁽⁵⁾⁽¹²⁾⁽¹³⁾	2,275	\$ 155,997
Sanitec Europe Oy B Units ⁽¹²⁾⁽¹³⁾	26,249	133,227
Sanitec Europe Oy E Units ⁽⁵⁾⁽¹²⁾⁽¹³⁾	25,787	0
		\$ 289,224
Leisure Goods / Activities / Movies 0.2%		
Metro-Goldwyn-Mayer Holdings, Inc. ⁽¹²⁾⁽¹³⁾	22,424	\$ 505,847
		\$ 505,847
Lodging and Casinos 0.2%		
Greektown Superholdings, Inc. ⁽¹²⁾	45	\$ 3,195
Herbst Gaming, Inc. ⁽⁵⁾⁽¹²⁾⁽¹³⁾	23,498	119,606
Shreveport Gaming Holdings, Inc. ⁽⁵⁾⁽¹²⁾	289	3,902
Tropicana Entertainment, Inc. ⁽⁵⁾⁽¹²⁾⁽¹³⁾	25,430	438,667
		\$ 565,370
Nonferrous Metals / Minerals 0.1%		

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

Euramax International, Inc. ⁽¹²⁾⁽¹³⁾	468	\$ 149,600
		\$ 149,600
Oil and Gas 0.0%		
SemGroup Corp. ⁽¹²⁾	750	\$ 19,253
		\$ 19,253
Publishing 0.6%		
Ion Media Networks, Inc. ⁽⁵⁾⁽¹²⁾⁽¹³⁾	2,155	\$ 1,535,437
MediaNews Group, Inc. ⁽⁵⁾⁽¹²⁾⁽¹³⁾	5,771	161,593
SuperMedia, Inc. ⁽¹²⁾	3,353	12,574
		\$ 1,709,604
Steel 0.2%		
KNIA Holdings, Inc. ⁽⁵⁾⁽¹²⁾⁽¹³⁾	6,269	\$ 84,441
RathGibson Acquisition Co., LLC ⁽⁵⁾⁽¹²⁾⁽¹⁴⁾	10,700	357,915
		\$ 442,356
Total Common Stocks (identified cost \$2,639,587)		\$ 5,082,603
Warrants 0.0%		
Security	Shares	Value

Oil and Gas 0.0%

SemGroup Corp., Expires 11/30/14 ⁽¹²⁾	789	\$	5,129
		\$	5,129

Publishing 0.0%

Reader's Digest Association, Inc. (The), Expires 2/19/14 ⁽⁵⁾⁽¹²⁾⁽¹³⁾	781	\$	0
		\$	0

Retailers (Except Food and Drug) 0.0%

Oriental Trading Co., Inc., Expires 2/11/16 ⁽⁵⁾⁽¹²⁾⁽¹³⁾	3,817	\$	0
Oriental Trading Co., Inc., Expires 2/11/16 ⁽⁵⁾⁽¹²⁾⁽¹³⁾	4,188		0
		\$	0

Total Warrants (identified cost \$8)		\$	5,129
---	--	----	--------------

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2011

Portfolio of Investments continued

Miscellaneous 0.0%

Security	Shares		Value
Business Equipment and Services 0.0%			
NCS Acquisition Corp., Escrow Certificate ⁽¹²⁾	20,000	\$	1,379
		\$	1,379
Cable and Satellite Television 0.0%			
Adelphia Recovery Trust ⁽¹²⁾	261,268	\$	2,613
Adelphia, Inc., Escrow Certificate ⁽¹²⁾	270,000		505
		\$	3,118
Total Miscellaneous (identified cost \$251,158)		\$	4,497

Short-Term Investments 6.1%

Description	Interest/ Principal Amount (000 s Omitted)		Value
--------------------	---	--	--------------

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

Eaton Vance Cash Reserves Fund, LLC, 0.11% ⁽¹⁵⁾	\$ 9,977	\$ 9,977,477
State Street Bank and Trust Euro Time Deposit, 0.01%, 7/1/11	6,315	6,314,992
Total Short-Term Investments (identified cost \$16,292,469)		\$ 16,292,469
Total Investments 157.0% (identified cost \$415,748,178)		\$ 417,535,577
Less Unfunded Loan Commitments (0.4)%		\$ (1,149,868)
Net Investments 156.6% (identified cost \$414,598,310)		\$ 416,385,709
Other Assets, Less Liabilities (15.2)%		\$ (40,457,312)
Auction Preferred Shares Plus Cumulative Unpaid Dividends (41.4)%		\$ (110,001,216)
Net Assets Applicable to Common Shares 100.0%		\$ 265,927,181

The percentage shown for each investment category in the Portfolio of Investments is based on net assets applicable to common shares.

EUR - Euro
GBP - British Pound Sterling

* In U.S. dollars unless otherwise indicated.

(1) Senior floating-rate interests (Senior Loans) often require prepayments from excess cash flows or permit the borrowers to repay at their election. The degree to which borrowers repay, whether as a contractual requirement or at their election, cannot be predicted with accuracy. As a result, the actual remaining maturity may be substantially less than the stated maturities shown. However, Senior Loans will have an expected average life of approximately two to four years. The stated interest rate represents the weighted average interest rate of all

contracts within the senior loan facility and includes commitment fees on unfunded loan commitments, if any. Senior Loans typically have rates of interest which are redetermined either daily, monthly, quarterly or semi-annually by reference to a base lending rate, plus a premium. These base lending rates are primarily the London Interbank Offered Rate (LIBOR) and secondarily, the prime rate offered by one or more major United States banks (the Prime Rate) and the certificate of deposit (CD) rate or other base lending rates used by commercial lenders.

- (2) This Senior Loan will settle after June 30, 2011, at which time the interest rate will be determined.
- (3) Unfunded or partially unfunded loan commitments. See Note 1G for description.
- (4) Defaulted matured security. For a variable rate security, interest rate has been adjusted to reflect non-accrual status.
- (5) Security valued at fair value using methods determined in good faith by or at the direction of the Trustees.
- (6) Represents a payment-in-kind security which may pay all or a portion of interest/dividends in additional par/shares.
- (7) Currently the issuer is in default with respect to interest payments. For a variable rate security, interest rate has been adjusted to reflect non-accrual status.
- (8) Security exempt from registration pursuant to Rule 144A under the Securities Act of 1933. These securities may be sold in certain transactions (normally to qualified institutional buyers) and remain exempt from registration. At June 30, 2011, the aggregate value of these securities is \$18,132,184 or 6.8% of the Trust's net assets applicable to common shares.
- (9) Amount is less than 0.05%.
- (10) Security exempt from registration under Regulation S of the Securities Act of 1933, which exempts from registration securities offered and sold outside the United States. Security may not be offered or sold in the United States except pursuant to an exemption from, or in a transaction not subject to, the registration requirements of the Securities Act of 1933.
- (11) Variable rate security. The stated interest rate represents the rate in effect at June 30, 2011.
- (12) Non-income producing security.
- (13) Security was acquired in connection with a restructuring of a Senior Loan and may be subject to restrictions on resale.
- (14) Restricted security (see Note 8).
- (15) Affiliated investment company available to Eaton Vance portfolios and funds which invests in high quality, U.S. dollar denominated money market instruments. The rate shown is the annualized seven-day yield as of June 30, 2011.

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2011

Statement of Assets and Liabilities

Assets	June 30, 2011
Unaffiliated investments, at value (identified cost, \$404,620,834)	\$ 406,408,232
Affiliated investment, at value (identified cost, \$9,977,477)	9,977,477
Cash	85,909
Restricted cash*	265,564
Foreign currency, at value (identified cost, \$3,045,532)	3,044,657
Interest and dividends receivable	1,810,477
Interest receivable from affiliated investment	937
Receivable for investments sold	3,844
Receivable for open forward foreign currency exchange contracts	294,880
Prepaid expenses and other assets	14,511
Total assets	\$ 421,906,488
Liabilities	
Notes payable	\$ 36,000,000
Payable for investments purchased	9,075,138
Payable for open forward foreign currency exchange contracts	298,485
Payable to affiliates:	
Investment adviser fee	281,419
Administration fee	84,762
Trustees fees	3,450
Accrued expenses	234,837
Total liabilities	\$ 45,978,091
	\$ 110,001,216

Auction preferred shares (4,400 shares outstanding) at liquidation value plus cumulative unpaid dividends

Net assets applicable to common shares **\$ 265,927,181**

Sources of Net Assets

Common shares, \$0.01 par value, unlimited number of shares authorized, 36,752,548 shares issued and outstanding	\$ 367,525
Additional paid-in capital	320,528,573
Accumulated net realized loss	(59,425,466)
Accumulated undistributed net investment income	2,683,963
Net unrealized appreciation	1,772,586

Net assets applicable to common shares **\$ 265,927,181**

Net Asset Value Per Common Share

(\$265,927,181 ÷ 36,752,548 common shares issued and outstanding) **\$ 7.24**

* Represents restricted cash on deposit at the custodian as collateral for open financial contracts.

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2011

Statement of Operations

	Year Ended June 30, 2011
Investment Income	
Interest and other income	\$ 20,987,434
Dividends	55,060
Interest allocated from affiliated investment	19,981
Expenses allocated from affiliated investment	(1,053)
Total investment income	\$ 21,061,422

Expenses

Investment adviser fee	\$ 3,378,232
Administration fee	1,007,484
Trustees' fees and expenses	14,276
Custodian fee	190,300
Transfer and dividend disbursing agent fees	22,686
Legal and accounting services	114,321
Printing and postage	60,804
Interest expense and fees	608,250
Preferred shares service fee	166,707
Miscellaneous	111,949

Total expenses **\$ 5,675,009**

Deduct
Reduction of custodian fee \$ 66

Total expense reductions **\$ 66**

Net expenses	\$ 5,674,943
Net investment income	\$ 15,386,479
Realized and Unrealized Gain (Loss)	
Net realized gain (loss)	
Investment transactions	\$ (2,476,392)
Investment transactions allocated from affiliated investment	491
Foreign currency and forward foreign currency exchange contract transactions	(4,490,392)
Net realized loss	\$ (6,966,293)
Change in unrealized appreciation (depreciation)	
Investments	\$ 27,299,419
Foreign currency and forward foreign currency exchange contracts	(208,740)
Net change in unrealized appreciation (depreciation)	\$ 27,090,679
Net realized and unrealized gain	\$ 20,124,386
Distributions to preferred shareholders	
From net investment income	\$ (218,335)
Net increase in net assets from operations	\$ 35,292,530

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2011

Statements of Changes in Net Assets

Increase (Decrease) in Net Assets	Year Ended June 30, 2011	Year Ended June 30, 2010
From operations		
Net investment income	\$ 15,386,479	\$ 14,420,954
Net realized loss from investment, foreign currency and forward foreign currency exchange contract transactions	(6,966,293)	(9,843,825)
Net change in unrealized appreciation (depreciation) from investments, foreign currency and forward foreign currency exchange contracts	27,090,679	53,817,019
Distributions to preferred shareholders From net investment income	(218,335)	(214,905)
Net increase in net assets from operations	\$ 35,292,530	\$ 58,179,243
Distributions to common shareholders From net investment income	\$ (16,171,463)	\$ (13,049,605)
Total distributions to common shareholders	\$ (16,171,463)	\$ (13,049,605)
Capital share transactions Reinvestment of distributions to common shareholders	\$ 1,065,574	\$ 428,400
Net increase in net assets from capital share transactions	\$ 1,065,574	\$ 428,400
Net increase in net assets	\$ 20,186,641	\$ 45,558,038

Net Assets Applicable to Common Shares

At beginning of year	\$ 245,740,540	\$ 200,182,502
At end of year	\$ 265,927,181	\$ 245,740,540

Accumulated undistributed net investment income
included in net assets applicable to common shares

At end of year	\$ 2,683,963	\$ 1,494,704
-----------------------	---------------------	---------------------

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2011

Statement of Cash Flows

	Year Ended June 30, 2011
Cash Flows From Operating Activities	
Net increase in net assets from operations	\$ 35,292,530
Distributions to preferred shareholders	218,335
Net increase in net assets from operations excluding distributions to preferred shareholders	\$ 35,510,865
Adjustments to reconcile net increase in net assets from operations to net cash provided by operating activities:	
Investments purchased	(206,428,807)
Investments sold and principal repayments	208,496,938
Increase in short-term investments, net	(2,835,123)
Net amortization/accretion of premium (discount)	(2,420,178)
Increase in restricted cash	(265,564)
Decrease in interest and dividends receivable	123,085
Decrease in interest receivable from affiliated investment	993
Decrease in receivable for investments sold	3,217,028
Increase in receivable for open forward foreign currency exchange contracts	(37,885)
Increase in prepaid expenses and other assets	(6,046)
Increase in payable for investments purchased	56,589
Increase in payable for open forward foreign currency exchange contracts	298,485
Increase in payable to affiliate for investment adviser fee	10,278
Increase in payable to affiliate for administration fee	5,015
Increase in payable to affiliate for Trustees fees	205
Decrease in accrued expenses	(67,070)
Increase in unfunded loan commitments	1,137,534
Net change in unrealized (appreciation) depreciation from investments	(27,299,419)
Net realized loss from investments	2,476,392
Net cash provided by operating activities	\$ 11,973,315

Cash Flows From Financing Activities

Distributions paid to common shareholders, net of reinvestments	\$ (15,105,889)
Cash distributions to preferred shareholders	(219,746)
Proceeds from notes payable	15,000,000
Repayment of notes payable	(10,000,000)

Net cash used in financing activities **\$ (10,325,635)**

Net increase in cash* **\$ 1,647,680**

Cash at beginning of year⁽¹⁾ **\$ 1,482,886**

Cash at end of year⁽¹⁾ **\$ 3,130,566**

Supplemental disclosure of cash flow information:

Noncash financing activities not included herein consist of:

Reinvestment of dividends and distributions	\$ 1,065,574
Cash paid for interest and fees on borrowings	\$ 610,107

* Includes net change in unrealized appreciation (depreciation) on foreign currency of \$12,045

(1) Balance includes foreign currency, at value.

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2011

Financial Highlights

Selected data for a common share outstanding during the periods stated

	Year Ended June 30,				
	2011	2010	2009	2008	2007
Net asset value Beginning of year (Common shares)	\$ 6.710	\$ 5.480	\$ 7.480	\$ 8.800	\$ 8.740
Income (Loss) From Operations					
Net investment income ⁽¹⁾	\$ 0.420	\$ 0.395	\$ 0.492	\$ 0.742	\$ 0.801
Net realized and unrealized gain (loss)	0.557	1.198	(2.012)	(1.324)	0.060
Distributions to preferred shareholders from net investment income ⁽¹⁾	(0.006)	(0.006)	(0.033)	(0.133)	(0.154)
Total income (loss) from operations	\$ 0.971	\$ 1.587	\$ (1.553)	\$ (0.715)	\$ 0.707
Less Distributions to Common Shareholders					
From net investment income	\$ (0.441)	\$ (0.357)	\$ (0.439)	\$ (0.605)	\$ (0.647)
Tax return of capital			(0.008)		
Total distributions to common shareholders	\$ (0.441)	\$ (0.357)	\$ (0.447)	\$ (0.605)	\$ (0.647)

Net asset value	End of year					
(Common shares)		\$ 7.240	\$ 6.710	\$ 5.480	\$ 7.480	\$ 8.800
Market value	End of year (Common					
shares)		\$ 7.200	\$ 6.630	\$ 4.690	\$ 6.620	\$ 8.570
Total Investment Return on Net Asset						
Value⁽²⁾		14.80%	29.77%	(18.99)%	(7.58)%	8.70%
Total Investment Return on Market						
Value⁽²⁾		15.55%	49.83%	(21.66)%	(16.01)%	13.81%

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2011

Financial Highlights continued

Selected data for a common share outstanding during the periods stated

Year Ended June 30,

Ratios/Supplemental Data	2011	2010	2009	2008	2007
Net assets applicable to common shares, end of year (000 s omitted)	\$ 265,927	\$ 245,741	\$ 200,183	\$ 272,941	\$ 320,943
Ratios (as a percentage of average daily net assets applicable to common shares): ⁽³⁾					
Expenses before custodian fee reduction excluding interest and fees	1.95%	2.05%	2.44%	2.22%	2.21%
Interest and fee expense	0.23%	0.25%	0.99%	1.95%	2.16%
Total expenses before custodian fee reduction	2.18%	2.30%	3.43%	4.17%	4.36%
Expenses after custodian fee reduction excluding interest and fees	1.95%	2.05%	2.44%	2.22%	2.20%
Net investment income	5.90%	6.08%	9.64%	9.47%	9.11%
Portfolio Turnover	53%	43%	18%	26%	64%

The ratios reported above are based on net assets applicable solely to common shares. The ratios based on net assets, including amounts related to preferred shares and borrowings, are as follows:

Ratios (as a percentage of average daily net assets applicable to common shares plus preferred shares and borrowings): ⁽³⁾					
Expenses before custodian fee reduction excluding interest and fees	1.26%	1.31%	1.54%	1.60%	1.64%
Interest and fee expense	0.15%	0.16%	0.62%	1.41%	1.61%
Total expenses before custodian reduction	1.41%	1.47%	2.16%	3.01%	3.25%
Expenses after custodian fee reduction excluding interest and fees	1.26%	1.31%	1.54%	1.60%	1.64%
Net investment income	3.8				