

EATON VANCE SENIOR INCOME TRUST  
Form N-CSRS  
February 28, 2013

**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**

**December 31, 2012**

**Date of Reporting Period**

**Item 1. Reports to Stockholders**

Eaton Vance

Senior Income Trust (EVF)

Semiannual Report

December 31, 2012

**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.**

**Semiannual Report** December 31, 2012

Eaton Vance

Senior Income Trust

**Table of Contents**

Performance	2
Fund Profile	3
Endnotes and Additional Disclosures	4
Financial Statements	5
Annual Meeting of Shareholders	37
Officers and Trustees	38
Important Notices	39

## Eaton Vance

## Senior Income Trust

December 31, 2012

Performance<sup>1,2</sup>**Portfolio Managers** Scott H. Page, CFA and John Redding

<b>% Average Annual Total Returns</b>	<b>Inception Date</b>	<b>Six Months</b>	<b>One Year</b>	<b>Five Years</b>	<b>Ten Years</b>
Fund at NAV	10/30/1998	5.68%	13.13%	5.63%	5.98%
Fund at Market Price		10.88	23.32	8.70	6.76
S&P/LSTA Leveraged Loan Index		4.91%	9.67%	5.67%	5.72%

<b>% Premium/Discount to NAV</b>	2.86%
----------------------------------	-------

**Distributions<sup>3</sup>**

Total Distributions per share for the period	\$ 0.291
Distribution Rate at NAV	6.38%
Distribution Rate at Market Price	6.21%

**% Total Leverage<sup>4</sup>**

Auction Preferred Shares (APS)	25.91%
Borrowings	10.60

See Endnotes and Additional Disclosures in this report.

Past performance is no guarantee of future results. Returns are historical and are calculated by determining the percentage change in net asset value (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](http://www.eatonvance.com).

## Eaton Vance

### Senior Income Trust

December 31, 2012

#### Fund Profile

#### Top 10 Holdings (% of total investments)<sup>5</sup>

Alliance Boots Holdings Limited	1.2%
Intelsat Jackson Holdings Ltd.	1.2
Rite Aid Corporation	1.2
Asurion LLC	1.1
Aramark Corporation	1.1
Chrysler Group LLC	1.0
Calpine Corp. (corporate bond)	1.0
General Nutrition Centers, Inc.	0.9
SunGard Data Systems, Inc.	0.8
Telesat LLC	0.8
Total	10.3%

#### Top 10 Sectors (% of total investments)<sup>5</sup>

Health Care	11.2%
Business Equipment and Services	8.6
Electronics/Electrical	7.1
Automotive	4.6
Financial Intermediaries	4.2
Telecommunications	4.1
Publishing	4.0
Retailers (Except Food and Drug)	3.9
Leisure Goods/Activities/Movies	3.8
Food Products	3.7
Total	55.2%

#### Credit Quality (% of loan holdings)<sup>6</sup>



*See Endnotes and Additional Disclosures in this report.*

## Eaton Vance

### Senior Income Trust

December 31, 2012

#### Endnotes and Additional Disclosures

<sup>1</sup> S&P/LSTA Leveraged Loan Index is an unmanaged index of the institutional leveraged loan market. Unless otherwise stated, index returns do not reflect the effect of any applicable sales charges, commissions, expenses, taxes or leverage, as applicable. It is not possible to invest directly in an index.

<sup>2</sup> Performance results reflect the effects of leverage.

<sup>3</sup> 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 composed of ordinary income, tax-exempt income, net realized capital gains and return of capital. The Fund's distribution rate is determined by the investment adviser based on its current assessment of the Fund's long-term return potential. As portfolio and market conditions change, the rate of distributions paid by the Fund could change.

<sup>4</sup> Leverage represents the liquidation value of the Fund's APS and borrowings outstanding as a percentage of Fund net assets applicable to common shares plus 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.

<sup>5</sup> Excludes cash and cash equivalents.

<sup>6</sup> 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. Ratings of BBB or higher by Standard and Poor's or Fitch (Baa or higher by Moody's) are considered to be investment grade quality.

Fund profile subject to change due to active management.

## Eaton Vance

## Senior Income Trust

December 31, 2012

## Portfolio of Investments (Unaudited)

Senior Floating-Rate Interests 142.5%

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
<b>Aerospace and Defense 2.7%</b>		
<b>AVIO S.p.A</b>		
Term Loan, 3.09%, Maturing June 14, 2017	300	\$ 299,485
Term Loan, 3.86%, Maturing December 14, 2017	EUR 275	363,894
Term Loan, 3.96%, Maturing December 14, 2017	325	324,442
<b>Booz Allen Hamilton Inc.</b>		
Term Loan, 4.50%, Maturing July 31, 2019	424	429,502
<b>DAE Aviation Holdings, Inc.</b>		
Term Loan, 6.25%, Maturing October 29, 2018	343	348,324
Term Loan, 6.25%, Maturing November 2, 2018	156	157,907
<b>Ducommun Incorporated</b>		
Term Loan, 5.50%, Maturing June 28, 2017	235	237,732
<b>Hamilton Sundstrand Industrial</b>		
Term Loan, 5.00%, Maturing December 13, 2019	1,000	1,010,089
<b>IAP Worldwide Services, Inc.</b>		
Term Loan, 10.00%, Maturing December 31, 2015	882	670,058
<b>Sequa Corporation</b>		
Term Loan, 5.25%, Maturing May 29, 2017	800	806,666
<b>TASC, Inc.</b>		
Term Loan, 4.50%, Maturing December 18, 2015	737	738,017
<b>Transdigm, Inc.</b>		
Term Loan, 4.00%, Maturing February 14, 2017	496	499,734
Term Loan, 4.00%, Maturing February 14, 2017	1,076	1,084,071
<b>Wyle Services Corporation</b>		
Term Loan, 5.00%, Maturing March 27, 2017	372	374,798
		<b>\$ 7,344,719</b>
<b>Air Transport 0.6%</b>		
<b>Evergreen International Aviation, Inc.</b>		
Term Loan, 11.50%, Maturing June 30, 2015	414	\$ 405,671
<b>Orbitz Worldwide Inc.</b>		
Term Loan, 3.21%, Maturing July 25, 2014	1,372	1,323,236
		<b>\$ 1,728,907</b>
<b>Automotive 7.0%</b>		
<b>Allison Transmission, Inc.</b>		

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

Term Loan, 2.71%, Maturing August 7, 2014	551	\$ 554,757
Term Loan, 4.25%, Maturing August 23, 2019	1,718	1,736,956
<b>Autoparts Holdings Limited</b>		
Term Loan, 6.50%, Maturing July 28, 2017	693	695,148
<b>Chrysler Group LLC</b>		
Term Loan, 6.00%, Maturing May 24, 2017	4,067	4,161,699

	<b>Principal Amount*</b>	
	(000 s omitted)	<b>Value</b>

**Borrower/Tranche Description**

**Automotive (continued)**

<b>Delphi Corporation</b>		
Term Loan, 3.50%, Maturing March 31, 2017	936	\$ 941,702
<b>Federal-Mogul Corporation</b>		
Term Loan, 2.15%, Maturing December 29, 2014	2,186	2,012,506
Term Loan, 2.15%, Maturing December 28, 2015	571	526,072
<b>Goodyear Tire &amp; Rubber Company (The)</b>		
Term Loan - Second Lien, 4.75%, Maturing April 30, 2019	3,375	3,403,688
<b>HHI Holdings LLC</b>		
Term Loan, 6.00%, Maturing October 3, 2018	1,050	1,065,750
<b>Metaldyne Company LLC</b>		
Term Loan, 6.00%, Maturing December 18, 2018	675	681,750
<b>SRAM, LLC</b>		
Term Loan, 4.78%, Maturing June 7, 2018	598	600,767
<b>Tomkins LLC</b>		
Term Loan, 4.25%, Maturing September 29, 2016	723	728,949
<b>TriMas Corporation</b>		
Term Loan, 3.75%, Maturing October 10, 2019	449	451,119
<b>Veyance Technologies, Inc.</b>		
Term Loan, 2.47%, Maturing July 31, 2014	100	99,012
Term Loan, 2.47%, Maturing July 31, 2014	697	691,260
Term Loan, 5.50%, Maturing July 31, 2014	174	173,905
Term Loan - Second Lien, 5.96%, Maturing July 31, 2015	425	410,125
		<b>\$ 18,935,165</b>

**Beverage and Tobacco (0.0%)**

<b>Maine Beverage Company</b>		
Term Loan, 2.11%, Maturing March 31, 2013	18	\$ 17,786
		<b>\$ 17,786</b>

**Building and Development (0.7%)**

<b>Armstrong World Industries, Inc.</b>		
Term Loan, 4.00%, Maturing March 9, 2018	443	\$ 447,423
<b>Preferred Proppants, LLC</b>		
Term Loan, 7.50%, Maturing December 15, 2016	371	345,262
<b>RE/MAX International, Inc.</b>		
Term Loan, 5.50%, Maturing April 15, 2016	833	835,567
<b>Summit Materials Companies I, LLC</b>		
Term Loan, 6.00%, Maturing January 30, 2019	248	250,529
		<b>\$ 1,878,781</b>

## Eaton Vance

## Senior Income Trust

December 31, 2012

Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
<b>Business Equipment and Services 13.3%</b>		
<b>ACCO Brands Corporation</b>		
Term Loan, 4.25%, Maturing April 30, 2019	182	\$ 183,230
<b>Acosta, Inc.</b>		
Term Loan, 5.00%, Maturing March 2, 2018	985	995,012
<b>Axiom Corporation</b>		
Term Loan, 3.30%, Maturing March 15, 2015	351	353,438
<b>Advantage Sales &amp; Marketing, Inc.</b>		
Term Loan, 5.25%, Maturing December 18, 2017	1,401	1,415,027
<b>Affinion Group, Inc.</b>		
Term Loan, 6.50%, Maturing October 9, 2016	2,265	2,077,394
<b>Allied Security Holdings, LLC</b>		
Term Loan, 5.25%, Maturing February 3, 2017	491	492,482
<b>Altegrity, Inc.</b>		
Term Loan, 7.75%, Maturing February 20, 2015	336	333,942
Term Loan, 2.96%, Maturing February 21, 2015	709	660,403
<b>Altisource Solutions S.a.r.l.</b>		
Term Loan, 5.75%, Maturing November 27, 2019	400	402,000
<b>Audio Visual Services Group, Inc.</b>		
Term Loan, 6.75%, Maturing November 9, 2018	549	540,396
<b>BAR/BRI Review Courses, Inc.</b>		
Term Loan, 6.00%, Maturing June 16, 2017	327	327,127
<b>Brand Energy &amp; Infrastructure Services, Inc.</b>		
Term Loan, 5.75%, Maturing October 16, 2016	82	81,462
Term Loan, 6.25%, Maturing October 16, 2018	342	338,360
<b>Brickman Group Holdings Inc.</b>		
Term Loan, 5.50%, Maturing October 14, 2016	701	712,864
<b>Brock Holdings III, Inc.</b>		
Term Loan, 6.00%, Maturing March 16, 2017	562	565,956
<b>ClientLogic Corporation</b>		
Term Loan, 6.86%, Maturing January 30, 2017	EUR 586	703,351
Term Loan, 7.10%, Maturing January 30, 2017	303	296,287
<b>Corporate Executive Board Company, The</b>		
Term Loan, 5.00%, Maturing July 2, 2019	275	276,891
<b>CPM Acquisition Corp.</b>		
Term Loan, 6.25%, Maturing August 29, 2017	249	251,557
<b>DynCorp International LLC</b>		
Term Loan, 6.25%, Maturing July 7, 2016	258	260,203
<b>Education Management LLC</b>		
Term Loan, 8.25%, Maturing March 29, 2018	1,041	871,365
<b>EIG Investors Corp.</b>		
Term Loan, 6.25%, Maturing November 8, 2019	1,025	1,027,562
Term Loan - Second Lien, 10.25%, Maturing May 8, 2020	250	249,688
<b>Expert Global Solutions, Inc.</b>		

## Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSRS

Borrower/Tranche Description	990 Principal Amount* (000 s omitted)	995,920 Value
Term Loan, 8.00%, Maturing April 3, 2018		
<b>Business Equipment and Services (continued)</b>		
<b>Genesys Telecom Holdings, U.S., Inc.</b>		
Term Loan, 6.75%, Maturing January 31, 2019	323	\$ 326,998
<b>Genpact International, Inc.</b>		
Term Loan, 4.25%, Maturing August 30, 2019	823	832,196
<b>Go Daddy Operating Company, LLC</b>		
Term Loan, 5.50%, Maturing December 17, 2018	716	718,026
<b>IMS Health Incorporated</b>		
Term Loan, 4.50%, Maturing August 25, 2017	1,227	1,236,852
<b>KAR Auction Services, Inc.</b>		
Term Loan, 5.00%, Maturing May 19, 2017	1,428	1,443,425
<b>Kronos Incorporated</b>		
Term Loan, 5.50%, Maturing October 25, 2019	800	809,500
Term Loan - Second Lien, 9.75%, Maturing April 30, 2020	450	452,250
<b>Language Line, LLC</b>		
Term Loan, 6.25%, Maturing June 20, 2016	1,011	1,008,713
<b>Meritas LLC</b>		
Term Loan, 7.50%, Maturing July 28, 2017	346	347,253
<b>Mitchell International, Inc.</b>		
Term Loan - Second Lien, 5.56%, Maturing March 30, 2015	500	493,750
<b>Monitronics International Inc.</b>		
Term Loan, 5.50%, Maturing March 23, 2018	422	426,559
<b>National CineMedia, LLC</b>		
Term Loan, 3.47%, Maturing November 23, 2019	250	250,833
<b>Quintiles Transnational Corp.</b>		
Term Loan, 4.50%, Maturing June 8, 2018	2,142	2,159,782
<b>Renaissance Learning, Inc.</b>		
Term Loan, 5.75%, Maturing November 13, 2018	274	275,684
<b>Sensus USA Inc.</b>		
Term Loan, 4.75%, Maturing May 9, 2017	344	345,236
<b>Softlayer Technologies, Inc.</b>		
Term Loan, 7.25%, Maturing November 5, 2016	319	320,491
<b>SunGard Data Systems, Inc.</b>		
Term Loan, 3.87%, Maturing February 26, 2016	1,328	1,337,240
Term Loan, 3.96%, Maturing February 28, 2017	2,163	2,178,657
<b>SymphonyIRI Group, Inc.</b>		
Term Loan, 5.00%, Maturing December 1, 2017	419	419,933
<b>Trans Union, LLC</b>		
Term Loan, 5.50%, Maturing February 12, 2018	1,903	1,932,027
<b>Travelport LLC</b>		
Term Loan, 4.90%, Maturing August 21, 2015	EUR 371	465,018
Term Loan, 5.06%, Maturing August 21, 2015	299	287,463
Term Loan, 5.11%, Maturing August 21, 2015	1,103	1,061,683

## Eaton Vance

## Senior Income Trust

December 31, 2012

## Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
<b>Business Equipment and Services (continued)</b>		
<b>U.S. Security Holdings, Inc.</b>		
Term Loan, 6.00%, Maturing July 28, 2017	61	\$ 61,197
Term Loan, 6.00%, Maturing July 28, 2017	310	312,665
<b>West Corporation</b>		
Term Loan, 5.50%, Maturing July 15, 2016	356	361,297
Term Loan, 5.50%, Maturing July 15, 2016	1,013	1,028,117
Term Loan, 5.75%, Maturing June 29, 2018	597	605,582
		<b>\$ 35,910,344</b>
<b>Cable and Satellite Television 5.1%</b>		
<b>Atlantic Broadband Finance, LLC</b>		
Term Loan, 4.50%, Maturing November 29, 2019	425	\$ 429,604
<b>BBHI Acquisition LLC</b>		
Term Loan, 4.50%, Maturing December 14, 2017	613	617,285
<b>Bragg Communications Incorporated</b>		
Term Loan, 4.00%, Maturing February 28, 2018	199	200,237
<b>Cequel Communications, LLC</b>		
Term Loan, 4.00%, Maturing February 14, 2019	2,208	2,221,808
<b>Crown Media Holdings, Inc.</b>		
Term Loan, 5.75%, Maturing July 14, 2018	225	226,544
<b>CSC Holdings, Inc.</b>		
Term Loan, 1.96%, Maturing March 29, 2016	1,925	1,933,362
<b>Kabel Deutschland GMBH</b>		
Term Loan, 4.25%, Maturing February 1, 2019	550	554,011
<b>Lavena Holdings 4 GmbH</b>		
Term Loan, 2.95%, Maturing March 6, 2015	EUR 521	665,997
Term Loan, 3.32%, Maturing March 4, 2016	EUR 521	665,997
Term Loan, 7.70%, Maturing March 6, 2017 <sup>(3)</sup>	EUR 216	264,793
Term Loan - Second Lien, 4.45%, Maturing September 2, 2016	EUR 271	335,338
<b>MCC Iowa LLC</b>		
Term Loan, 1.95%, Maturing January 30, 2015	785	782,133
<b>Mediacom Broadband LLC</b>		
Term Loan, 4.50%, Maturing October 23, 2017	731	733,535
<b>Mediacom Illinois, LLC</b>		
Term Loan, 1.70%, Maturing January 30, 2015	997	987,374
Term Loan, 4.50%, Maturing October 23, 2017	390	389,756
<b>UPC Broadband Holding B.V.</b>		
Term Loan, 3.86%, Maturing December 31, 2016	EUR 726	960,863
<b>UPC Financing Partnership</b>		
Term Loan, 3.71%, Maturing December 30, 2016	379	378,057

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

Term Loan, 3.71%, Maturing December 29, 2017	1,037	1,036,483
Term Loan, 4.00%, Maturing January 29, 2021	400	399,875
		<b>\$ 13,783,052</b>

<b>Borrower/Tranche Description</b>	<b>Principal Amount* (000 s omitted)</b>	<b>Value</b>
<b>Chemicals and Plastics 3.8%</b>		
<b>AZ Chem US Inc.</b>		
Term Loan, 7.25%, Maturing December 22, 2017	530	\$ 539,612
<b>Emerald Performance Materials, LLC</b>		
Term Loan, 6.75%, Maturing May 18, 2018	348	350,862
<b>General Chemical Corporation</b>		
Term Loan, 5.00%, Maturing October 6, 2015	260	261,300
<b>Harko C.V.</b>		
Term Loan, 5.75%, Maturing August 2, 2017	494	499,305
<b>Ineos US Finance LLC</b>		
Term Loan, 6.50%, Maturing May 4, 2018	1,737	1,758,315
<b>Momentive Specialty Chemicals Inc.</b>		
Term Loan, 4.00%, Maturing May 5, 2015	707	708,471
Term Loan, 4.06%, Maturing May 5, 2015	320	320,995
Term Loan, 4.06%, Maturing May 5, 2015	473	465,412
<b>PolyOne Corp.</b>		
Term Loan, 5.00%, Maturing December 20, 2017	322	325,169
<b>PQ Corporation</b>		
Term Loan, 5.25%, Maturing May 8, 2017	600	603,900
<b>Rockwood Specialties Group, Inc.</b>		
Term Loan, 3.50%, Maturing February 9, 2018	63	64,014
<b>Trinseo Materials Operating S.C.A.</b>		
Term Loan, 8.00%, Maturing August 2, 2017	705	690,631
<b>Tronox Pigments (Netherlands) B.V.</b>		
Term Loan, 4.25%, Maturing February 8, 2018	197	199,257
Term Loan, 4.25%, Maturing February 8, 2018	723	731,287
<b>Univar Inc.</b>		
Term Loan, 5.00%, Maturing June 30, 2017	2,732	2,731,076
		<b>\$ 10,249,606</b>
<b>Clothing / Textiles 0.3%</b>		
<b>Ascena Retail Group, Inc.</b>		
Term Loan, 4.75%, Maturing June 14, 2018	419	\$ 422,802
<b>Phillips-Van Heusen Corporation</b>		
Term Loan, 3.50%, Maturing May 6, 2016	253	254,670
<b>Wolverine Worldwide, Inc.</b>		
Term Loan, 4.00%, Maturing July 31, 2019	255	256,629
		<b>\$ 934,101</b>
<b>Conglomerates 2.9%</b>		
<b>Jason Incorporated</b>		
Term Loan, 8.25%, Maturing September 21, 2014	112	\$ 112,513
Term Loan, 7.75%, Maturing September 22, 2014	99	98,677
Term Loan, 8.25%, Maturing September 22, 2014	45	45,445



## Eaton Vance

## Senior Income Trust

December 31, 2012

## Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
<b>Conglomerates (continued)</b>		
<b>Rexnord Corporation</b>		
Term Loan, 4.50%, Maturing April 2, 2018	1,658	\$ 1,675,383
<b>RGIS Services, LLC</b>		
Term Loan, 4.56%, Maturing October 18, 2016	1,918	1,932,259
Term Loan, 5.50%, Maturing October 18, 2017	695	701,698
<b>Rocket Software, Inc.</b>		
Term Loan, 5.75%, Maturing February 8, 2018	223	223,585
Term Loan - Second Lien, 10.25%, Maturing February 8, 2019	250	250,469
<b>Spectrum Brands, Inc.</b>		
Term Loan, 4.50%, Maturing December 17, 2019	1,675	1,691,619
<b>Walter Energy, Inc.</b>		
Term Loan, 5.75%, Maturing April 2, 2018	947	955,395
		<b>\$ 7,687,043</b>
<b>Containers and Glass Products 1.4%</b>		
<b>BWAY Corporation</b>		
Term Loan, 4.50%, Maturing August 7, 2017	1,050	\$ 1,056,781
<b>Pelican Products, Inc.</b>		
Term Loan, 7.00%, Maturing July 11, 2018	249	245,019
<b>Reynolds Group Holdings Inc.</b>		
Term Loan, 4.75%, Maturing September 28, 2018	1,721	1,744,249
<b>Sealed Air Corporation</b>		
Term Loan, 4.00%, Maturing October 3, 2018	272	275,834
<b>TricorBraun, Inc.</b>		
Term Loan, 5.50%, Maturing May 3, 2018	324	326,754
		<b>\$ 3,648,637</b>
<b>Cosmetics / Toiletries 0.7%</b>		
<b>Bausch &amp; Lomb, Inc.</b>		
Term Loan, 5.25%, Maturing May 17, 2019	1,493	\$ 1,507,958
<b>KIK Custom Products, Inc.</b>		
Term Loan - Second Lien, 5.31%, Maturing November 28, 2014	525	420,000
		<b>\$ 1,927,958</b>
<b>Drugs 1.3%</b>		

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

<b>Aptalis Pharma, Inc.</b>		
Term Loan, 5.50%, Maturing February 10, 2017	248	\$ 249,986
Term Loan, 5.50%, Maturing February 10, 2017	784	789,227
<b>Par Pharmaceutical Companies, Inc.</b>		
Term Loan, 5.00%, Maturing September 30, 2019	599	599,310
<b>Warner Chilcott Company, LLC</b>		
Term Loan, 4.25%, Maturing March 15, 2018	369	371,455
	<b>Principal Amount*</b>	
<b>Borrower/Tranche Description</b>	<b>(000 s omitted)</b>	<b>Value</b>
<b>Drugs (continued)</b>		
<b>Warner Chilcott Corporation</b>		
Term Loan, 4.25%, Maturing March 15, 2018	280	\$ 282,135
Term Loan, 4.25%, Maturing March 15, 2018	737	742,910
<b>WC Luxco S.a.r.l.</b>		
Term Loan, 4.25%, Maturing March 15, 2018	507	510,750
		<b>\$ 3,545,773</b>
<b>Ecological Services and Equipment 0.5%</b>		
<b>ADS Waste Holdings, Inc.</b>		
Term Loan, 5.25%, Maturing October 9, 2019	1,000	\$ 1,013,750
<b>Progressive Waste Solutions Ltd.</b>		
Term Loan, 3.50%, Maturing October 24, 2019	274	277,056
		<b>\$ 1,290,806</b>
<b>Electronics / Electrical 11.2%</b>		
<b>Aeroflex Incorporated</b>		
Term Loan, 5.75%, Maturing May 9, 2018	762	\$ 770,248
<b>Aspect Software, Inc.</b>		
Term Loan, 7.00%, Maturing May 6, 2016	640	646,552
<b>Attachmate Corporation</b>		
Term Loan, 7.25%, Maturing November 22, 2017	1,516	1,532,720
<b>Cinedigm Digital Funding I, LLC</b>		
Term Loan, 5.25%, Maturing April 29, 2016	199	200,025
<b>CommScope, Inc.</b>		
Term Loan, 4.25%, Maturing January 12, 2018	1,056	1,064,769
<b>CompuCom Systems, Inc.</b>		
Term Loan, 6.50%, Maturing October 2, 2018	400	402,500
<b>Dealer Computer Services, Inc.</b>		
Term Loan, 3.75%, Maturing April 20, 2018	754	759,435
<b>DG FastChannel, Inc.</b>		
Term Loan, 5.75%, Maturing July 26, 2018	1,021	969,507
<b>Eagle Parent, Inc.</b>		
Term Loan, 5.00%, Maturing May 16, 2018	1,305	1,316,545
<b>Edwards (Cayman Islands II) Limited</b>		
Term Loan, 5.50%, Maturing May 31, 2016	520	521,167
<b>Freescal Semiconductor, Inc.</b>		
Term Loan, 4.46%, Maturing December 1, 2016	1,778	1,748,246
<b>Hyland Software, Inc.</b>		
Term Loan, 5.50%, Maturing October 25, 2019	175	175,738
<b>Infor (US), Inc.</b>		
Term Loan, 5.25%, Maturing April 5, 2018	2,562	2,590,565
<b>Magic Newco LLC</b>		
Term Loan, 7.25%, Maturing December 12, 2018	698	704,883

## Eaton Vance

## Senior Income Trust

December 31, 2012

## Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
<b>Electronics / Electrical (continued)</b>		
<b>Microsemi Corporation</b>		
Term Loan, 4.00%, Maturing February 2, 2018	740	\$ 746,693
<b>NeuStar, Inc.</b>		
Term Loan, 5.00%, Maturing November 8, 2018	494	497,299
<b>Nxp B.V.</b>		
Term Loan, 4.50%, Maturing March 3, 2017	853	862,137
Term Loan, 5.50%, Maturing March 3, 2017	518	529,697
Term Loan, 5.25%, Maturing March 19, 2019	819	827,171
Term Loan, 4.75%, Maturing January 11, 2020	475	477,821
<b>Open Solutions, Inc.</b>		
Term Loan, 2.44%, Maturing January 23, 2014	1,131	1,076,064
<b>Rovi Solutions Corporation</b>		
Term Loan, 4.00%, Maturing March 29, 2019	397	392,534
<b>RP Crown Parent, LLC</b>		
Term Loan, 6.75%, Maturing December 14, 2018	1,325	1,325,237
Term Loan - Second Lien, Maturing December 20, 2019 <sup>(4)</sup>	250	253,021
<b>Semtech Corporation</b>		
Term Loan, 4.25%, Maturing March 20, 2017	199	201,114
<b>Sensata Technologies Finance Company, LLC</b>		
Term Loan, 3.75%, Maturing May 11, 2018	1,773	1,784,525
<b>Serena Software, Inc.</b>		
Term Loan, 4.21%, Maturing March 10, 2016	715	717,103
Term Loan, 5.00%, Maturing March 10, 2016	175	176,531
<b>Shield Finance Co. S.A.R.L.</b>		
Term Loan, 6.50%, Maturing May 10, 2019	498	498,744
<b>Sirius Computer Solutions, Inc.</b>		
Term Loan, 8.00%, Maturing November 30, 2018	294	296,989
<b>SkillSoft Corporation</b>		
Term Loan, 5.00%, Maturing May 26, 2017	610	615,806
<b>Sophia, L.P.</b>		
Term Loan, 6.25%, Maturing July 19, 2018	678	688,012
<b>Spansion LLC</b>		
Term Loan, 5.25%, Maturing December 11, 2018	374	377,545
<b>SS&amp;C Technologies Inc.</b>		
Term Loan, 5.00%, Maturing June 7, 2019	64	64,667
Term Loan, 5.00%, Maturing June 7, 2019	620	627,631
<b>SumTotal Systems, Inc.</b>		
Term Loan, 6.25%, Maturing November 16, 2018	650	646,750
<b>VeriFone Inc.</b>		
Term Loan, 4.25%, Maturing December 28, 2018	107	107,312
<b>Vertafore, Inc.</b>		
Term Loan, 5.25%, Maturing July 29, 2016	1,060	1,072,925
<b>Borrower/Tranche Description</b>		<b>Value</b>

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

	<b>Principal Amount*</b>	
	<b>(000 s omitted)</b>	
<b>Electronics / Electrical (continued)</b>		
<b>Wall Street Systems, Inc.</b>		
Term Loan, 5.75%, Maturing October 24, 2019	600	\$ 603,000
Term Loan - Second Lien, 9.25%, Maturing April 24, 2020	250	251,250
<b>Web.com Group, Inc.</b>		
Term Loan, 5.50%, Maturing October 27, 2017	1,041	1,051,237
		<b>\$ 30,171,715</b>
<b>Equipment Leasing 1.0%</b>		
<b>BakerCorp International, Inc.</b>		
Term Loan, 5.00%, Maturing June 1, 2018	420	\$ 423,010
<b>Delos Aircraft Inc.</b>		
Term Loan, 4.75%, Maturing April 12, 2016	650	658,125
<b>Flying Fortress Inc.</b>		
Term Loan, 5.00%, Maturing June 30, 2017	1,700	1,712,750
		<b>\$ 2,793,885</b>
<b>Financial Intermediaries 6.0%</b>		
<b>American Capital Holdings, Inc.</b>		
Term Loan, 5.50%, Maturing August 22, 2016	425	\$ 432,438
<b>Asset Acceptance Capital Corp.</b>		
Term Loan, 8.75%, Maturing November 14, 2017	618	624,431
<b>CB Richard Ellis Services, Inc.</b>		
Term Loan, 3.46%, Maturing March 5, 2018	342	343,218
Term Loan, 3.71%, Maturing September 4, 2019	323	323,747
<b>Citco Funding LLC</b>		
Term Loan, 5.50%, Maturing June 29, 2018	1,332	1,347,212
<b>Clipper Acquisitions Corp.</b>		
Term Loan, Maturing December 20, 2019 <sup>(4)</sup>	275	275,688
<b>First Data Corporation</b>		
Term Loan, 2.96%, Maturing September 24, 2014	11	10,868
Term Loan, 2.96%, Maturing September 24, 2014	44	44,090
Term Loan, 2.96%, Maturing September 24, 2014	44	44,418
Term Loan, 4.21%, Maturing March 23, 2018	1,020	973,457
Term Loan, 5.21%, Maturing September 24, 2018	625	614,453
<b>Grosvenor Capital Management Holdings, LLP</b>		
Term Loan, 4.25%, Maturing December 5, 2016	1,069	1,051,648
<b>Hamilton Lane Advisors, LLC</b>		
Term Loan, 6.50%, Maturing February 23, 2018	361	360,938
<b>Harbourvest Partners, LLC</b>		
Term Loan, 5.00%, Maturing November 21, 2017	475	478,562
<b>iPayment, Inc.</b>		
Term Loan, 5.75%, Maturing May 8, 2017	959	955,308

## Eaton Vance

## Senior Income Trust

December 31, 2012

Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
<b>Financial Intermediaries (continued)</b>		
<b>LPL Holdings, Inc.</b>		
Term Loan, 2.71%, Maturing March 29, 2017	385	\$ 385,161
Term Loan, 4.00%, Maturing March 29, 2019	1,538	1,549,913
<b>Mercury Payment Systems Canada, LLC</b>		
Term Loan, 5.50%, Maturing July 3, 2017	320	323,730
<b>Nuveen Investments, Inc.</b>		
Term Loan, 5.81%, Maturing May 12, 2017	1,412	1,422,160
Term Loan, 5.81%, Maturing May 13, 2017	1,534	1,541,497
Term Loan, 7.25%, Maturing May 13, 2017	225	226,350
<b>Oz Management LP</b>		
Term Loan, 1.71%, Maturing November 15, 2016	670	605,007
<b>RJO Holdings Corp.</b>		
Term Loan, 6.22%, Maturing December 10, 2015 <sup>(5)</sup>	4	3,038
Term Loan, 6.97%, Maturing December 10, 2015 <sup>(5)</sup>	117	88,800
<b>RPI Finance Trust</b>		
Term Loan, 3.50%, Maturing May 9, 2018	1,742	1,759,048
<b>Vantiv, LLC</b>		
Term Loan, 3.75%, Maturing March 27, 2019	248	248,590
<b>Walter Investment Management Corp.</b>		
Term Loan, 5.75%, Maturing November 28, 2017	222	223,437
		<b>\$ 16,257,207</b>
<b>Food Products 5.8%</b>		
<b>Advance Pierre Foods</b>		
Term Loan, 5.75%, Maturing July 10, 2017	650	\$ 658,531
<b>Blue Buffalo Company, Ltd.</b>		
Term Loan, 6.50%, Maturing August 8, 2019	648	654,859
<b>Clearwater Seafoods Limited Partnership</b>		
Term Loan, 6.75%, Maturing June 6, 2018	522	524,661
<b>Del Monte Foods Company</b>		
Term Loan, 4.50%, Maturing March 8, 2018	3,214	3,225,631
<b>Dole Food Company Inc.</b>		
Term Loan, 5.03%, Maturing July 6, 2018	1,174	1,178,490
<b>Hearthside Food Solutions, LLC</b>		
Term Loan, 6.50%, Maturing June 7, 2018	599	597,004
<b>High Liner Foods Incorporated</b>		
Term Loan, 7.00%, Maturing December 19, 2017	322	323,962
<b>JBS USA Holdings Inc.</b>		
Term Loan, 4.25%, Maturing May 25, 2018	987	987,475
<b>Michael Foods Group, Inc.</b>		

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

Term Loan, 4.25%, Maturing February 23, 2018		782	787,871
<b>NBTY, Inc.</b>			
Term Loan, 4.25%, Maturing October 2, 2017		2,883	2,914,850
		<b>Principal Amount*</b>	
<b>Borrower/Tranche Description</b>		<b>(000 s omitted)</b>	<b>Value</b>
<b>Food Products (continued)</b>			
<b>Pinnacle Foods Finance LLC</b>			
Term Loan, 4.75%, Maturing October 17, 2018		1,692	\$ 1,710,529
<b>Solvest Ltd.</b>			
Term Loan, 5.02%, Maturing July 6, 2018		2,101	2,108,881
			<b>\$ 15,672,744</b>
<b>Food Service 5.5%</b>			
<b>Aramark Corporation</b>			
Term Loan, 3.46%, Maturing July 26, 2016		2,386	\$ 2,400,124
Term Loan, 3.53%, Maturing July 26, 2016		1,081	1,087,746
Term Loan, 3.56%, Maturing July 26, 2016		88	88,690
Term Loan, 3.56%, Maturing July 26, 2016		157	157,844
Term Loan, 3.89%, Maturing July 26, 2016	GBP	475	761,969
<b>Brasa Holdings, Inc.</b>			
Term Loan, 7.50%, Maturing July 19, 2019		200	201,495
<b>Buffets, Inc.</b>			
Term Loan, 0.24%, Maturing April 22, 2015 <sup>(5)</sup>		54	54,189
<b>Burger King Corporation</b>			
Term Loan, 3.75%, Maturing September 27, 2019		1,122	1,131,305
<b>DineEquity, Inc.</b>			
Term Loan, 4.25%, Maturing October 19, 2017		1,200	1,212,475
<b>Dunkin Brands, Inc.</b>			
Term Loan, 4.00%, Maturing November 23, 2017		1,334	1,345,135
<b>Landry s, Inc.</b>			
Term Loan, 6.50%, Maturing April 24, 2018		670	678,312
<b>NPC International, Inc.</b>			
Term Loan, 4.50%, Maturing December 1, 2018		344	347,019
<b>OSI Restaurant Partners, LLC</b>			
Term Loan, 4.80%, Maturing October 24, 2019		1,350	1,365,047
<b>P.F. Chang s China Bistro Inc.</b>			
Term Loan, 5.25%, Maturing July 2, 2019		200	201,744
<b>US Foods, Inc.</b>			
Term Loan, 5.75%, Maturing March 31, 2017		2,231	2,243,058
<b>Weight Watchers International, Inc.</b>			
Term Loan, 4.00%, Maturing March 15, 2019		670	675,588
<b>Wendy s International, Inc.</b>			
Term Loan, 4.75%, Maturing May 15, 2019		998	1,008,900
			<b>\$ 14,960,640</b>
<b>Food / Drug Retailers 5.4%</b>			
<b>Alliance Boots Holdings Limited</b>			
Term Loan, 3.49%, Maturing July 9, 2015	GBP	3,275	\$ 5,212,842
<b>General Nutrition Centers, Inc.</b>			
Term Loan, 3.75%, Maturing March 2, 2018		3,797	3,813,156

## Eaton Vance

## Senior Income Trust

December 31, 2012

Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
<b>Food / Drug Retailers (continued)</b>		
<b>Pantry, Inc. (The)</b>		
Term Loan, 5.75%, Maturing August 2, 2019	224	\$ 226,752
<b>Rite Aid Corporation</b>		
Term Loan, 1.97%, Maturing June 4, 2014	3,876	3,858,602
Term Loan, 4.50%, Maturing March 2, 2018	1,061	1,060,345
<b>Sprouts Farmers Markets Holdings, LLC</b>		
Term Loan, 6.00%, Maturing April 18, 2018	299	301,858
		<b>\$ 14,473,555</b>
<b>Health Care 16.7%</b>		
<b>Alere, Inc.</b>		
Term Loan, 4.75%, Maturing June 30, 2017	223	\$ 224,569
Term Loan, 4.75%, Maturing June 30, 2017	297	298,830
Term Loan, 4.75%, Maturing June 30, 2017	1,185	1,192,301
<b>Alliance Healthcare Services, Inc.</b>		
Term Loan, 7.25%, Maturing June 1, 2016	416	411,269
<b>Ardent Medical Services, Inc.</b>		
Term Loan, 7.25%, Maturing September 15, 2015	343	343,489
<b>AssuraMed Holding, Inc.</b>		
Term Loan, 5.50%, Maturing October 24, 2019	425	429,649
<b>Biomet Inc.</b>		
Term Loan, 4.01%, Maturing July 25, 2017	1,603	1,614,840
<b>Catalent Pharma Solutions Inc.</b>		
Term Loan, 4.21%, Maturing September 15, 2016	1,256	1,264,721
Term Loan, 5.25%, Maturing September 15, 2017	570	577,005
<b>CHG Buyer Corporation</b>		
Term Loan, 5.00%, Maturing November 22, 2019	324	324,997
<b>Community Health Systems, Inc.</b>		
Term Loan, 3.81%, Maturing January 25, 2017	3,182	3,205,264
<b>Convatec Inc.</b>		
Term Loan, 5.00%, Maturing December 22, 2016	589	597,633
<b>CRC Health Corporation</b>		
Term Loan, 4.71%, Maturing November 16, 2015	487	477,307
<b>DaVita, Inc.</b>		
Term Loan, 4.50%, Maturing October 20, 2016	1,470	1,482,127
Term Loan, 4.00%, Maturing November 1, 2019	1,575	1,589,432
<b>DJO Finance LLC</b>		
Term Loan, 5.21%, Maturing November 1, 2016	906	910,654
Term Loan, 6.25%, Maturing September 15, 2017	744	750,889
<b>Drumm Investors LLC</b>		

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

Term Loan, 5.00%, Maturing May 4, 2018	1,481	1,395,603
<b>Emdeon, Inc.</b>		
Term Loan, 5.00%, Maturing November 2, 2018	397	401,516
	<b>Principal Amount*</b>	
<b>Borrower/Tranche Description</b>	<b>(000 s omitted)</b>	<b>Value</b>
<b>Health Care (continued)</b>		
<b>Emergency Medical Services Corporation</b>		
Term Loan, 5.25%, Maturing May 25, 2018	1,586	\$ 1,599,669
<b>Grifols Inc.</b>		
Term Loan, 4.50%, Maturing June 1, 2017	1,451	1,466,749
<b>Hanger Orthopedic Group, Inc.</b>		
Term Loan, 4.00%, Maturing December 1, 2016	318	319,330
<b>HCA, Inc.</b>		
Term Loan, 3.56%, Maturing March 31, 2017	2,218	2,226,917
Term Loan, 3.46%, Maturing May 1, 2018	925	928,372
<b>Health Management Associates, Inc.</b>		
Term Loan, 4.50%, Maturing November 16, 2018	941	949,230
<b>Hologic Inc.</b>		
Term Loan, 4.50%, Maturing August 1, 2019	948	960,161
<b>Iasis Healthcare LLC</b>		
Term Loan, 5.00%, Maturing May 3, 2018	835	839,301
<b>inVentiv Health, Inc.</b>		
Term Loan, 6.50%, Maturing August 4, 2016	1,243	1,196,610
Term Loan, 6.75%, Maturing May 15, 2018	307	298,951
<b>Kindred Healthcare, Inc.</b>		
Term Loan, 5.25%, Maturing June 1, 2018	338	330,548
Term Loan, 6.00%, Maturing June 1, 2018	400	391,667
<b>Kinetic Concepts, Inc.</b>		
Term Loan, 5.50%, Maturing May 4, 2018	2,228	2,255,344
<b>LHP Hospital Group, Inc.</b>		
Term Loan, 9.00%, Maturing July 3, 2018	274	276,703
<b>MedAssets, Inc.</b>		
Term Loan, 4.00%, Maturing November 30, 2019	300	300,375
<b>Medpace, Inc.</b>		
Term Loan, 6.50%, Maturing June 16, 2017	392	376,308
<b>Multiplan, Inc.</b>		
Term Loan, 4.75%, Maturing August 26, 2017	1,058	1,065,433
<b>MX USA, Inc.</b>		
Term Loan, 6.50%, Maturing April 28, 2017	298	298,494
<b>One Call Medical, Inc.</b>		
Term Loan, 7.00%, Maturing August 16, 2019	450	452,250
<b>Onex Carestream Finance LP</b>		
Term Loan, 5.00%, Maturing February 25, 2017	761	760,546
<b>Pharmaceutical Product Development, Inc.</b>		
Term Loan, 6.25%, Maturing December 5, 2018	965	981,841
<b>Physiotherapy Associates Holdings, Inc.</b>		
Term Loan, 6.01%, Maturing April 30, 2018	149	149,716
<b>Radnet Management, Inc.</b>		
Term Loan, 5.50%, Maturing September 30, 2018	748	751,866



## Eaton Vance

## Senior Income Trust

December 31, 2012

## Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
<b>Health Care (continued)</b>		
<b>Sage Products, Inc.</b>		
Term Loan, 5.25%, Maturing December 17, 2019	300	\$ 302,625
<b>Select Medical Corporation</b>		
Term Loan, 5.50%, Maturing June 1, 2018	1,502	1,510,887
<b>Sheridan Holdings, Inc.</b>		
Term Loan, 6.00%, Maturing June 29, 2018	299	302,791
<b>TriZetto Group, Inc. (The)</b>		
Term Loan, 4.75%, Maturing May 2, 2018	739	736,718
<b>Truven Health Analytics Inc.</b>		
Term Loan, 5.75%, Maturing June 1, 2019	848	850,519
<b>Universal Health Services, Inc.</b>		
Term Loan, 3.75%, Maturing November 15, 2016	524	527,477
<b>Valeant Pharmaceuticals International, Inc.</b>		
Term Loan, 4.25%, Maturing February 13, 2019	897	902,850
Term Loan, 4.25%, Maturing December 11, 2019	1,025	1,033,200
<b>Vanguard Health Holding Company II, LLC</b>		
Term Loan, 5.00%, Maturing January 29, 2016	731	738,774
<b>VWR Funding, Inc.</b>		
Term Loan, 2.71%, Maturing June 30, 2014	729	729,824
Term Loan, 4.46%, Maturing April 3, 2017	729	732,708
		<b>\$ 45,036,849</b>
<b>Home Furnishings 0.9%</b>		
<b>Oreck Corporation</b>		
Term Loan - Second Lien, 3.81%, Maturing March 19, 2016 <sup>(5)</sup>	128	\$ 115,892
<b>Serta Simmons Holdings, LLC</b>		
Term Loan, 5.00%, Maturing October 1, 2019	850	852,420
<b>Sofia III S.a.r.l.</b>		
Term Loan, 2.61%, Maturing June 24, 2016	EUR 374	446,501
<b>Tempur-Pedic International Inc.</b>		
Term Loan, Maturing December 12, 2019 <sup>(4)</sup>	925	937,911
		<b>\$ 2,352,724</b>
<b>Industrial Equipment 1.8%</b>		
<b>Alliance Laundry Systems LLC</b>		
Term Loan, 5.50%, Maturing December 10, 2018	175	\$ 176,969
<b>Colfax Corporation</b>		
Term Loan, 4.50%, Maturing January 11, 2019	644	650,237

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

<b>Generac Power Systems, Inc.</b>		
Term Loan, 6.25%, Maturing May 30, 2018	773	793,033
<b>Grede LLC</b>		
Term Loan, 7.00%, Maturing April 3, 2017	508	510,540
	<b>Principal Amount*</b>	
<b>Borrower/Tranche Description</b>	<b>(000 s omitted)</b>	<b>Value</b>
<b>Industrial Equipment (continued)</b>		
<b>Husky Injection Molding Systems Ltd.</b>		
Term Loan, 5.75%, Maturing June 29, 2018	1,659	\$ 1,684,106
<b>Kion Group GMBH</b>		
Term Loan, 3.46%, Maturing December 23, 2014 <sup>(3)</sup>	121	120,306
Term Loan, 3.96%, Maturing December 23, 2015 <sup>(3)</sup>	257	255,753
<b>Manitowoc Company, Inc. (The)</b>		
Term Loan, 4.25%, Maturing November 13, 2017	71	71,495
<b>Tank Holding Corp.</b>		
Term Loan, 5.50%, Maturing July 9, 2019	488	491,830
		<b>\$ 4,754,269</b>
<b>Insurance 4.4%</b>		
<b>Alliant Holdings I, Inc.</b>		
Term Loan, 5.00%, Maturing December 20, 2019	1,000	\$ 1,002,800
<b>AmWINS Group, Inc.</b>		
Term Loan, 5.75%, Maturing June 6, 2019	498	500,609
Term Loan - Second Lien, 9.25%, Maturing December 6, 2019	1,650	1,670,625
<b>Applied Systems, Inc.</b>		
Term Loan, 5.50%, Maturing December 8, 2016	298	300,727
Term Loan, 5.50%, Maturing December 8, 2016	662	667,328
<b>Asurion LLC</b>		
Term Loan, 5.50%, Maturing May 24, 2018	4,084	4,130,725
Term Loan - Second Lien, 9.00%, Maturing May 24, 2019	379	391,298
<b>CCC Information Services, Inc.</b>		
Term Loan, Maturing December 25, 2019 <sup>(4)</sup>	150	150,813
<b>Compass Investors Inc.</b>		
Term Loan, 5.50%, Maturing December 27, 2019	1,075	1,074,104
<b>Cunningham Lindsey U.S. Inc.</b>		
Term Loan, 5.00%, Maturing October 29, 2019	350	353,500
<b>Hub International Limited</b>		
Term Loan, 4.71%, Maturing June 13, 2017	962	973,040
Term Loan, 6.75%, Maturing December 13, 2017	266	268,831
<b>Sedgwick CMS Holdings, Inc.</b>		
Term Loan, 5.00%, Maturing December 30, 2016	495	496,609
		<b>\$ 11,981,009</b>
<b>Leisure Goods / Activities / Movies 5.6%</b>		
<b>Alpha D2 Limited</b>		
Term Loan, 6.00%, Maturing April 30, 2019	1,017	\$ 1,033,857
<b>AMC Entertainment, Inc.</b>		
Term Loan, 4.25%, Maturing December 15, 2016	1,891	1,904,538
Term Loan, 4.75%, Maturing February 22, 2018	495	499,683

## Eaton Vance

## Senior Income Trust

December 31, 2012

## Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
<b>Leisure Goods / Activities / Movies (continued)</b>		
<b>Bombardier Recreational Products, Inc.</b>		
Term Loan, 4.51%, Maturing June 28, 2016	965	\$ 974,941
Term Loan, Maturing June 28, 2016 <sup>(4)</sup>	225	227,250
<b>Bright Horizons Family Solutions, Inc.</b>		
Term Loan, 4.22%, Maturing May 28, 2015	450	451,545
<b>Cedar Fair, L.P.</b>		
Term Loan, 4.00%, Maturing December 15, 2017	1,416	1,431,227
<b>ClubCorp Club Operations, Inc.</b>		
Term Loan, 5.00%, Maturing November 30, 2016	1,798	1,825,343
<b>Dave &amp; Buster s, Inc.</b>		
Term Loan, 5.50%, Maturing June 1, 2016	488	489,023
<b>Equinox Fitness Clubs</b>		
Term Loan, Maturing November 16, 2019 <sup>(4)</sup>	600	606,000
<b>Live Nation Entertainment, Inc.</b>		
Term Loan, 4.50%, Maturing November 7, 2016	1,292	1,300,565
<b>Revolution Studios Distribution Company, LLC</b>		
Term Loan, 3.97%, Maturing December 21, 2014 <sup>(5)</sup>	402	330,702
Term Loan - Second Lien, 7.22%, Maturing June 21, 2015 <sup>(5)</sup>	450	239,625
<b>SeaWorld Parks &amp; Entertainment, Inc.</b>		
Term Loan, 4.00%, Maturing August 17, 2017	1,117	1,127,315
<b>Six Flags Theme Parks, Inc.</b>		
Term Loan, 4.00%, Maturing December 20, 2018	728	732,348
<b>Town Sports International Inc.</b>		
Term Loan, 5.75%, Maturing May 11, 2018	880	890,550
<b>Zuffa LLC</b>		
Term Loan, 2.25%, Maturing June 19, 2015	475	470,917
Term Loan, 7.50%, Maturing June 19, 2015	496	501,152
		<b>\$ 15,036,581</b>
<b>Lodging and Casinos 2.6%</b>		
<b>Affinity Gaming, LLC</b>		
Term Loan, 5.50%, Maturing November 9, 2017	223	\$ 225,546
<b>Ameristar Casinos, Inc.</b>		
Term Loan, 4.00%, Maturing April 16, 2018	515	519,152
<b>Caesars Entertainment Operating Company</b>		
Term Loan, 9.50%, Maturing October 31, 2016	970	985,762
Term Loan, 5.46%, Maturing January 26, 2018	1,230	1,101,854
<b>Gala Group LTD</b>		
Term Loan, 5.50%, Maturing May 30, 2018	GBP 825	1,288,240
<b>Isle of Capri Casinos, Inc.</b>		

## Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSRS

Term Loan, 4.75%, Maturing March 24, 2017	467	473,202
<b>LodgeNet Entertainment Corporation</b>		
Term Loan, 8.50%, Maturing April 4, 2014	415	296,174
	<b>Principal Amount*</b>	
<b>Borrower/Tranche Description</b>	<b>(000 s omitted)</b>	<b>Value</b>
<i>Lodging and Casinos (continued)</i>		
<b>MGM Resorts International</b>		
Term Loan, 4.25%, Maturing December 20, 2019	1,300	\$ 1,315,844
<b>Penn National Gaming, Inc.</b>		
Term Loan, 3.75%, Maturing July 16, 2018	175	175,487
<b>Pinnacle Entertainment, Inc.</b>		
Term Loan, 4.00%, Maturing March 19, 2019	298	300,355
<b>Tropicana Entertainment Inc.</b>		
Term Loan, 7.50%, Maturing March 16, 2018	248	251,847
		<b>\$ 6,933,463</b>
<i>Nonferrous Metals / Minerals 2.4%</i>		
<b>Arch Coal Inc.</b>		
Term Loan, 5.75%, Maturing May 16, 2018	1,468	\$ 1,486,929
<b>Fairmount Minerals LTD</b>		
Term Loan, 5.25%, Maturing March 15, 2017	1,497	1,494,609
<b>Noranda Aluminum Acquisition Corporation</b>		
Term Loan, 5.75%, Maturing February 24, 2019	521	525,296
<b>Novelis, Inc.</b>		
Term Loan, 4.00%, Maturing March 10, 2017	321	324,067
Term Loan, 4.00%, Maturing March 10, 2017	1,348	1,360,641
<b>Oxbow Carbon and Mineral Holdings LLC</b>		
Term Loan, 3.71%, Maturing May 8, 2016	475	477,386
<b>United Distribution Group, Inc.</b>		
Term Loan, 7.50%, Maturing October 9, 2018	600	579,000
Term Loan - Second Lien, 12.50%, Maturing April 12, 2019	250	238,750
		<b>\$ 6,486,678</b>
<i>Oil and Gas 4.3%</i>		
<b>Citgo Petroleum Corporation</b>		
Term Loan, 8.00%, Maturing June 24, 2015	83	\$ 84,265
Term Loan, 9.00%, Maturing June 23, 2017	1,088	1,108,029
<b>Crestwood Holdings LLC</b>		
Term Loan, 9.75%, Maturing March 26, 2018	1,030	1,047,561
<b>Energy Transfer Equity, L.P.</b>		
Term Loan, 3.75%, Maturing March 24, 2017	1,325	1,337,318
<b>Frac Tech International LLC</b>		
Term Loan, 8.50%, Maturing May 6, 2016	914	762,624
<b>Gibson Energy ULC</b>		
Term Loan, 4.75%, Maturing June 15, 2018	1,166	1,180,947
<b>MEG Energy Corp.</b>		
Term Loan, 4.00%, Maturing March 16, 2018	617	623,456
<b>Obsidian Natural Gas Trust</b>		
Term Loan, 7.00%, Maturing November 2, 2015	1,255	1,261,384

## Eaton Vance

## Senior Income Trust

December 31, 2012

## Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
<b>Oil and Gas (continued)</b>		
<b>Plains Exploration &amp; Production</b>		
Term Loan, 4.00%, Maturing November 30, 2019	1,025	\$ 1,029,698
<b>Samson Investment Company</b>		
Term Loan - Second Lien, 6.00%, Maturing September 25, 2018	425	429,516
<b>Sheridan Production Partners I, LLC</b>		
Term Loan, 5.00%, Maturing September 14, 2019	1,028	1,041,358
Term Loan, 5.00%, Maturing September 25, 2019	83	84,284
Term Loan, 5.00%, Maturing September 25, 2019	136	137,988
<b>Tallgrass Operations, LLC</b>		
Term Loan, 5.25%, Maturing November 13, 2018	1,075	1,088,437
<b>Tervita Corporation</b>		
Term Loan, 6.50%, Maturing November 14, 2014	273	273,165
		<b>\$ 11,490,030</b>
<b>Publishing 5.6%</b>		
<b>Ascend Learning, Inc.</b>		
Term Loan, 6.50%, Maturing May 23, 2017	1,714	\$ 1,719,870
<b>Aster Zweite Beteiligungs GmbH</b>		
Term Loan, 5.95%, Maturing December 31, 2014	EUR 214	277,040
Term Loan, 5.95%, Maturing December 31, 2014	EUR 240	309,654
Term Loan, 5.97%, Maturing December 31, 2014	548	538,109
Term Loan, 5.97%, Maturing December 31, 2014	561	550,353
<b>GateHouse Media Operating, Inc.</b>		
Term Loan, 2.22%, Maturing August 28, 2014	319	118,812
Term Loan, 2.22%, Maturing August 28, 2014	712	265,042
Term Loan, 2.47%, Maturing August 28, 2014	344	127,951
<b>Getty Images, Inc.</b>		
Term Loan, 4.75%, Maturing October 18, 2019	2,450	2,456,507
<b>Instant Web, Inc.</b>		
Term Loan, 3.59%, Maturing August 7, 2014	83	64,388
Term Loan, 3.59%, Maturing August 7, 2014	792	617,674
<b>Interactive Data Corporation</b>		
Term Loan, 4.50%, Maturing February 12, 2018	1,581	1,591,301
<b>John Henry Holdings, Inc.</b>		
Term Loan, 6.00%, Maturing December 4, 2018	300	302,625
<b>Laureate Education, Inc.</b>		
Term Loan, 5.25%, Maturing June 18, 2018	3,051	3,037,234
<b>MediaNews Group</b>		
Term Loan, 8.50%, Maturing March 19, 2014	42	40,637
<b>Nelson Education Ltd.</b>		

## Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSRS

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
Term Loan, 2.81%, Maturing July 3, 2014	231	183,727
<b>Publishing (continued)</b>		
<b>Nielsen Finance LLC</b>		
Term Loan, 3.46%, Maturing May 2, 2016	982	\$ 989,034
Term Loan, 3.96%, Maturing May 2, 2016	965	971,513
<b>Tribune Company</b>		
Term Loan, Maturing December 17, 2019 <sup>(4)</sup>	850	850,106
		<b>\$ 15,011,577</b>
<b>Radio and Television 3.6%</b>		
<b>Clear Channel Communications, Inc.</b>		
Term Loan, 3.86%, Maturing January 29, 2016	758	\$ 630,309
<b>Cumulus Media Holdings Inc.</b>		
Term Loan, 4.50%, Maturing September 17, 2018	2,597	2,606,437
Term Loan - Second Lien, 7.50%, Maturing September 16, 2019	445	459,462
<b>Entercom Radio, LLC</b>		
Term Loan, 5.00%, Maturing November 23, 2018	255	257,859
<b>Foxco Acquisition Sub, LLC</b>		
Term Loan, 5.50%, Maturing July 14, 2017	698	709,015
<b>Gray Television, Inc.</b>		
Term Loan, 4.75%, Maturing October 15, 2019	241	242,648
<b>LIN Television Corp.</b>		
Term Loan, 4.00%, Maturing December 21, 2018	297	299,217
<b>Mission Broadcasting, Inc.</b>		
Term Loan, 2.91%, Maturing December 3, 2019 <sup>(6)</sup>	208	210,600
<b>Nexstar Broadcasting, Inc.</b>		
Term Loan, 4.50%, Maturing December 3, 2019	492	498,150
<b>Raycom TV Broadcasting, Inc.</b>		
Term Loan, 4.25%, Maturing May 31, 2017	443	442,696
<b>Sinclair Television Group Inc.</b>		
Term Loan, 4.00%, Maturing October 28, 2016	377	379,920
<b>Tyrol Acquisitions 2 SAS</b>		
Term Loan, 4.11%, Maturing January 29, 2016	EUR 505	608,033
Term Loan, 4.11%, Maturing January 29, 2016	EUR 505	608,034
<b>Univision Communications Inc.</b>		
Term Loan, 4.46%, Maturing March 31, 2017	1,651	1,627,542
		<b>\$ 9,579,922</b>
<b>Retailers (Except Food and Drug) 6.0%</b>		
<b>99 Cents Only Stores</b>		
Term Loan, 5.25%, Maturing January 11, 2019	248	\$ 250,642
<b>Bass Pro Group, LLC</b>		
Term Loan, 4.00%, Maturing November 30, 2019	700	701,458
<b>David s Bridal, Inc.</b>		
Term Loan, 5.00%, Maturing October 11, 2019	325	326,286

## Eaton Vance

## Senior Income Trust

December 31, 2012

## Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
<b>Retailers (Except Food and Drug) (continued)</b>		
<b>Evergreen Acqco 1 LP</b>		
Term Loan, 5.00%, Maturing July 9, 2019	348	\$ 350,102
<b>FTD, Inc.</b>		
Term Loan, 4.75%, Maturing June 11, 2018	603	609,461
<b>Harbor Freight Tools USA, Inc.</b>		
Term Loan, 5.50%, Maturing November 14, 2017	499	504,569
<b>J Crew Group, Inc.</b>		
Term Loan, 4.50%, Maturing March 7, 2018	862	866,603
<b>Jo-Ann Stores, Inc.</b>		
Term Loan, 4.75%, Maturing March 16, 2018	1,375	1,382,932
<b>Michaels Stores, Inc.</b>		
Term Loan, 4.81%, Maturing July 29, 2016	1,574	1,590,100
<b>National Vision, Inc.</b>		
Term Loan, 7.00%, Maturing August 2, 2018	397	402,955
<b>Neiman Marcus Group, Inc. (The)</b>		
Term Loan, 4.75%, Maturing May 16, 2018	2,525	2,533,065
<b>Ollie s Bargain Outlet, Inc.</b>		
Term Loan, 6.25%, Maturing September 27, 2019	249	251,401
<b>Pep Boys-Manny, Moe &amp; Jack (The)</b>		
Term Loan, 5.00%, Maturing October 11, 2018	225	226,875
<b>Petco Animal Supplies, Inc.</b>		
Term Loan, 4.50%, Maturing November 24, 2017	1,602	1,616,277
<b>Pilot Travel Centers LLC</b>		
Term Loan, 3.75%, Maturing March 30, 2018	896	902,152
Term Loan, 4.25%, Maturing August 7, 2019	299	301,931
<b>ServiceMaster Company</b>		
Term Loan, 4.46%, Maturing January 31, 2017	1,470	1,475,432
<b>Visant Holding Corp.</b>		
Term Loan, 5.25%, Maturing December 22, 2016	647	587,768
<b>Vivarte SA</b>		
Term Loan - Second Lien, 3.92%, Maturing September 8, 2016	EUR 13	11,550
Term Loan - Second Lien, 3.92%, Maturing September 8, 2016	EUR 88	80,847
Term Loan - Second Lien, 3.92%, Maturing September 8, 2016	EUR 900	831,569
<b>Wilton Brands LLC</b>		
Term Loan, 7.50%, Maturing August 30, 2018	321	324,147
		<b>\$ 16,128,122</b>
<b>Steel 2.1%</b>		
<b>Essar Steel Algoma, Inc.</b>		
Term Loan, 8.75%, Maturing September 19, 2014	524	\$ 522,378

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

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
<b>Firth Rixson PLC</b> Term Loan, 5.50%, Maturing June 30, 2017	150	151,313
<b>Steel (continued)</b>		
<b>FMG America Finance, Inc.</b> Term Loan, 5.25%, Maturing October 18, 2017	2,993	\$ 3,022,658
<b>JMC Steel Group, Inc.</b> Term Loan, 4.75%, Maturing April 3, 2017	344	348,179
<b>Patriot Coal Corporation</b> Term Loan, 9.25%, Maturing October 4, 2013	425	428,187
<b>SunCoke Energy, Inc.</b> Term Loan, 4.00%, Maturing July 26, 2018	493	493,733
<b>Waupaca Foundry, Inc.</b> Term Loan, 5.75%, Maturing June 29, 2017	317	321,680
<b>WireCo WorldGroup, Inc.</b> Term Loan, 6.00%, Maturing February 15, 2017	324	329,050
		<b>\$ 5,617,178</b>
<b>Surface Transport 1.3%</b>		
<b>Hertz Corporation (The)</b> Term Loan, 3.75%, Maturing March 9, 2018	1,769	\$ 1,769,743
Term Loan, 3.75%, Maturing March 11, 2018	925	927,602
<b>Swift Transportation Co. Inc.</b> Term Loan, 5.00%, Maturing December 21, 2017	856	865,803
		<b>\$ 3,563,148</b>
<b>Telecommunications 6.1%</b>		
<b>Alaska Communications Systems Holdings, Inc.</b> Term Loan, 5.50%, Maturing October 21, 2016	457	\$ 434,158
<b>Cellular South, Inc.</b> Term Loan, 4.50%, Maturing July 27, 2017	419	421,765
<b>Cricket Communications, Inc.</b> Term Loan, 4.75%, Maturing October 10, 2019	250	252,031
<b>Crown Castle International Corporation</b> Term Loan, 4.00%, Maturing January 31, 2019	941	947,083
<b>Intelsat Jackson Holdings Ltd.</b> Term Loan, 4.50%, Maturing April 2, 2018	5,135	5,182,684
<b>Macquarie UK Broadcast Limited</b> Term Loan, 3.00%, Maturing December 1, 2014	GBP 414	648,103
<b>MetroPCS Wireless, Inc.</b> Term Loan, 4.00%, Maturing March 16, 2018	3,019	3,031,204
<b>SBA Finance</b> Term Loan, 3.75%, Maturing June 29, 2018	468	469,630
Term Loan, 3.75%, Maturing September 27, 2019	225	226,406
<b>Syniverse Holdings, Inc.</b> Term Loan, 5.00%, Maturing April 23, 2019	945	953,521
<b>Telesat LLC</b> Term Loan, 4.25%, Maturing March 28, 2019	3,433	3,462,787



## Eaton Vance

## Senior Income Trust

December 31, 2012

## Portfolio of Investments (Unaudited) continued

Borrower/Tranche Description	Principal Amount* (000 s omitted)	Value
<b>Telecommunications (continued)</b>		
<b>Windstream Corporation</b>		
Term Loan, 4.00%, Maturing August 8, 2019	473	\$ 476,760
		<b>\$ 16,506,132</b>
<b>Utilities 3.9%</b>		
<b>AES Corporation</b>		
Term Loan, 4.25%, Maturing June 1, 2018	999	\$ 1,010,806
<b>Calpine Corporation</b>		
Term Loan, 4.50%, Maturing April 2, 2018	468	473,139
Term Loan, 4.50%, Maturing April 2, 2018	2,383	2,410,043
Term Loan, 4.50%, Maturing October 9, 2019	424	428,658
<b>Dynegy Midwest Generation LLC</b>		
Term Loan, 9.25%, Maturing August 4, 2016	216	224,866
<b>Dynegy Power, LLC</b>		
Term Loan, 9.25%, Maturing August 4, 2016	361	378,794
<b>Invenergy LLC</b>		
Term Loan, 9.00%, Maturing November 21, 2017	362	369,722
<b>LSP Madison Funding, LLC</b>		
Term Loan, 5.50%, Maturing June 28, 2019	547	555,711
<b>NRG Energy, Inc.</b>		
Term Loan, 4.00%, Maturing July 2, 2018	2,711	2,744,055
<b>Raven Power Finance, LLC</b>		
Term Loan, 7.25%, Maturing November 15, 2018	250	250,000
<b>Texas Competitive Electric Holdings Company, LLC</b>		
Term Loan, 4.75%, Maturing October 10, 2017	2,601	1,751,461
		<b>\$ 10,597,255</b>
<b>Total Senior Floating-Rate Interests</b> (identified cost \$382,494,009)		
		<b>\$ 384,287,361</b>

Corporate Bonds &amp; Notes 9.9%

Security	Principal Amount* (000 s omitted)	Value
----------	---	-------

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

Automotive 0.1%

<b>American Axle &amp; Manufacturing, Inc., Sr. Notes</b> 9.25%, 1/15/17 <sup>(7)</sup>	68	\$	75,820
<b>General Motors Financial Co., Inc., Sr. Notes</b> 4.75%, 8/15/17 <sup>(7)</sup>	40		42,089
<b>Navistar International Corp., Sr. Notes</b> 8.25%, 11/1/21	25		24,250
		\$	<b>142,159</b>

Security

Principal  
Amount\*  
(000 s omitted) Value

Beverage and Tobacco 0.0%

<b>Constellation Brands, Inc., Sr. Notes</b> 6.00%, 5/1/22	35	\$	40,250
4.625%, 3/1/23	40		42,000
<b>Innovation Ventures LLC/Innovation Ventures Finance Corp., Sr. Notes</b> 9.50%, 8/15/19 <sup>(7)</sup>	25		23,625
		\$	<b>105,875</b>

Brokers, Dealers and Investment Houses 0.0%

<b>Alliance Data Systems Corp., Sr. Notes</b> 6.375%, 4/1/20 <sup>(7)</sup>	30	\$	32,100
<b>E*TRADE Financial Corp., Sr. Notes</b> 6.00%, 11/15/17	5		5,138
6.375%, 11/15/19	25		25,750
		\$	<b>62,988</b>

Building and Development 0.1%

<b>Brookfield Residential Properties, Inc., Sr. Notes</b> 6.50%, 12/15/20 <sup>(7)</sup>	25	\$	25,750
<b>HD Supply, Inc., Sr. Notes</b> 8.125%, 4/15/19 <sup>(7)</sup>	20		22,850
<b>Isabelle Acquisition Sub, Inc., Sr. Notes</b> 10.00%, 11/15/18 <sup>(3)(7)</sup>	65		70,850
<b>Nortek, Inc., Sr. Notes</b> 10.00%, 12/1/18	45		50,288
8.50%, 4/15/21	15		16,725
8.50%, 4/15/21 <sup>(7)</sup>	55		61,187
		\$	<b>247,650</b>

Business Equipment and Services 0.3%

<b>Education Management, LLC, Sr. Notes</b> 8.75%, 6/1/14	150	\$	121,125
<b>FTI Consulting, Inc., Sr. Notes</b> 6.00%, 11/15/22 <sup>(7)</sup>	20		20,800
<b>HDTFS, Inc., Sr. Notes</b> 6.25%, 10/15/22 <sup>(7)</sup>	25		26,750
<b>IMS Health, Inc., Sr. Notes</b> 6.00%, 11/1/20 <sup>(7)</sup>	40		42,000
<b>National CineMedia, LLC, Sr. Notes</b> 6.00%, 4/15/22	380		404,700
<b>TransUnion Holding Co., Inc., Sr. Notes</b> 8.125%, 6/15/18 <sup>(3)(7)</sup>	55		57,062
		\$	<b>672,437</b>



## Eaton Vance

## Senior Income Trust

December 31, 2012

Portfolio of Investments (Unaudited) continued

Security	Principal Amount* (000 s omitted)	Value
<b>Cable and Satellite Television 0.1%</b>		
<b>AMC Networks, Inc., Sr. Notes</b> 4.75%, 12/15/22	15	\$ 15,150
<b>CCO Holdings, LLC/CCO Capital Corp., Sr. Notes</b> 5.25%, 9/30/22	100	101,750
<b>Cequel Communications Escrow I, LLC/Cequel Communications Escrow Capital Corp., Sr. Notes</b> 6.375%, 9/15/20 <sup>(7)</sup>	65	68,006
		<b>\$ 184,906</b>
<b>Chemicals and Plastics 1.1%</b>		
<b>Ashland, Inc., Sr. Notes</b> 4.75%, 8/15/22 <sup>(7)</sup>	20	\$ 20,900
<b>Celanese US Holdings, LLC, Sr. Notes</b> 4.625%, 11/15/22	25	26,312
<b>Hexion US Finance Corp., Sr. Notes</b> 6.625%, 4/15/20	1,000	1,022,500
<b>Ineos Finance PLC, Sr. Notes</b> 7.25%, 2/15/19 <sup>(7)</sup>	EUR 500	689,014
8.375%, 2/15/19 <sup>(7)</sup>	500	540,625
7.50%, 5/1/20 <sup>(7)</sup>	400	421,000
<b>LyondellBasell Industries N.V., Sr. Notes</b> 5.00%, 4/15/19	200	222,000
<b>Rockwood Specialties Group, Inc., Sr. Notes</b> 4.625%, 10/15/20	65	67,519
<b>Sawgrass Merger Sub, Inc., Sr. Notes</b> 8.75%, 12/15/20 <sup>(7)</sup>	15	15,188
<b>Tronox Finance, LLC, Sr. Notes</b> 6.375%, 8/15/20 <sup>(7)</sup>	55	55,756
		<b>\$ 3,080,814</b>
<b>Clothing / Textiles 0.0%</b>		
<b>Wolverine World Wide, Inc., Sr. Notes</b> 6.125%, 10/15/20 <sup>(7)</sup>	20	\$ 21,100
		<b>\$ 21,100</b>
<b>Conglomerates 0.1%</b>		

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

<b>Belden, Inc., Sr. Sub. Notes</b>			
5.50%, 9/1/22 <sup>(7)</sup>	25	\$	25,813
<b>General Cable Corp., Sr. Notes</b>			
5.75%, 10/1/22 <sup>(7)</sup>	40		41,600
<b>Harbinger Group, Inc., Sr. Notes</b>			
7.875%, 7/15/19 <sup>(7)</sup>	15		14,944
		<b>Principal</b>	
		<b>Amount*</b>	
<b>Security</b>		<b>(000 s omitted)</b>	<b>Value</b>
<b>Conglomerates (continued)</b>			
<b>Spectrum Brands Escrow Corp., Sr. Notes</b>			
6.375%, 11/15/20 <sup>(7)</sup>	25	\$	26,312
6.625%, 11/15/22 <sup>(7)</sup>	40		43,000
			<b>\$ 151,669</b>
<b>Containers and Glass Products 1.0%</b>			
<b>Berry Plastics Corp., Sr. Notes</b>			
5.09%, 2/15/15 <sup>(8)</sup>	500	\$	502,000
<b>BOE Merger Corp., Sr. Notes</b>			
9.50%, 11/1/17 <sup>(3)(7)</sup>	35		35,175
<b>Reynolds Group Holdings, Inc., Sr. Notes</b>			
5.75%, 10/15/20 <sup>(7)</sup>	1,975		2,044,125
<b>Sealed Air Corp., Sr. Notes</b>			
6.50%, 12/1/20 <sup>(7)</sup>	15		16,275
8.375%, 9/15/21 <sup>(7)</sup>	5		5,737
			<b>\$ 2,603,312</b>
<b>Cosmetics / Toiletries 0.1%</b>			
<b>Alphabet Holding Co., Inc., Sr. Notes</b>			
7.75%, 11/1/17 <sup>(3)(7)</sup>	65	\$	67,113
<b>Party City Holdings, Inc., Sr. Notes</b>			
8.875%, 8/1/20 <sup>(7)</sup>	65		70,038
<b>Revlon Consumer Products Corp.</b>			
9.75%, 11/15/15	165		174,487
			<b>\$ 311,638</b>
<b>Drugs 0.0%</b>			
<b>VPI Escrow Corp., Sr. Notes</b>			
6.375%, 10/15/20 <sup>(7)</sup>	65	\$	70,038
			<b>\$ 70,038</b>
<b>Ecological Services and Equipment 0.0%</b>			
<b>ADS Waste Holdings, Inc., Sr. Notes</b>			
8.25%, 10/1/20 <sup>(7)</sup>	25	\$	26,375
<b>Clean Harbors, Inc., Sr. Notes</b>			
5.25%, 8/1/20	25		26,188
5.125%, 6/1/21 <sup>(7)</sup>	30		31,200
			<b>\$ 83,763</b>
<b>Electronics / Electrical 0.1%</b>			
<b>Infor US, Inc., Sr. Notes</b>			
9.375%, 4/1/19	35	\$	39,462



## Eaton Vance

## Senior Income Trust

December 31, 2012

Portfolio of Investments (Unaudited) continued

Security	Principal Amount* (000 s omitted)	Value
<b>Electronics / Electrical (continued)</b>		
<b>NCR Corp., Sr. Notes</b> 5.00%, 7/15/22 <sup>(7)</sup>	30	\$ 30,638
<b>Nuance Communications, Inc., Sr. Notes</b> 5.375%, 8/15/20 <sup>(7)</sup>	60	63,000
		<b>\$ 133,100</b>
<b>Equipment Leasing 0.6%</b>		
<b>Air Lease Corp., Sr. Notes</b> 4.50%, 1/15/16 <sup>(7)</sup>	135	\$ 137,025
<b>International Lease Finance Corp., Sr. Notes</b> 5.65%, 6/1/14	1,000	1,045,620
6.75%, 9/1/16 <sup>(7)</sup>	175	197,312
7.125%, 9/1/18 <sup>(7)</sup>	175	203,875
		<b>\$ 1,583,832</b>
<b>Financial Intermediaries 0.6%</b>		
<b>Ally Financial, Inc., Sr. Notes</b> 2.511%, 12/1/14 <sup>(8)</sup>	20	\$ 20,032
0.00%, 6/15/15	40	36,308
4.625%, 6/26/15	275	286,849
<b>CIT Group, Inc., Sr. Notes</b> 5.50%, 2/15/19 <sup>(7)</sup>	25	27,375
5.375%, 5/15/20	5	5,487
5.00%, 8/15/22	10	10,702
<b>First Data Corp., Sr. Notes</b> 7.375%, 6/15/19 <sup>(7)</sup>	500	520,000
6.75%, 11/1/20 <sup>(7)</sup>	625	634,375
<b>Lender Processing Services, Inc., Sr. Notes</b> 5.75%, 4/15/23	40	41,700
<b>Nuveen Investments, Inc., Sr. Notes</b> 9.50%, 10/15/20 <sup>(7)</sup>	70	70,000
		<b>\$ 1,652,828</b>

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

Food Products 0.0%

<b>Land O Lakes, Inc., Sr. Notes</b> 6.00%, 11/15/22 <sup>(7)</sup>	25	\$	27,125
<b>Michael Foods Holding, Inc., Sr. Notes</b> 8.50%, 7/15/18 <sup>(3)(7)</sup>	20		20,450
<b>Smithfield Foods, Inc., Sr. Notes</b> 6.625%, 8/15/22	55		60,913
			<b>\$ 108,488</b>

Security

Principal  
Amount\*  
(000 s omitted)      Value

Food Service 0.0%

<b>Ruby Tuesday, Inc., Sr. Notes</b> 7.625%, 5/15/20 <sup>(7)</sup>	20	\$	19,200
			<b>\$ 19,200</b>

Food / Drug Retailers 0.0%

<b>Pantry, Inc., Sr. Notes</b> 8.375%, 8/1/20 <sup>(7)</sup>	40	\$	42,000
			<b>\$ 42,000</b>

Health Care 0.9%

<b>Amsurg Corp., Sr. Notes</b> 5.625%, 11/30/20 <sup>(7)</sup>	15	\$	15,675
<b>Biomet, Inc., Sr. Notes</b> 6.50%, 8/1/20 <sup>(7)</sup>	55		58,644
<b>CDRT Holding Corp., Sr. Notes</b> 9.25%, 10/1/17 <sup>(3)(7)</sup>	40		41,000
<b>Community Health Systems, Inc., Sr. Notes</b> 5.125%, 8/15/18	1,115		1,165,175
7.125%, 7/15/20	65		69,469
<b>DaVita, Inc., Sr. Notes</b> 5.75%, 8/15/22	110		116,462
<b>DJO Finance, LLC/DJO Finance Corp., Sr. Notes</b> 8.75%, 3/15/18 <sup>(7)</sup>	10		10,975
<b>HCA Holdings, Inc., Sr. Notes</b> 6.25%, 2/15/21	40		41,100
<b>Hologic, Inc., Sr. Notes</b> 6.25%, 8/1/20 <sup>(7)</sup>	130		140,725
<b>INC Research, LLC., Sr. Notes</b> 11.50%, 7/15/19 <sup>(7)</sup>	25		26,000
<b>inVentiv Health, Inc., Sr. Notes</b> 9.00%, 1/15/18 <sup>(7)</sup>	625		632,812
<b>Kinetic Concepts, Inc./KCI USA, Inc.</b> 10.50%, 11/1/18 <sup>(7)</sup>	25		26,344
<b>United Surgical Partners International, Inc., Sr. Notes</b> 9.00%, 4/1/20	35		39,025
<b>Valeant Pharmaceuticals International, Sr. Notes</b> 6.375%, 10/15/20 <sup>(7)</sup>	50		53,750
<b>VWR Funding, Inc., Sr. Notes</b> 7.25%, 9/15/17 <sup>(7)</sup>	95		100,225
			<b>\$ 2,537,381</b>



## Eaton Vance

## Senior Income Trust

December 31, 2012

## Portfolio of Investments (Unaudited) continued

Security	Principal Amount* (000 s omitted)	Value
<b>Home Furnishings 0.2%</b>		
<b>Libbey Glass, Inc., Sr. Notes</b> 6.875%, 5/15/20	370	\$ 399,600
<b>Mead Products, LLC/ACCO Brands Corp., Sr. Notes</b> 6.75%, 4/30/20 <sup>(7)</sup>	65	68,575
<b>Tempur-Pedic International, Inc., Sr. Notes</b> 6.875%, 12/15/20 <sup>(7)</sup>	15	15,506
		<b>\$ 483,681</b>
<b>Industrial Equipment 0.0%</b>		
<b>Manitowoc Co., Inc. (The), Sr. Notes</b> 5.875%, 10/15/22	35	\$ 35,088
		<b>\$ 35,088</b>
<b>Insurance 0.2%</b>		
<b>A-S Co.-Issuer Subsidiary, Inc./A-S Merger Sub, LLC, Sr. Notes</b> 7.875%, 12/15/20 <sup>(7)</sup>	20	\$ 20,100
<b>CNO Financial Group, Inc., Sr. Notes</b> 6.375%, 10/1/20 <sup>(7)</sup>	525	548,625
<b>Hub International, Ltd., Sr. Notes</b> 8.125%, 10/15/18 <sup>(7)</sup>	35	36,050
<b>Onex USI Acquisition Corp., Sr. Notes</b> 7.75%, 1/15/21 <sup>(7)</sup>	35	34,650
		<b>\$ 639,425</b>
<b>Leisure Goods / Activities / Movies 0.1%</b>		
<b>AMC Entertainment, Inc., Sr. Notes</b> 8.75%, 6/1/19	60	\$ 66,750
<b>Cinemark USA, Inc., Sr. Notes</b> 5.125%, 12/15/22 <sup>(7)</sup>	10	10,175
<b>Royal Caribbean Cruises, Sr. Notes</b> 7.00%, 6/15/13	50	51,500
6.875%, 12/1/13	20	20,975
7.25%, 6/15/16	10	11,350
7.25%, 3/15/18	20	22,700
<b>Seven Seas Cruises, S. de R.L., Sr. Notes</b>		

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

9.125%, 5/15/19	35	37,188
<b>Viking Cruises, Ltd., Sr. Notes</b>		
8.50%, 10/15/22 <sup>(7)</sup>	35	37,975
		<b>\$ 258,613</b>

Security	Principal Amount* (000 s omitted)	Value
----------	--------------------------------------	-------

Lodging and Casinos 0.7%

<b>Buffalo Thunder Development Authority, Sr. Notes</b>		
9.375%, 12/15/14 <sup>(7)(9)</sup>	265	\$ 95,400
<b>Caesars Entertainment Operating Co., Inc., Sr. Notes</b>		
5.375%, 12/15/13	10	9,800
8.50%, 2/15/20	1,075	1,070,297
<b>Caesars Operating Escrow, LLC/Caesars Escrow Corp., Sr. Notes</b>		
9.00%, 2/15/20 <sup>(7)</sup>	275	276,375
<b>Inn of the Mountain Gods Resort &amp; Casino, Sr. Notes</b>		
8.75%, 11/30/20 <sup>(7)</sup>	50	50,000
<b>MGM Resorts International, Sr. Notes</b>		
6.625%, 12/15/21	50	50,062
7.75%, 3/15/22	15	16,125
<b>Mohegan Tribal Gaming Authority</b>		
10.50%, 12/15/16 <sup>(7)</sup>	50	49,500
<b>Mohegan Tribal Gaming Authority, Sr. Sub. Notes</b>		
11.00%, 9/15/18 <sup>(7)</sup>	210	167,475
<b>Tunica-Biloxi Gaming Authority, Sr. Notes</b>		
9.00%, 11/15/15 <sup>(7)</sup>	165	148,500
<b>Waterford Gaming, LLC, Sr. Notes</b>		
8.625%, 9/15/14 <sup>(5)(7)</sup>	93	50,549
		<b>\$ 1,984,083</b>

Mining, Steel, Iron and Nonprecious Metals 0.1%

<b>Eldorado Gold Corp., Sr. Notes</b>		
6.125%, 12/15/20 <sup>(7)</sup>	60	\$ 61,350
<b>IAMGOLD Corp., Sr. Notes</b>		
6.75%, 10/1/20 <sup>(7)</sup>	70	68,425
<b>Inmet Mining Corp., Sr. Notes</b>		
7.50%, 6/1/21 <sup>(7)</sup>	20	20,850
		<b>\$ 150,625</b>

Nonferrous Metals / Minerals 0.1%

<b>FMG Resources (August 2006) Pty, Ltd., Sr. Notes</b>		
7.00%, 11/1/15 <sup>(7)</sup>	25	\$ 26,375
8.25%, 11/1/19 <sup>(7)</sup>	15	16,050
<b>Molycorp, Inc., Sr. Notes</b>		
10.00%, 6/1/20 <sup>(7)</sup>	50	46,750
<b>New Gold, Inc., Sr. Notes</b>		
7.00%, 4/15/20 <sup>(7)</sup>	20	21,450
6.25%, 11/15/22 <sup>(7)</sup>	35	36,400
<b>Penn Virginia Resource Partners, LP/Penn Virginia Resource Finance Corp. II, Sr. Notes</b>		
8.375%, 6/1/20 <sup>(7)</sup>	25	27,063
		<b>\$ 174,088</b>

## Eaton Vance

## Senior Income Trust

December 31, 2012

## Portfolio of Investments (Unaudited) continued

Security	Principal Amount* (000 s omitted)	Value
<b>Oil and Gas 0.5%</b>		
<b>Access Midstream Partners, LP/ACMP Finance Corp., Sr. Notes</b> 4.875%, 5/15/23	35	\$ 35,569
<b>Bristow Group, Inc., Sr. Notes</b> 6.25%, 10/15/22	45	48,319
<b>Chesapeake Energy Corp., Sr. Notes</b> 6.125%, 2/15/21	75	78,187
<b>Concho Resources, Inc., Sr. Notes</b> 5.50%, 4/1/23	45	47,363
<b>Continental Resources, Inc., Sr. Notes</b> 5.00%, 9/15/22	140	151,550
<b>CVR Refining, LLC/Coffeyville Finance, Inc., Sr. Notes</b> 6.50%, 11/1/22 <sup>(7)</sup>	65	65,000
<b>EP Energy, LLC/EP Energy Finance, Inc., Sr. Notes</b> 6.875%, 5/1/19	100	109,000
<b>EP Energy, LLC/EP Energy Finance, Inc., Sr. Notes</b> 9.375%, 5/1/20	70	79,275
<b>EP Energy, LLC/Everest Acquisition Finance, Inc., Sr. Notes</b> 7.75%, 9/1/22	20	21,300
<b>EPL Oil &amp; Gas, Inc., Sr. Notes</b> 8.25%, 2/15/18 <sup>(7)</sup>	40	41,300
<b>FTS International Services, LLC/FTS International Bonds, Inc., Sr. Notes</b> 8.125%, 11/15/18 <sup>(7)</sup>	15	15,563
<b>Inergy Midstream LP/NRGM Finance Corp., Sr. Notes</b> 6.00%, 12/15/20 <sup>(7)</sup>	10	10,350
<b>Laredo Petroleum, Inc., Sr. Notes</b> 7.375%, 5/1/22	35	38,150
<b>MEG Energy Corp., Sr. Notes</b> 6.375%, 1/30/23 <sup>(7)</sup>	50	52,375
<b>Newfield Exploration Co., Sr. Notes</b> 5.625%, 7/1/24	65	70,362
<b>Oasis Petroleum, Inc., Sr. Notes</b> 6.875%, 1/15/23	75	80,812
<b>Offshore Group Investment, Ltd., Sr. Notes</b> 7.50%, 11/1/19 <sup>(7)</sup>	20	20,300
<b>Plains Exploration &amp; Production Co., Sr. Notes</b> 6.875%, 2/15/23	105	120,487
<b>Sabine Pass LNG, LP, Sr. Notes</b> 6.50%, 11/1/20 <sup>(7)</sup>	55	56,238
<b>SM Energy Co., Sr. Notes</b> 6.50%, 1/1/23	40	43,000
<b>Tesoro Corp., Sr. Notes</b> 5.375%, 10/1/22	55	58,850
		<b>\$ 1,243,350</b>

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

Security	Principal Amount* (000 s omitted)	Value
<b>Publishing 0.2%</b>		
<b>McClatchy Co. (The), Sr. Notes</b> 9.00%, 12/15/22 <sup>(7)</sup>	30	\$ 30,787
<b>Laureate Education, Inc., Sr. Notes</b> 9.25%, 9/1/19 <sup>(7)</sup>	315	330,750
<b>Laureate Education, Inc., Sr. Sub Notes</b> 12.75%, 8/15/17 <sup>(7)</sup>	45	47,925
		<b>\$ 409,462</b>
<b>Radio and Television 0.6%</b>		
<b>Clear Channel Communications, Inc., Sr. Notes</b> 9.00%, 12/15/19 <sup>(7)</sup>	226	\$ 207,920
<b>Clear Channel Worldwide Holdings, Inc., Sr. Notes</b> 6.50%, Series A, 11/15/22 <sup>(7)</sup>	25	25,813
6.50%, Series B, 11/15/22 <sup>(7)</sup>	70	72,975
<b>Entravision Communications Corp., Sr. Notes</b> 8.75%, 8/1/17	844	919,960
<b>LBI Media, Inc., Sr. Notes</b> 13.50%, 4/15/20	6	4,125
<b>Starz, LLC/Starz Finance Corp., Sr. Notes</b> 5.00%, 9/15/19 <sup>(7)</sup>	35	36,050
<b>Univision Communications, Inc., Sr. Notes</b> 6.75%, 9/15/22 <sup>(7)</sup>	425	440,937
<b>WMG Acquisition Corp., Sr. Notes</b> 6.00%, 1/15/21 <sup>(7)</sup>	25	26,500
		<b>\$ 1,734,280</b>
<b>Rail Industries 0.0%</b>		
<b>American Railcar Industry, Sr. Notes</b> 7.50%, 3/1/14	64	\$ 64,800
		<b>\$ 64,800</b>
<b>Retailers (Except Food and Drug) 0.2%</b>		
<b>Claire's Stores, Inc., Sr. Notes</b> 9.00%, 3/15/19 <sup>(7)</sup>	65	\$ 70,037
<b>Michaels Stores, Inc., Sr. Notes</b> 7.75%, 11/1/18 <sup>(7)</sup>	25	27,563
7.75%, 11/1/18	50	55,125
<b>New Academy Finance Co., LLC/New Academy Finance Corp., Sr. Notes</b> 8.00%, 6/15/18 <sup>(3)(7)</sup>	50	50,875
<b>PETCO Holdings, Inc., Sr. Notes</b> 8.50%, 10/15/17 <sup>(3)(7)</sup>	110	113,575
<b>PVH Corp., Sr. Notes</b> 4.50%, 12/15/22	20	20,300

## Eaton Vance

## Senior Income Trust

December 31, 2012

## Portfolio of Investments (Unaudited) continued

Security	Principal Amount* (000 s omitted)	Value
<b>Retailers (Except Food and Drug) (continued)</b>		
<b>Radio Systems Corp., Sr. Notes</b> 8.375%, 11/1/19 <sup>(7)</sup>	30	\$ 31,350
<b>Sally Holdings, LLC/Sally Capital, Inc., Sr. Notes</b> 5.75%, 6/1/22	95	103,550
<b>ServiceMaster Company, Sr. Notes</b> 7.00%, 8/15/20 <sup>(7)</sup>	60	60,450
		<b>\$ 532,825</b>
<b>Steel 0.0%</b>		
<b>AK Steel Corp., Sr. Notes</b> 8.75%, 12/1/18 <sup>(7)</sup>	15	\$ 15,881
		<b>\$ 15,881</b>
<b>Telecommunications 0.4%</b>		
<b>Avaya, Inc., Sr. Notes</b> 9.00%, 4/1/19 <sup>(7)</sup>	20	\$ 20,450
<b>Crown Castle International Corp., Sr. Notes</b> 5.25%, 1/15/23 <sup>(7)</sup>	55	59,056
<b>Intelsat Jackson Holdings, Ltd., Sr. Notes</b> 7.25%, 10/15/20 <sup>(7)</sup>	55	59,950
<b>SBA Communications Corp., Sr. Notes</b> 5.625%, 10/1/19 <sup>(7)</sup>	50	52,688
<b>SBA Telecommunications, Inc., Sr. Notes</b> 5.75%, 7/15/20 <sup>(7)</sup>	50	53,313
<b>Sprint Nextel Corp., Sr. Notes</b> 7.00%, 8/15/20	555	609,112
6.00%, 11/15/22	95	98,087
		<b>\$ 952,656</b>
<b>Utilities 1.5%</b>		
<b>Calpine Corp., Sr. Notes</b> 7.50%, 2/15/21 <sup>(7)</sup>	2,138	\$ 2,373,180
7.875%, 1/15/23 <sup>(7)</sup>	1,530	1,736,550
<b>Energy Future Intermediate Holding Co., LLC/EFIH Finance, Inc., Sr. Notes</b> 6.875%, 8/15/17 <sup>(7)</sup>	20	21,400

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

**Reliant Energy, Inc., Sr. Notes**

7.625%, 6/15/14	10	10,725
		<b>\$ 4,141,855</b>

**Total Corporate Bonds & Notes**  
(identified cost \$25,475,308)

**\$ 26,635,890**

**Asset-Backed Securities 1.2%**

<b>Security</b>	<b>Principal Amount (000 s omitted)</b>	<b>Value</b>
Avalon Capital Ltd. 3, Series 1A, Class D, 2.262%, 2/24/19 <sup>(7)(8)</sup>	\$ 295	\$ 264,040
Babson Ltd., Series 2005-1A, Class C1, 2.29%, 4/15/19 <sup>(7)(8)</sup>	376	330,283
Centurion CDO 8 Ltd., Series 2005-8A, Class D, 5.811%, 3/8/17 <sup>(8)</sup>	492	481,022
Centurion CDO 9 Ltd., Series 2005-9A, Class D1, 5.08%, 7/17/19 <sup>(8)</sup>	500	456,987
Madison Park Funding Ltd., Series 2006-2A, Class D, 5.06%, 3/25/20 <sup>(7)(8)</sup>	1,000	936,292
Schiller Park CLO Ltd., Series 2007-1A, Class D, 2.565%, 4/25/21 <sup>(7)(8)</sup>	1,000	881,830
<b>Total Asset-Backed Securities</b> (identified cost \$3,642,299)		<b>\$ 3,350,454</b>

**Common Stocks 1.5%**

<b>Security</b>	<b>Shares</b>	<b>Value</b>
<b>Automotive 0.1%</b> Dayco Products, LLC <sup>(5)(10)(11)</sup>	10,159	\$ 259,055
		<b>\$ 259,055</b>
<b>Building and Development 0.1%</b> Panolam Holdings Co. <sup>(5)(11)(12)</sup>	131	\$ 231,238
United Subcontractors, Inc. <sup>(5)(10)(11)</sup>	292	12,181
		<b>\$ 243,419</b>
<b>Financial Intermediaries 0.0%</b> RTS Investor Corp. <sup>(5)(10)(11)</sup>	41	\$ 4,425
		<b>\$ 4,425</b>
<b>Food Service 0.1%</b> Buffets Restaurants Holdings, Inc. <sup>(5)(10)(11)</sup>	22,185	\$ 200,774
		<b>\$ 200,774</b>

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

Home Furnishings 0.1%

Oreck Corp. <sup>(5)(10)(11)</sup>	2,275	\$	39,562
Sanitec Europe Oy B Units <sup>(5)(10)(11)</sup>	26,265		168,143
Sanitec Europe Oy E Units <sup>(5)(10)(11)</sup>	25,787		0
		\$	<b>207,705</b>

## Eaton Vance

## Senior Income Trust

December 31, 2012

## Portfolio of Investments (Unaudited) continued

Security	Shares	Value
<b>Leisure Goods / Activities / Movies 0.3%</b>		
Metro-Goldwyn-Mayer Holdings, Inc. <sup>(10)(11)</sup>	22,424	\$ 855,850
		<b>\$ 855,850</b>
<b>Lodging and Casinos 0.2%</b>		
Affinity Gaming, LLC <sup>(10)(11)</sup>	23,498	\$ 270,230
Greektown Superholdings, Inc. <sup>(11)</sup>	45	2,295
Tropicana Entertainment, Inc. <sup>(5)(10)(11)</sup>	25,430	362,378
		<b>\$ 634,903</b>
<b>Nonferrous Metals / Minerals 0.0%</b>		
Euramax International, Inc. <sup>(10)(11)</sup>	468	\$ 98,175
		<b>\$ 98,175</b>
<b>Oil and Gas 0.0%</b>		
SemGroup Corp. <sup>(11)</sup>	750	\$ 29,310
		<b>\$ 29,310</b>
<b>Publishing 0.6%</b>		
Ion Media Networks, Inc. <sup>(5)(10)</sup>	2,155	\$ 1,370,580
MediaNews Group, Inc. <sup>(5)(10)(11)</sup>	5,771	121,079
		<b>\$ 1,491,659</b>
<b>Total Common Stocks</b> (identified cost \$2,468,490)		<b>\$ 4,025,275</b>
<b>Warrants 0.0%</b>		
<b>Security</b>	<b>Shares</b>	<b>Value</b>



## Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSRS

Oil and Gas 0.0%			
SemGroup Corp., Expires 11/30/14 <sup>(11)</sup>	789	\$	11,969
			<b>\$ 11,969</b>

Publishing 0.0%			
Reader s Digest Association, Inc. (The), Expires 2/19/14 <sup>(10)</sup> <sup>(11)</sup>	781	\$	0
			<b>\$ 0</b>

Total Warrants (identified cost \$8)			
			<b>\$ 11,969</b>

Miscellaneous 0.0%

<b>Security</b>	<b>Shares</b>		<b>Value</b>
Business Equipment and Services 0.0%			
NCS Acquisition Corp., Escrow Certificate <sup>(5)</sup> <sup>(11)</sup>	20,000	\$	276
			<b>\$ 276</b>

Cable and Satellite Television 0.0%			
Adelphia Recovery Trust <sup>(5)</sup> <sup>(11)</sup>	261,268	\$	0
Adelphia, Inc., Escrow Certificate <sup>(11)</sup>	270,000		2,092
			<b>\$ 2,092</b>

Oil and Gas 0.0%			
SemGroup Corp., Escrow Certificate <sup>(11)</sup>	290,000	\$	13,050
			<b>\$ 13,050</b>

Total Miscellaneous (identified cost \$250,466)			
			<b>\$ 15,418</b>

Short-Term Investments 2.2%

<b>Description</b>		<b>Interest</b>	
		<b>(000 s omitted)</b>	<b>Value</b>
Eaton Vance Cash Reserves Fund, LLC, 0.12% <sup>(13)</sup>	\$ 5,815	\$	5,814,792

Total Short-Term Investments (identified cost \$5,814,792)			
			<b>\$ 5,814,792</b>

Total Investments 157.3% (identified cost \$420,145,372)			
			<b>\$ 424,141,159</b>

Less Unfunded Loan Commitments (0.0%)			
			<b>\$ (120,000)</b>

## Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSRS

Net Investments 157.3% (identified cost \$420,025,372)	\$ 424,021,159
Other Assets, Less Liabilities (16.5)%	\$ (44,431,606)
Auction Preferred Shares Plus Cumulative Unpaid Dividends (40.8)%	\$ (110,001,226)
Net Assets Applicable to Common Shares 100.0%	\$ 269,588,327

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.

## Eaton Vance

### Senior Income Trust

December 31, 2012

#### Portfolio of Investments (Unaudited) continued

- (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) Amount is less than 0.05%.
- (3) Represents a payment-in-kind security which may pay all or a portion of interest in additional par.
- (4) This Senior Loan will settle after December 31, 2012, at which time the interest rate will be determined.
- (5) For fair value value measurement disclosure purposes, security is categorized as Level 3 (See Note 13).
- (6) Unfunded or partially unfunded loan commitments. See Note 1G for description.
- (7) 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 December 31, 2012, the aggregate value of these securities is \$18,522,456 or 6.9% of the Trust's net assets applicable to common shares.
- (8) Variable rate security. The stated interest rate represents the rate in effect at December 31, 2012.
- (9) 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.
- (10) Security was acquired in connection with a restructuring of a Senior Loan and may be subject to restrictions on resale.
- (11) Non-income producing security.

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

(12) Restricted security (see Note 8).

(13) 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 December 31, 2012.

## Eaton Vance

## Senior Income Trust

December 31, 2012

## Statement of Assets and Liabilities (Unaudited)

	<b>December 31, 2012</b>
<b>Assets</b>	
Unaffiliated investments, at value (identified cost, \$414,210,580)	\$ 418,206,367
Affiliated investment, at value (identified cost, \$5,814,792)	5,814,792
Cash	3,910,464
Foreign currency, at value (identified cost, \$5,071)	5,067
Interest receivable	1,680,040
Interest receivable from affiliated investment	684
Receivable for investments sold	1,306,567
Receivable for open forward foreign currency exchange contracts	7,870
Prepaid expenses and other assets	17,671
<b>Total assets</b>	<b>\$ 430,949,522</b>
<b>Liabilities</b>	
Notes payable	\$ 45,000,000
Payable for investments purchased	3,478,080
Payable for open forward foreign currency exchange contracts	181,801
Distributions payable	2,132,896
Payable to affiliates:	
Investment adviser fee	296,712
Administration fee	90,461
Trustees fees	4,256
Accrued expenses	175,763
<b>Total liabilities</b>	<b>\$ 51,359,969</b>
<b>Auction preferred shares (4,400 shares outstanding) at liquidation value plus cumulative unpaid dividends</b>	<b>\$ 110,001,226</b>
<b>Net assets applicable to common shares</b>	<b>\$ 269,588,327</b>
<b>Sources of Net Assets</b>	
Common shares, \$0.01 par value, unlimited number of shares authorized, 36,776,552 shares issued and outstanding	\$ 367,766
Additional paid-in capital	316,733,753
Accumulated net realized loss	(50,913,049)
Accumulated distributions in excess of net investment income	(395,774)
Net unrealized appreciation	3,795,631
<b>Net assets applicable to common shares</b>	<b>\$ 269,588,327</b>
<b>Net Asset Value Per Common Share</b>	
<b>(\$269,588,327 ÷ 36,776,552 common shares issued and outstanding)</b>	<b>\$ 7.33</b>

## Eaton Vance

## Senior Income Trust

December 31, 2012

## Statement of Operations (Unaudited)

	<b>Six Months Ended December 31, 2012</b>
<b>Investment Income</b>	
Interest and other income	\$ 11,716,686
Dividends	451,968
Interest allocated from affiliated investment	4,775
Expenses allocated from affiliated investment	(494)
<b>Total investment income</b>	<b>\$ 12,172,935</b>
<b>Expenses</b>	
Investment adviser fee	\$ 1,753,665
Administration fee	534,654
Trustees' fees and expenses	8,570
Custodian fee	139,638
Transfer and dividend disbursing agent fees	10,217
Legal and accounting services	71,581
Printing and postage	30,096
Interest expense and fees	320,500
Preferred shares service fee	81,932
Miscellaneous	56,279
<b>Total expenses</b>	<b>\$ 3,007,132</b>
Deduct	
Reduction of custodian fee	\$ 6
<b>Total expense reductions</b>	<b>\$ 6</b>
<b>Net expenses</b>	<b>\$ 3,007,126</b>
<b>Net investment income</b>	<b>\$ 9,165,809</b>
<b>Realized and Unrealized Gain (Loss)</b>	
Net realized gain (loss)	
Investment transactions	\$ 1,149,344
Investment transactions allocated from affiliated investment	166
Foreign currency and forward foreign currency exchange contract transactions	(178,833)
<b>Net realized gain</b>	<b>\$ 970,677</b>
Change in unrealized appreciation (depreciation)	
Investments	\$ 7,289,802
Foreign currency and forward foreign currency exchange contracts	(406,819)
<b>Net change in unrealized appreciation (depreciation)</b>	<b>\$ 6,882,983</b>
<b>Net realized and unrealized gain</b>	<b>\$ 7,853,660</b>
<b>Distributions to preferred shareholders</b>	
From net investment income	\$ (75,128)
<b>Net increase in net assets from operations</b>	<b>\$ 16,944,341</b>

## Eaton Vance

## Senior Income Trust

December 31, 2012

## Statements of Changes in Net Assets

	<b>Six Months Ended</b>	
	<b>December 31, 2012</b>	
	<b>(Unaudited)</b>	<b>Year Ended June 30, 2012</b>
<b>Increase (Decrease) in Net Assets</b>		
From operations		
Net investment income	\$ 9,165,809	\$ 15,980,515
Net realized gain from investment, foreign currency and forward foreign currency exchange contract transactions	970,677	2,421,526
Net change in unrealized appreciation (depreciation) from investments, foreign currency and forward foreign currency exchange contracts	6,882,983	(4,859,938)
Distributions to preferred shareholders		
From net investment income	(75,128)	(93,709)
<b>Net increase in net assets from operations</b>	<b>\$ 16,944,341</b>	<b>\$ 13,448,394</b>
Distributions to common shareholders		
From net investment income	\$ (10,698,878)	\$ (16,207,874)
<b>Total distributions to common shareholders</b>	<b>\$ (10,698,878)</b>	<b>\$ (16,207,874)</b>
Capital share transactions		
Reinvestment of distributions to common shareholders	\$ 175,163	\$
<b>Net increase in net assets from capital shares transactions</b>	<b>\$ 175,163</b>	<b>\$</b>
<b>Net increase (decrease) in net assets</b>	<b>\$ 6,420,626</b>	<b>\$ (2,759,480)</b>
<b>Net Assets Applicable to Common Shares</b>		
At beginning of period	\$ 263,167,701	\$ 265,927,181
<b>At end of period</b>	<b>\$ 269,588,327</b>	<b>\$ 263,167,701</b>
<b>Accumulated undistributed (distributions in excess of) net investment income included in net assets applicable to common shares</b>		
<b>At end of period</b>	<b>\$ (395,774)</b>	<b>\$ 1,212,423</b>

## Eaton Vance

## Senior Income Trust

December 31, 2012

## Statement of Cash Flows (Unaudited)

	<b>Six Months Ended December 31, 2012</b>
<b>Cash Flows From Operating Activities</b>	
Net increase in net assets from operations	\$ 16,944,341
Distributions to preferred shareholders	75,128
Net increase in net assets from operations excluding distributions to preferred shareholders	\$ 17,019,469
Adjustments to reconcile net increase in net assets from operations to net cash provided by operating activities:	
Investments purchased	(97,183,111)
Investments sold and principal repayments	101,156,570
Decrease in short-term investments, net	1,684,692
Net amortization/accretion of premium (discount)	(773,625)
Decrease in interest receivable	98,226
Increase in interest receivable from affiliated investment	(365)
Decrease in receivable for open forward foreign currency exchange contracts	269,873
Decrease in prepaid expenses and other assets	6,458
Increase in payable for open forward foreign currency exchange contracts	138,652
Increase in payable to affiliate for investment adviser fee	17,136
Increase in payable to affiliate for administration fee	5,224
Increase in payable to affiliate for Trustees' fees	56
Decrease in accrued expenses	(83,991)
Decrease in unfunded loan commitments	(573,828)
Net change in unrealized (appreciation) depreciation from investments	(7,289,802)
Net realized gain from investments	(1,149,344)
<b>Net cash provided by operating activities</b>	<b>\$ 13,342,290</b>
<b>Cash Flows From Financing Activities</b>	
Distributions paid to common shareholders, net of reinvestments	\$ (8,390,819)
Cash distributions to preferred shareholders	(74,887)
Proceeds from notes payable	3,000,000
Repayment of notes payable	(4,000,000)
<b>Net cash used in financing activities</b>	<b>\$ (9,465,706)</b>
<b>Net increase in cash*</b>	<b>\$ 3,876,584</b>
<b>Cash at beginning of period<sup>(1)</sup></b>	<b>\$ 38,947</b>
<b>Cash at end of period<sup>(1)</sup></b>	<b>\$ 3,915,531</b>
<b>Supplemental disclosure of cash flow information:</b>	
Noncash financing activities not included herein consist of:	
Reinvestment of dividends and distributions	\$ 175,163
Cash paid for interest and fees on borrowings	\$ 322,723

\* Includes net change in unrealized appreciation (depreciation) on foreign currency of \$(417).

<sup>(1)</sup> Balance includes foreign currency, at value.





## Eaton Vance

## Senior Income Trust

December 31, 2012

## Financial Highlights

Selected data for a common share outstanding during the periods stated

	<b>Six Months Ended December 31, 2012 (Unaudited)</b>	<b>Year Ended June 30,</b>				
		<b>2012</b>	<b>2011</b>	<b>2010</b>	<b>2009</b>	<b>2008</b>
Net asset value Beginning of period (Common shares)	\$ 7.160	\$ 7.240	\$ 6.710	\$ 5.480	\$ 7.480	\$ 8.800
<b>Income (Loss) From Operations</b>						
Net investment income <sup>(1)</sup>	\$ 0.249	\$ 0.435	\$ 0.420	\$ 0.395	\$ 0.492	\$ 0.742
Net realized and unrealized gain (loss)	0.214	(0.071)	0.557	1.198	(2.012)	(1.324)
Distributions to preferred shareholders From net investment income <sup>(1)</sup>	(0.002)	(0.003)	(0.006)	(0.006)	(0.033)	(0.133)
<b>Total income (loss) from operations</b>	<b>\$ 0.461</b>	<b>\$ 0.361</b>	<b>\$ 0.971</b>	<b>\$ 1.587</b>	<b>\$ (1.553)</b>	<b>\$ (0.715)</b>
<b>Less Distributions to Common Shareholders</b>						
From net investment income	\$ (0.291)	\$ (0.441)	\$ (0.441)	\$ (0.357)	\$ (0.439)	\$ (0.605)
Tax return of capital					(0.008)	
<b>Total distributions to common shareholders</b>	<b>\$ (0.291)</b>	<b>\$ (0.441)</b>	<b>\$ (0.441)</b>	<b>\$ (0.357)</b>	<b>\$ (0.447)</b>	<b>\$ (0.605)</b>
Net asset value End of period (Common shares)	\$ 7.330	\$ 7.160	\$ 7.240	\$ 6.710	\$ 5.480	\$ 7.480
Market value End of period (Common shares)	\$ 7.540	\$ 7.020	\$ 7.200	\$ 6.630	\$ 4.690	\$ 6.620
<b>Total Investment Return on Net Asset Value<sup>(2)</sup></b>	<b>5.68%<sup>(3)(4)</sup></b>	<b>5.58%</b>	<b>14.80%</b>	<b>29.77%</b>	<b>(18.99)%</b>	<b>(7.58)%</b>
<b>Total Investment Return on Market Value<sup>(2)</sup></b>	<b>10.88%<sup>(3)(4)</sup></b>	<b>4.09%</b>	<b>15.55%</b>	<b>49.83%</b>	<b>(21.66)%</b>	<b>(16.01)%</b>

## Eaton Vance

## Senior Income Trust

December 31, 2012

## Financial Highlights continued

Selected data for a common share outstanding during the periods stated

Ratios/Supplemental Data	Six Months Ended	Year Ended June 30,				
	December 31, 2012 (Unaudited)	2012	2011	2010	2009	2008
Net assets applicable to common shares, end of period (000 s omitted)	\$ 269,588	\$ 263,168	\$ 265,927	\$ 245,741	\$ 200,183	\$ 272,941
Ratios (as a percentage of average daily net assets applicable to common shares): <sup>(5)</sup>						
Expenses excluding interest and fees <sup>(6)</sup>	1.98% <sup>(7)</sup>	2.01%	1.95%	2.05%	2.44%	2.22%
Interest and fee expense <sup>(8)</sup>	0.24% <sup>(7)</sup>	0.23%	0.23%	0.25%	0.99%	1.95%
Total expenses	2.22% <sup>(7)</sup>	2.24%	2.18%	2.30%	3.43%	4.17%
Net investment income	6.77% <sup>(7)</sup>	6.17%	5.90%	6.08%	9.64%	9.47%
Portfolio Turnover	23% <sup>(3)</sup>	38%	53%	43%	18%	26%
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): <sup>(5)</sup>						
Expenses excluding interest and fees <sup>(6)</sup>	1.26% <sup>(7)</sup>	1.27%	1.26%	1.31%	1.54%	1.60%
Interest and fee expense <sup>(8)</sup>	0.15% <sup>(7)</sup>	0.15%	0.15%	0.16%	0.62%	1.41%
Total expenses	1.41% <sup>(7)</sup>	1.42%	1.41%	1.47%	2.16%	3.01%
Net investment income	4.28% <sup>(7)</sup>	3.93%	3.82%	3.90%	6.06%	6.84%
Senior Securities:						
Total notes payable outstanding (in 000 s)	\$ 45,000	\$ 46,000	\$ 36,000	\$ 31,000	\$ 3,000	\$ 105,000
Asset coverage per \$1,000 of notes payable <sup>(9)</sup>	\$ 9,435	\$ 9,112	\$ 11,442	\$ 12,476	\$ 104,397	\$ 4,648
Total preferred shares outstanding	4,400	4,400	4,400	4,400	4,400	4,400
Asset coverage per preferred share <sup>(10)</sup>	\$ 68,482	\$ 67,174	\$ 70,536	\$ 68,571	\$ 69,290	\$ 56,770
Involuntary liquidation preference per preferred share <sup>(11)</sup>	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
Approximate market value per preferred share <sup>(11)</sup>	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000

(1) Computed using average common shares outstanding.

(2) Returns are historical and are calculated by determining the percentage change in net asset value or market value with all distributions reinvested. Distributions are assumed to be reinvested at prices obtained under the Trust's dividend reinvestment plan.

(3) Not annualized.

(4) The return does not include a dividend declared during the period but payable after period end.

## Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSRS

- (5) Ratios do not reflect the effect of dividend payments to preferred shareholders.
- (6) Excludes the effect of custody fee credits, if any, of less than 0.005%.
- (7) Annualized.
- (8) Interest and fee expense relates to the notes payable incurred to redeem the Trust's APS (see Note 10).
- (9) Calculated by subtracting the Trust's total liabilities (not including the notes payable and preferred shares) from the Trust's total assets, and dividing the result by the notes payable balance in thousands.
- (10) Calculated by subtracting the Trust's total liabilities (not including the notes payable and preferred shares) from the Trust's total assets, dividing the result by the sum of the value of the notes payable and liquidation value of preferred shares, and multiplying the result by the liquidation value of one preferred share. Such amount equates to 274%, 269%, 282%, 274%, 277% and 227% at December 31, 2012, and June 30, 2012, 2011, 2010, 2009 and 2008, respectively.
- (11) Plus accumulated and unpaid dividends.

## Eaton Vance

### Senior Income Trust

December 31, 2012

#### Notes to Financial Statements (Unaudited)

##### 1 Significant Accounting Policies

Eaton Vance Senior Income Trust (the Trust) is a Massachusetts business trust registered under the Investment Company Act of 1940, as amended (the 1940 Act), as a non-diversified, closed-end management investment company. The Trust's investment objective is to provide a high level of current income, consistent with the preservation of capital, by investing primarily in senior, secured floating-rate loans.

The following is a summary of significant accounting policies of the Trust. The policies are in conformity with accounting principles generally accepted in the United States of America.

**A Investment Valuation** Interests in senior floating-rate loans (Senior Loans) for which reliable market quotations are readily available are valued generally at the average mean of bid and ask quotations obtained from a third party pricing service. Other Senior Loans are valued at fair value by the investment adviser under procedures approved by the Trustees. In fair valuing a Senior Loan, the investment adviser utilizes one or more of the valuation techniques described in (i) through (iii) below to assess the likelihood that the borrower will make a full repayment of the loan underlying such Senior Loan relative to yields on other Senior Loans issued by companies of comparable credit quality. If the investment adviser believes that there is a reasonable likelihood of full repayment, the investment adviser will determine fair value using a matrix pricing approach that considers the yield on the Senior Loan. If the investment adviser believes there is not a reasonable likelihood of full repayment, the investment adviser will determine fair value using analyses that include, but are not limited to: (i) a comparison of the value of the borrower's outstanding equity and debt to that of comparable public companies; (ii) a discounted cash flow analysis; or (iii) when the investment adviser believes it is likely that a borrower will be liquidated or sold, an analysis of the terms of such liquidation or sale. In certain cases, the investment adviser will use a combination of analytical methods to determine fair value, such as when only a portion of a borrower's assets are likely to be sold. In conducting its assessment and analyses for purposes of determining fair value of a Senior Loan, the investment adviser will use its discretion and judgment in considering and appraising relevant factors. Fair value determinations are made by the portfolio managers of the Trust based on information available to such managers. The portfolio managers of other funds managed by the investment adviser that invest in Senior Loans may not possess the same information about a Senior Loan borrower as the portfolio managers of the Trust. At times, the fair value of a Senior Loan determined by the portfolio managers of other funds managed by the investment adviser that invest in Senior Loans may vary from the fair value of the same Senior Loan determined by the portfolio managers of the Trust. The fair value of each Senior Loan is periodically reviewed and approved by the investment adviser's Valuation Committee and by the Trustees based upon procedures approved by the Trustees. Junior Loans (i.e., subordinated loans and second lien loans) are valued in the same manner as Senior Loans.

Debt obligations (including short-term obligations with a remaining maturity of more than sixty days) are generally valued on the basis of valuations provided by third party pricing services, as derived from such services' pricing models. Inputs to the models may include, but are not limited to, reported trades, executable bid and asked prices, broker/dealer quotations, prices or yields of securities with similar characteristics, benchmark curves or information pertaining to the issuer, as well as industry and economic events. The pricing services may use a matrix approach, which considers information regarding securities with similar characteristics to determine the valuation for a security. Short-term obligations purchased with a remaining maturity of sixty days or less are generally valued at amortized cost, which approximates market value.

Equity securities (including common shares of closed-end investment companies) listed on a U.S. securities exchange generally are valued at the last sale or closing price on the day of valuation or, if no sales took place on such date, at the mean between the closing bid and asked prices therefore on the exchange where such securities are principally traded. Equity securities listed on the NASDAQ Global or Global Select Market generally are valued at the NASDAQ official closing price. Unlisted or listed securities for which closing sales prices or closing quotations are not available are valued at the mean between the latest available bid and asked prices or, in the case of preferred equity securities that are not listed or traded in the over-the-counter market, by a third party pricing service that will use various techniques that consider factors including, but not limited to, prices or yields of securities with similar characteristics, benchmark yields, broker/dealer quotes, quotes of underlying common stock, issuer spreads, as well as industry and economic events. Forward foreign currency exchange contracts are generally valued at the mean of the average bid and average asked prices that are reported by currency dealers to a third party pricing service at the valuation time. Such third party pricing service valuations are supplied for specific settlement periods and the Trust's forward foreign currency exchange contracts are valued at an interpolated rate between the closest preceding and subsequent settlement period reported by the third party pricing service. Foreign securities and currencies are valued in U.S. dollars, based on foreign currency exchange rate quotations supplied by a third party pricing service. The pricing service uses a proprietary model to determine the exchange rate. Inputs to the model include reported trades and implied bid/ask spreads. Investments for which valuations or market quotations are not readily available or are deemed unreliable are valued at fair value using methods determined in good faith by or at the direction of the Trustees of the Trust in a manner that fairly reflects the security's value, or the amount that the Trust might reasonably expect to receive for the security upon its current sale

## Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSRS

in the ordinary course. Each such determination is based on a consideration of relevant factors, which are likely to vary from one pricing context to another. These factors may include, but are not limited to, the type of security, the existence of any contractual restrictions on the security's disposition, the price and extent of public trading in similar securities of the issuer or of comparable companies or entities, quotations or relevant information obtained from broker/dealers or other market participants, information obtained from the issuer, analysts, and/or the appropriate stock exchange (for exchange-traded securities), an analysis of the company's or entity's financial condition, and an evaluation of the forces that influence the issuer and the market(s) in which the security is purchased and sold.

The Trust may invest in Eaton Vance Cash Reserves Fund, LLC (Cash Reserves Fund), an affiliated investment company managed by Eaton Vance Management (EVM). Cash Reserves Fund generally values its investment securities utilizing the amortized cost valuation technique in accordance with Rule 2a-7 under the 1940 Act. This technique involves initially valuing a portfolio security at its cost and thereafter assuming a constant amortization to

## Eaton Vance

### Senior Income Trust

December 31, 2012

#### Notes to Financial Statements (Unaudited) continued

maturity of any discount or premium. If amortized cost is determined not to approximate fair value, Cash Reserves Fund may value its investment securities in the same manner as debt obligations described above.

**B Investment Transactions** Investment transactions for financial statement purposes are accounted for on a trade date basis. Realized gains and losses on investments sold are determined on the basis of identified cost.

**C Income** Interest income is recorded on the basis of interest accrued, adjusted for amortization of premium or accretion of discount. Fees associated with loan amendments are recognized immediately. Dividend income is recorded on the ex-dividend date for dividends received in cash and/or securities.

**D Federal Taxes** The Trust's policy is to comply with the provisions of the Internal Revenue Code applicable to regulated investment companies and to distribute to shareholders each year substantially all of its net investment income, and all or substantially all of its net realized capital gains. Accordingly, no provision for federal income or excise tax is necessary.

At June 30, 2012, the Trust, for federal income tax purposes, had a capital loss carryforward of \$51,569,173 and deferred capital losses of \$272,739 which will reduce its taxable income arising from future net realized gains on investment transactions, if any, to the extent permitted by the Internal Revenue Code, and thus will reduce the amount of distributions to shareholders, which would otherwise be necessary to relieve the Trust of any liability for federal income or excise tax. The capital loss carryforward will expire on June 30, 2016 (\$52,501), June 30, 2017 (\$21,938,328), June 30, 2018 (\$22,498,410) and June 30, 2019 (\$7,079,934). The deferred capital losses are treated as arising on the first day of the Trust's next taxable year and are treated as realized prior to the utilization of the capital loss carryforward.

As of December 31, 2012, the Trust had no uncertain tax positions that would require financial statement recognition, de-recognition, or disclosure. The Trust files a U.S. federal income tax return annually after its fiscal year-end, which is subject to examination by the Internal Revenue Service for a period of three years from the date of filing.

**E Expense Reduction** State Street Bank and Trust Company (SSBT) serves as custodian of the Trust. Pursuant to the custodian agreement, SSBT receives a fee reduced by credits, which are determined based on the average daily cash balance the Trust maintains with SSBT. All credit balances, if any, used to reduce the Trust's custodian fees are reported as a reduction of expenses in the Statement of Operations.

**F Foreign Currency Translation** Investment valuations, other assets, and liabilities initially expressed in foreign currencies are translated each business day into U.S. dollars based upon current exchange rates. Purchases and sales of foreign investment securities and income and expenses denominated in foreign currencies are translated into U.S. dollars based upon currency exchange rates in effect on the respective dates of such transactions. Recognized gains or losses on investment transactions attributable to changes in foreign currency exchange rates are recorded for financial statement purposes as net realized gains and losses on investments. That portion of unrealized gains and losses on investments that results from fluctuations in foreign currency exchange rates is not separately disclosed.

**G Unfunded Loan Commitments** The Trust may enter into certain credit agreements all or a portion of which may be unfunded. The Trust is obligated to fund these commitments at the borrower's discretion. These commitments are disclosed in the accompanying Portfolio of Investments. At December 31, 2012, the Trust had sufficient cash and/or securities to cover these commitments.

**H Use of Estimates** The preparation of the financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of income and expense during the reporting period. Actual results could differ from those estimates.

**I Indemnifications** Under the Trust's organizational documents, its officers and Trustees may be indemnified against certain liabilities and expenses arising out of the performance of their duties to the Trust. Under Massachusetts law, if certain conditions prevail, shareholders of a Massachusetts business trust (such as the Trust) could be deemed to have personal liability for the obligations of the Trust. However, the Trust's Declaration of Trust contains an express disclaimer of

## Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSRS

liability on the part of Trust shareholders and the By-laws provide that the Trust shall assume the defense on behalf of any Trust shareholders. Moreover, the By-laws also provide for indemnification out of Trust property of any shareholder held personally liable solely by reason of being or having been a shareholder for all loss or expense arising from such liability. Additionally, in the normal course of business, the Trust enters into agreements with service providers that may contain indemnification clauses. The Trust's maximum exposure under these arrangements is unknown as this would involve future claims that may be made against the Trust that have not yet occurred.

**J Forward Foreign Currency Exchange Contracts** The Trust may enter into forward foreign currency exchange contracts for the purchase or sale of a specific foreign currency at a fixed price on a future date. The forward foreign currency exchange contracts are adjusted by the daily exchange rate of the underlying currency and any gains or losses are recorded as unrealized until such time as the contracts have been closed or offset by another contract with the same broker for the same settlement date and currency. Risks may arise upon entering these contracts from the potential inability of counterparties to meet the terms of their contracts and from movements in the value of a foreign currency relative to the U.S. dollar.

**K Statement of Cash Flows** The cash amount shown in the Statement of Cash Flows of the Trust is the amount included in the Trust's Statement of Assets and Liabilities and represents the cash on hand at its custodian and does not include any short-term investments.



## Eaton Vance

## Senior Income Trust

December 31, 2012

## Notes to Financial Statements (Unaudited) continued

**L Interim Financial Statements** The interim financial statements relating to December 31, 2012 and for the six months then ended have not been audited by an independent registered public accounting firm, but in the opinion of the Trust's management, reflect all adjustments, consisting only of normal recurring adjustments, necessary for the fair presentation of the financial statements.

**2 Auction Preferred Shares**

The Trust issued Auction Preferred Shares (APS) on June 27, 2001 in a public offering. The underwriting discount and other offering costs incurred in connection with the offering were recorded as a reduction of the paid-in capital of the common shares. Dividends on the APS, which accrue daily, are cumulative at rates which are reset every seven days by an auction, unless a special dividend period has been set. Series of APS are identical in all respects except for the reset dates of the dividend rates. If the APS auctions do not successfully clear, the dividend payment rate over the next period for the APS holders is set at a specified maximum applicable rate until such time as the APS auctions are successful. Auctions have not cleared since February 13, 2008 and the rate since that date has been the maximum applicable rate (see Note 3). The maximum applicable rate on the APS is 125% of the AA Financial Composite Commercial Paper Rate at the date of the auction. The stated spread over the reference benchmark rate is determined based on the credit rating of the APS.

The number of APS issued and outstanding as of December 31, 2012 is as follows:

	<b>APS Issued and Outstanding</b>
Series A	2,200
Series B	2,200

The APS are redeemable at the option of the Trust at a redemption price equal to \$25,000 per share, plus accumulated and unpaid dividends, on any dividend payment date. The APS are also subject to mandatory redemption at a redemption price equal to \$25,000 per share, plus accumulated and unpaid dividends, if the Trust is in default for an extended period on its asset maintenance requirements with respect to the APS. If the dividends on the APS remain unpaid in an amount equal to two full years' dividends, the holders of the APS as a class have the right to elect a majority of the Board of Trustees. In general, the holders of the APS and the common shares have equal voting rights of one vote per share, except that the holders of the APS, as a separate class, have the right to elect at least two members of the Board of Trustees. The APS have a liquidation preference of \$25,000 per share, plus accumulated and unpaid dividends. The Trust is required to maintain certain asset coverage with respect to the APS as defined in the Trust's By-Laws and the 1940 Act. The Trust pays an annual fee up to 0.15% of the liquidation value of the APS to broker/dealers as a service fee if the auctions are unsuccessful; otherwise, the annual fee is 0.25%.

**3 Distributions to Shareholders**

The Trust intends to make monthly distributions of net investment income to common shareholders, after payment of any dividends on any outstanding APS. In addition, at least annually, the Trust intends to distribute all or substantially all of its net realized capital gains (reduced by available capital loss carryforwards from prior years, if any). Distributions to common shareholders are recorded on the ex-dividend date. Distributions to preferred shareholders are recorded daily and are payable at the end of each dividend period. The dividend rates for the APS at December 31, 2012, and the amount of dividends accrued (including capital gains, if any) to APS shareholders, average APS dividend rates (annualized), and dividend rate ranges for the six months then ended were as follows:

<b>APS Dividend Rates at December 31, 2012</b>	<b>Dividends Accrued to APS Shareholders</b>	<b>Average APS Dividend Rates</b>	<b>Dividend Rate Ranges (%)</b>
--	--	---	---

## Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSRS

Series A	0.10%	\$ 37,697	0.14%	0.08	0.19
Series B	0.05	37,431	0.14	0.05	0.20

Beginning February 13, 2008 and consistent with the patterns in the broader market for auction-rate securities, the Trust's APS auctions were unsuccessful in clearing due to an imbalance of sell orders over bids to buy the APS. As a result, the dividend rates of the APS were reset to the maximum applicable rate. The table above reflects such maximum dividend rate for each series as of December 31, 2012.

The Trust distinguishes between distributions on a tax basis and a financial reporting basis. Accounting principles generally accepted in the United States of America require that only distributions in excess of tax basis earnings and profits be reported in the financial statements as a return of capital. Permanent differences between book and tax accounting relating to distributions are reclassified to paid-in capital. For tax purposes, distributions from short-term capital gains are considered to be from ordinary income.

## Eaton Vance

## Senior Income Trust

December 31, 2012

## Notes to Financial Statements (Unaudited) continued

## 4 Investment Adviser Fee and Other Transactions with Affiliates

The investment adviser fee is earned by EVM as compensation for management and investment advisory services rendered to the Trust. The fee is computed at an annual rate of 0.82% of the Trust's average weekly gross assets and is payable monthly. Gross assets as referred to herein represent net assets plus obligations attributable to investment leverage. Pursuant to a fee reduction agreement between the Trust and EVM that commenced on May 1, 2010, the annual adviser fee rate is reduced by 0.01% every May 1 thereafter for the next twenty-nine years. The fee reduction cannot be terminated without the consent of the Trustees and shareholders. The Trust invests its cash in Cash Reserves Fund. EVM does not currently receive a fee for advisory services provided to Cash Reserves Fund. For the six months ended December 31, 2012, the Trust's investment adviser fee totaled \$1,753,665. The administration fee is earned by EVM for administering the business affairs of the Trust and is computed at an annual rate of 0.25% of the Trust's average weekly gross assets. For the six months ended December 31, 2012, the administration fee amounted to \$534,654.

Trustees and officers of the Trust who are members of EVM's organization receive remuneration for their services to the Trust out of the investment adviser fee. Trustees of the Trust who are not affiliated with EVM may elect to defer receipt of all or a percentage of their annual fees in accordance with the terms of the Trustees Deferred Compensation Plan. For the six months ended December 31, 2012, no significant amounts have been deferred. Certain officers and Trustees of the Trust are officers of EVM.

## 5 Purchases and Sales of Investments

Purchases and sales of investments, other than short-term obligations and including maturities and principal repayments on Senior Loans, aggregated \$95,653,914 and \$101,989,514, respectively, for the six months ended December 31, 2012.

## 6 Common Shares of Beneficial Interest

The Trust may issue common shares pursuant to its dividend reinvestment plan. Common shares issued by the Trust for the six months ended December 31, 2012 were 24,004. There were no common shares issued by the Trust for the year ended June 30, 2012.

Pursuant to a registration statement filed with the Securities and Exchange Commission effective November 14, 2012, the Trust is authorized to issue up to an additional 3,677,150 common shares through a shelf offering. The offering price of the common shares, less any commissions and discounts, must equal or exceed the Trust's net asset value per share. Offering costs related to the shelf offering were borne by EVM. As of December 31, 2012, there were no shares sold by the Trust pursuant to its shelf offering.

## 7 Federal Income Tax Basis of Investments

The cost and unrealized appreciation (depreciation) of investments of the Trust at December 31, 2012, as determined on a federal income tax basis, were as follows:

<b>Aggregate cost</b>	<b>\$ 420,143,245</b>
Gross unrealized appreciation	\$ 8,803,832
Gross unrealized depreciation	(4,925,918)
<b>Net unrealized appreciation</b>	<b>\$ 3,877,914</b>

## 8 Restricted Securities

## Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSRS

At December 31, 2012, the Trust owned the following securities (representing 0.1% of net assets applicable to common shares) which were restricted as to public resale and not registered under the Securities Act of 1933 (excluding Rule 144A securities). The Trust has various registration rights (exercisable under a variety of circumstances) with respect to these securities. The value of these securities is determined based on valuations provided by brokers when available, or if not available, they are valued at fair value using methods determined in good faith by or at the direction of the Trustees.

<b>Description</b>	<b>Date of</b>	<b>Shares</b>	<b>Cost</b>	<b>Value</b>
	<b>Acquisition</b>			
<b>Common Stocks</b>				
Panolam Holdings Co.	12/30/09	131	\$ 71,985	\$ 231,238
<b>Total Restricted Securities</b>			<b>\$ 71,985</b>	<b>\$ 231,238</b>

## Eaton Vance

## Senior Income Trust

December 31, 2012

Notes to Financial Statements (Unaudited) continued

## 9 Financial Instruments

The Trust may trade in financial instruments with off-balance sheet risk in the normal course of its investing activities. These financial instruments may include forward foreign currency exchange contracts and may involve, to a varying degree, elements of risk in excess of the amounts recognized for financial statement purposes. The notional or contractual amounts of these instruments represent the investment the Trust has in particular classes of financial instruments and do not necessarily represent the amounts potentially subject to risk. The measurement of the risks associated with these instruments is meaningful only when all related and offsetting transactions are considered.

A summary of obligations under these financial instruments at December 31, 2012 is as follows:

## Forward Foreign Currency Exchange Contracts

Sales				Net Unrealized Appreciation (Depreciation)
Settlement Date	Deliver	In Exchange For	Counterparty	
2/28/13	British Pound Sterling 3,409,732	United States Dollar 5,443,433	Goldman Sachs International	\$ (94,591)
2/28/13	Euro 2,267,925	United States Dollar 2,926,315	Citibank NA	(68,692)
3/28/13	British Pound Sterling 1,460,024	United States Dollar 2,352,573	Citibank NA	(18,518)
3/28/13	Euro 4,137,086	United States Dollar 5,472,765	HSBC Bank USA	7,870
				<b>\$ (173,931)</b>

At December 31, 2012, the Trust had sufficient cash and/or securities to cover commitments under these contracts.

The Trust is subject to foreign exchange risk in the normal course of pursuing its investment objective. Because the Trust holds foreign currency denominated investments, the value of these investments and related receivables and payables may change due to future changes in foreign currency exchange rates. To hedge against this risk, the Trust enters into forward foreign currency exchange contracts. The Trust also enters into such contracts to hedge the currency risk of investments it anticipates purchasing.

The Trust enters into forward foreign currency exchange contracts that may contain provisions whereby the counterparty may terminate the contract under certain conditions, including but not limited to a decline in the Trust's net assets below a certain level over a certain period of time, which would trigger a payment by the Trust for those derivatives in a liability position. At December 31, 2012, the fair value of derivatives with credit-related contingent features in a net liability position was \$181,801.

The non-exchange traded derivatives in which the Trust invests, including forward foreign currency exchange contracts, are subject to the risk that the counterparty to the contract fails to perform its obligations under the contract. At December 31, 2012, the maximum amount of loss the Trust would incur due to counterparty risk was \$7,870, representing the fair value of such derivatives in an asset position. To mitigate this risk, the Trust has entered into master netting agreements with substantially all its derivative counterparties, which allows it and a counterparty to aggregate amounts owed by each of them for derivative transactions under the agreement into a single net amount payable by either the Trust or the counterparty. Counterparties may be required to pledge collateral in the form of cash, U.S. Government securities or highly-rated bonds for the benefit of the Trust if the net amount due from the counterparty with respect to a

## Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSRS

derivative contract exceeds a certain threshold. The amount of collateral posted by the counterparties with respect to such contracts would also reduce the amount of any loss incurred.

## Eaton Vance

## Senior Income Trust

December 31, 2012

## Notes to Financial Statements (Unaudited) continued

The fair value of open derivative instruments (not considered to be hedging instruments for accounting disclosure purposes) and whose primary underlying risk exposure is foreign exchange risk at December 31, 2012 was as follows:

Derivative	Fair Value	
	Asset Derivative	Liability Derivative
Forward foreign currency exchange contracts	\$ 7,870 <sup>(1)</sup>	\$ (181,801) <sup>(2)</sup>

(1) Statement of Assets and Liabilities location: Receivable for open forward foreign currency exchange contracts; Net unrealized appreciation.

(2) Statement of Assets and Liabilities location: Payable for open forward foreign currency exchange contracts; Net unrealized appreciation.

The effect of derivative instruments (not considered to be hedging instruments for accounting disclosure purposes) on the Statement of Operations and whose primary underlying risk exposure is foreign exchange risk for the six months ended December 31, 2012 was as follows:

Derivative	Realized Gain (Loss) on Derivatives Recognized in Income	Change in Unrealized Appreciation (Depreciation) on Derivatives Recognized in Income
Forward foreign currency exchange contracts	\$ (184,377) <sup>(1)</sup>	\$ (408,525) <sup>(2)</sup>

(1) Statement of Operations location: Net realized gain (loss) Foreign currency and forward foreign currency exchange contract transactions.

(2) Statement of Operations location: Change in unrealized appreciation (depreciation) Foreign currency and forward foreign currency exchange contracts.

The average notional amount of forward foreign currency exchange contracts outstanding during the six months ended December 31, 2012, which is indicative of the volume of this derivative type, was approximately \$16,345,000.

## 10 Revolving Credit and Security Agreement

The Trust has entered into a Revolving Credit and Security Agreement, as amended (the Agreement) with conduit lenders and a bank that allows it to borrow up to \$50 million and to invest the borrowings in accordance with its investment practices. Borrowings under the Agreement are secured by the assets of the Trust. Interest is charged at a rate above the conduits' commercial paper issuance rate and is payable monthly. Under the terms of the Agreement, in effect through March 21, 2013, the Trust also pays a program fee of 0.60% per annum on its outstanding borrowings to administer the facility and a liquidity fee of 0.45% per annum on the borrowing limit under the Agreement. Program and liquidity fees for the six months ended December 31, 2012 totaled \$256,068 and are included in interest expense on the Statement of Operations. The Trust is required to maintain certain net asset levels during the term of the Agreement. At December 31, 2012, the Trust had borrowings outstanding under the Agreement of \$45,000,000 at an interest rate of 0.19%. The carrying amount of the borrowings at December 31, 2012 approximated its fair value. If measured at fair value, borrowings under the Agreement would have been considered as Level 2 in the fair

## Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSRS

value hierarchy (see Note 13) at December 31, 2012. For the six months ended December 31, 2012, the average borrowings under the Agreement and the average annual interest rate (excluding fees) were \$45,945,652 and 0.28%, respectively.

### 11 Risks Associated with Foreign Investments

Investing in securities issued by companies whose principal business activities are outside the United States may involve significant risks not present in domestic investments. For example, there is generally less publicly available information about foreign companies, particularly those not subject to the disclosure and reporting requirements of the U.S. securities laws. Certain foreign issuers are generally not bound by uniform accounting, auditing, and financial reporting requirements and standards of practice comparable to those applicable to domestic issuers. Investments in foreign securities also involve the risk of possible adverse changes in investment or exchange control regulations, expropriation or confiscatory taxation, limitation on the removal of funds or other assets of the Trust, political or financial instability or diplomatic and other developments which could affect such investments. Foreign securities markets, while growing in volume and sophistication, are generally not as developed as those in the United States, and securities of some foreign issuers (particularly those located in developing countries) may be less liquid and more volatile than securities of comparable U.S. companies. In general, there is less overall governmental supervision and regulation of foreign securities markets, broker/dealers and issuers than in the United States.

### 12 Credit Risk

The Trust invests primarily in below investment grade floating-rate loans and floating-rate debt obligations, which are considered speculative because of the credit risk of their issuers. Changes in economic conditions or other circumstances are more likely to reduce the capacity of issuers of these securities to make principal and interest payments. Such companies are more likely to default on their payments of interest and principal owed than issuers of investment grade bonds. An economic downturn generally leads to a higher non-payment rate, and a loan or other debt obligation may lose significant



## Eaton Vance

## Senior Income Trust

December 31, 2012

## Notes to Financial Statements (Unaudited) continued

value before a default occurs. Lower rated investments also may be subject to greater price volatility than higher rated investments. Moreover, the specific collateral used to secure a loan may decline in value or become illiquid, which would adversely affect the loan's value.

## 13 Fair Value Measurements

Under generally accepted accounting principles for fair value measurements, a three-tier hierarchy to prioritize the assumptions, referred to as inputs, is used in valuation techniques to measure fair value. The three-tier hierarchy of inputs is summarized in the three broad levels listed below.

Level 1 quoted prices in active markets for identical investments

Level 2 other significant observable inputs (including quoted prices for similar investments, interest rates, prepayment speeds, credit risk, etc.)

Level 3 significant unobservable inputs (including a fund's own assumptions in determining the fair value of investments)  
In cases where the inputs used to measure fair value fall in different levels of the fair value hierarchy, the level disclosed is determined based on the lowest level input that is significant to the fair value measurement in its entirety. The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities.

At December 31, 2012, the hierarchy of inputs used in valuing the Trust's investments and open derivative instruments, which are carried at value, were as follows:

Asset Description	Level 1	Level 2	Level 3*	Total
Senior Floating-Rate Interests (Less Unfunded Loan Commitments)	\$	\$ 383,335,115	\$ 832,246	\$ 384,167,361
Corporate Bonds & Notes		26,585,341	50,549	26,635,890
Asset-Backed Securities		3,350,454		3,350,454
Common Stocks	29,310	1,226,550	2,769,415	4,025,275
Warrants		11,969	0	11,969
Miscellaneous		15,142	276	15,418
Short-Term Investments		5,814,792		5,814,792
<b>Total Investments</b>	<b>\$ 29,310</b>	<b>\$ 420,339,363</b>	<b>\$ 3,652,486</b>	<b>\$ 424,021,159</b>
Forward Foreign Currency Exchange Contracts	\$	\$ 7,870	\$	\$ 7,870
<b>Total</b>	<b>\$ 29,310</b>	<b>\$ 420,347,233</b>	<b>\$ 3,652,486</b>	<b>\$ 424,029,029</b>
<b>Liability Description</b>				
Forward Foreign Currency Exchange Contracts	\$	\$ (181,801)	\$	\$ (181,801)
<b>Total</b>	<b>\$</b>	<b>\$ (181,801)</b>	<b>\$</b>	<b>\$ (181,801)</b>

## Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSRS

\* None of the unobservable inputs for Level 3 assets, individually or collectively, had a material impact on the Trust. Level 3 investments at the beginning and/or end of the period in relation to net assets were not significant and accordingly, a reconciliation of Level 3 assets for the six months ended December 31, 2012 is not presented.

At December 31, 2012, there were no investments transferred between Level 1 and Level 2 during the six months then ended.

## Eaton Vance

### Senior Income Trust

December 31, 2012

#### Annual Meeting of Shareholders

The Fund held its Annual Meeting of Shareholders on October 26, 2012. The following action was taken by the shareholders:

**Item 1:** The election of Scott E. Eston, Allen R. Freedman and Helen Frame Peters as Class II Trustees of the Fund and Ralph F. Verni as Class II APS Trustee of the Fund, each for a three-year term expiring in 2015 and Harriett Tee Taggart as a Class III Trustee of the Fund for a one-year term expiring in 2013. Mr. Verni was elected solely by holders of the Fund's APS.

Nominee for Trustee Elected by All Shareholders	Number of Shares		Broker Non-Vote*
	For	Withheld	
Scott E. Eston (Class II)	34,007,194	581,268	81
Allen R. Freedman (Class II)	33,953,963	634,580	0
Helen Frame Peters (Class II)	34,006,703	581,840	0
Harriett Tee Taggart (Class III)	33,992,886	595,657	0

Nominee for Trustee Elected by APS Shareholders	Number of Shares	
	For	Withheld
Ralph F. Verni (Class II)	2,305	214

\* Broker non-votes are shares for which (i) the beneficial owner has not voted and (ii) the broker holding the shares does not have discretionary authority to vote on the particular matter. Broker non-votes, which are treated as shares that are present at the meeting but which have not been voted, assist the Fund in obtaining a quorum but have no effect on the outcome of the proposal(s).

## Eaton Vance

### Senior Income Trust

December 31, 2012

#### Officers and Trustees

##### Officers of Eaton Vance Senior Income Trust

Scott H. Page

*President*

Payson F. Swaffield

*Vice President*

Barbara E. Campbell

*Treasurer*

Maureen A. Gemma

*Vice President, Secretary and Chief Legal Officer*

Paul M. O Neil

*Chief Compliance Officer*

##### Trustees of Eaton Vance Senior Income Trust

Ralph F. Verni

*Chairman*

Scott E. Eston

## Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSRS

Benjamin C. Esty

Thomas E. Faust Jr.\*

Allen R. Freedman

William H. Park

Ronald A. Pearlman

Helen Frame Peters

Lynn A. Stout

Harriett Tee Taggart

\* Interested Trustee

### **Number of Employees**

The Fund is organized as a Massachusetts business Trust and is registered under the Investment Company Act of 1940, as amended, as a closed-end management investment company and has no employees.

### **Number of Shareholders**

As of December 31, 2012, Fund records indicate that there are 136 registered shareholders and approximately 9,688 shareholders owning the Fund shares in street name, such as through brokers, banks, and financial intermediaries.

If you are a street name shareholder and wish to receive Fund reports directly, which contain important information about the Fund, please write or call:

Eaton Vance Distributors, Inc.

Two International Place

Boston, MA 02110

1-800-262-1122

### **New York Stock Exchange symbol**

The New York Stock Exchange symbol is EVF.

## Eaton Vance Funds

### 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](http://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, Eaton Vance Distributors, Inc., Eaton Vance Trust Company, Eaton Vance Management's Real Estate Investment Group and Boston Management and Research. In addition, 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 advisor/broker-dealer, it is likely that only such advisor'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 (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 advisor, may household the mailing of your documents indefinitely unless you instruct Eaton Vance, or your financial advisor, 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 advisor. 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 advisor.

**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](http://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](http://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 and by accessing the SEC's website at [www.sec.gov](http://www.sec.gov).

**Additional Notice to Shareholders.** A 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 a Fund will take such action or that such purchases would reduce the discount. If applicable, a Fund may also 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.

## Edgar Filing: EATON VANCE SENIOR INCOME TRUST - Form N-CSRS

**Closed-End Fund Information.** The Eaton Vance closed-end funds make certain fund performance data and information about portfolio characteristics (such as top holdings and asset allocation) available on the Eaton Vance website after the end of each month. Certain fund performance data for the funds, including total returns, are posted to the website shortly after the end of each month. Portfolio holdings for the most recent month-end are also posted to the website approximately 30 days following the end of the month. This information is available at [www.eatonvance.com](http://www.eatonvance.com) on the fund information pages under Individual Investors Closed-End Funds .

This Page Intentionally Left Blank



Investment Adviser and Administrator

**Eaton Vance Management**

Two International Place

Boston, MA 02110

Custodian

**State Street Bank and Trust Company**

200 Clarendon Street

Boston, MA 02116

Transfer Agent

**American Stock Transfer & Trust Company**

59 Maiden Lane

Plaza Level

New York, NY 10038

Fund Offices

Two International Place

Boston, MA 02110

171-2/13

SITSRC

**Item 2. Code of Ethics**

Not required in this filing.

**Item 3. Audit Committee Financial Expert**

The registrant's Board has designated William H. Park, an independent trustee, as its audit committee financial expert. Mr. Park is a certified public accountant who is a consultant and private investor. Previously, he served as the Chief Financial Officer of Aveon Group, L.P. (an investment management firm), as the Vice Chairman of Commercial Industrial Finance Corp. (specialty finance company), as President and Chief Executive Officer of Prizm Capital Management, LLC (investment management firm), as Executive Vice President and Chief Financial Officer of United Asset Management Corporation (an institutional investment management firm) and as a Senior Manager at Price Waterhouse (now PricewaterhouseCoopers) (an independent registered public accounting firm).

**Item 4. Principal Accountant Fees and Services**

Not required in this filing.

**Item 5. Audit Committee of Listed Registrants**

Not required in this filing.

**Item 6. Schedule of Investments**

Please see schedule of investments contained in the Report to Stockholders included under Item 1 of this Form N-CSR.

**Item 7. Disclosure of Proxy Voting Policies and Procedures for Closed-End Management Investment Companies**

Not required in this filing.

**Item 8. Portfolio Managers of Closed-End Management Investment Companies**

Not required in this filing.

**Item 9. Purchases of Equity Securities by Closed-End Management Investment Company and Affiliated Purchasers**

No such purchases this period.

**Item 10. Submission of Matters to a Vote of Security Holders**

No Material Changes.

**Item 11. Controls and Procedures**

(a) It is the conclusion of the registrant's principal executive officer and principal financial officer that the effectiveness of the registrant's current disclosure controls and procedures (such disclosure controls and procedures having been evaluated within 90 days of the date of this filing) provide reasonable assurance that the information required to be disclosed by the registrant has been recorded, processed, summarized and reported within the time period specified in the Commission's rules and forms and that the information required to be disclosed by the registrant has been accumulated and communicated to the registrant's principal executive officer and principal financial officer in order to allow timely decisions regarding required disclosure.

(b) There have been no changes in the registrant's internal controls over financial reporting during the second fiscal quarter of the period covered by this report that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

**Item 12. Exhibits**

(a)(1) Registrant's Code of Ethics Not applicable (please see Item 2).

(a)(2)(i) Treasurer's Section 302 certification.

(a)(2)(ii) President's Section 302 certification.

(b) Combined Section 906 certification.

**Signatures**

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Eaton Vance Senior Income Trust

By: /s/ Scott H. Page  
Scott H. Page  
President

Date: February 11, 2013

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By: /s/ Barbara E. Campbell  
Barbara E. Campbell  
Treasurer

Date: February 11, 2013

By: /s/ Scott H. Page  
Scott H. Page  
President

Date: February 11, 2013