

EATON VANCE SENIOR INCOME TRUST
Form N-CSR
August 24, 2012

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
Form N-CSR
CERTIFIED SHAREHOLDER REPORT OF REGISTERED
MANAGEMENT INVESTMENT COMPANIES
Investment Company Act File Number: 811-09013
Eaton Vance Senior Income Trust
(Exact Name of Registrant as Specified in Charter)
Two International Place, Boston, Massachusetts 02110
(Address of Principal Executive Offices)
Maureen A. Gemma
Two International Place, Boston, Massachusetts 02110
(Name and Address of Agent for Services)
(617) 482-8260
(Registrant's Telephone Number)
June 30
Date of Fiscal Year End
June 30, 2012
Date of Reporting Period

Item 1. Reports to Stockholders

Eaton Vance
Senior Income Trust (EVF)

Annual Report
June 30, 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.

Annual Report June 30, 2012

Eaton Vance

Senior Income Trust

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Eaton Vance

Senior Income Trust

June 30, 2012

Management's Discussion of Fund Performance

Economic and Market Conditions

The 12-month period ended June 30, 2012 was marked by significant market volatility, as investor sentiment seesawed in reaction to financial headlines. Changes in investor sentiment were in fact the primary driver of volatility in floating rate bank loans, as corporate fundamentals underlying the U.S. loan market remained strong throughout the period. The publicly traded firms in the S&P/LSTA Leveraged Loan Index (the Index),² reported average EBITDA (earnings before interest, taxes, depreciation, and amortization) growth in excess of 10% during the fiscal year. An industry default rate of 1.04% for the period, compared with a trailing 10-year average of about 3%, offered further evidence of strong U.S. corporate fundamentals.

The macroeconomic backdrop made investors alternately nervous and confident during the period. At the start of the fiscal year in July 2011, economic indicators were beginning to weaken. By late summer, the U.S. debt downgrade and a deteriorating global outlook helped create a strong risk-averse dynamic in the market, pushing prices down for floating rate loans. The Fed's stated intent to keep interest rates low into 2014 was another factor putting downward pressure on the asset class.

Beginning in October 2011, the market rebounded as improving U.S. economic indicators nudged investors to increase risk tolerance. Bank loans and high yield bonds, each rated below investment grade, were among the asset classes that benefited. This inclination toward assuming greater risk continued through the first quarter of 2012 and into April. But in the closing months of the period, evidence of slowing GDP and job growth combined with a deteriorating European outlook seemed to push investors back to a more fearful stance, and the bank loan market retreated again. For the one-year period as a whole, floating-rate bank loans, as measured by the Index, were in positive territory, up 3.42%.

Fund Performance

For the fiscal year ending June 30, 2012, Eaton Vance Senior Income Trust (the Fund) shares at net asset value (NAV) had a total return of 5.58%, outperforming the 3.42% return of the Index.

Under normal market conditions, the Fund invests at least 80% of its total assets in senior, secured floating-rate loans (senior loans). In keeping with the Fund's secondary goal of preservation of capital, management tends to overweight higher-rated loans relative to the Index—a strategy that may help results in a more cautious environment but detract from performance in a less cautious environment, when lower-rated investments generally outperform. Fundamental research drives the credit selection process, with the goal of producing a fundamentally stronger portfolio than the Index with fewer loan defaults.

The Fund may also invest in second-lien loans and high-yield bonds, and may employ leverage,⁵ which may increase risk and volatility. As of June 30, 2012, the Fund's investments included senior loans to 362 borrowers spanning 36 industries, with an average loan representing 0.25% of total investments, and no industry constituting more than 11.2% of total investments. Health care, business equipment and services, and electronics/electrical were the top three industry weightings.

The Fund's outperformance relative to the Index was due largely to the higher credit quality of its portfolio, which held up better when the market declined during the period, and to the use of leverage, which magnifies income and price volatility but during this period benefited performance. The Fund also benefited from investing in high yield bonds, which outperformed the bank loan market during the fiscal year; as of period end, high yield bonds constituted 5.2% of total investments. Another positive factor was the Fund's low default rate: less than 0.36% of the Fund's bank loan assets defaulted over the one-year period, compared with 1.04% of assets for the Index.

Within the Fund's bank loan investments, results relative to the Index were also aided by overweights in food/drug retailers sectors that outperformed during the period and by underweights in the utilities and publishing sectors, which underperformed.

In contrast, underweights in several strong-performing sectors dragged on results relative to the Index; these included financial intermediaries, building and development, and retailers other than food and drug firms.

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.

Eaton Vance
 Senior Income Trust
 June 30, 2012
 Portfolio Managers Scott H. Page, CFA and John Redding
 Performance^{2,3}

| % Average Annual Total Returns | Inception Date | One Year | Five Years | Ten Years |
|--|-----------------------|-----------------|-------------------|------------------|
| Fund at NAV | 10/30/1998 | 5.58% | 3.32% | 5.39% |
| Fund at Market Price | | 4.09 | 3.46 | 6.04 |
| S&P/LSTA Leveraged Loan Index | | 3.42% | 4.38% | 5.24% |
| % Premium/Discount to NAV | | | | -1.96% |
| Distributions⁴ | | | | |
| Total Distributions per share for the period | | | | \$0.441 |
| Distribution Rate at NAV | | | | 6.37% |
| Distribution Rate at Market Price | | | | 6.50% |
| % Total Leverage⁵ | | | | |
| Auction Preferred Shares (APS) | | | | 26.24% |
| Borrowings | | | | 10.97 |

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.

Eaton Vance
 Senior Income Trust
 June 30, 2012
 Fund Profile

Top 10 Holdings (% of total investments)⁶

| | |
|---------------------------------|-------|
| Intelsat Jackson Holdings S.A. | 1.2% |
| Rite Aid Corporation | 1.2 |
| Asurion LLC | 1.1 |
| Calpine Corp. (corporate bond) | 1.0 |
| Aramark Corporation | 1.0 |
| Alliance Boots Holdings Limited | 1.0 |
| Chrysler Group LLC | 1.0 |
| Community Health Systems, Inc. | 1.0 |
| SunGard Data Systems, Inc. | 0.8 |
| Telesat LLC | 0.8 |
| Total | 10.1% |

Top 10 Sectors (% of total investments)⁶

| | |
|---------------------------------|-------|
| Health Care | 11.2% |
| Business Equipment and Services | 8.2 |
| Electronics/Electrical | 6.5 |
| Leisure Goods/Activities/Movies | 4.9 |
| Automotive | 4.6 |
| Financial Intermediaries | 4.5 |
| Telecommunications | 4.3 |
| Food Products | 4.2 |
| Food Service | 4.0 |
| Publishing | 3.9 |
| Total | 56.3% |

Credit Quality (% of loan holdings)⁷

See Endnotes and Additional Disclosures in this report.

Eaton Vance

Senior Income Trust

June 30, 2012

Endnotes and Additional Disclosures

- ¹ The views expressed in this report are those of the portfolio manager(s) and are current only through the date stated at the top of this page. These views are subject to change at any time based upon market or other conditions, and Eaton Vance and the Fund(s) disclaim any responsibility to update such views. These views may not be relied upon as investment advice and, because investment decisions are based on many factors, may not be relied upon as an indication of trading intent on behalf of any Eaton Vance fund. This commentary may contain statements that are not historical facts, referred to as forward looking statements. The Fund's actual future results may differ significantly from those stated in any forward looking statement, depending on factors such as changes in securities or financial markets or general economic conditions, the volume of sales and purchases of Fund shares, the continuation of investment advisory, administrative and service contracts, and other risks discussed from time to time in the Fund's filings with the Securities and Exchange Commission.
- ² 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.
- ³ Performance results reflect the effects of leverage.
- ⁴ 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.
- ⁵ 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.
- ⁶ Excludes cash and cash equivalents.
- ⁷ 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

June 30, 2012

Portfolio of Investments

Senior Floating-Rate Interests 146.7%

| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|--|--|---------------------|
| Aerospace and Defense 2.4% | | |
| AVIO S.p.A. | | |
| Term Loan, Maturing December 13, 2014 ⁽²⁾ | 300 | \$ 292,800 |
| Term Loan, Maturing December 13, 2015 ⁽²⁾ | 325 | 317,200 |
| Term Loan, 4.13%, Maturing December 14, 2017 | EUR 275 | 347,142 |
| DAE Aviation Holdings, Inc. | | |
| Term Loan, 5.47%, Maturing July 31, 2014 | 695 | 687,798 |
| Term Loan, 5.47%, Maturing July 31, 2014 | 731 | 723,346 |
| Ducommun Incorporated | | |
| Term Loan, 5.50%, Maturing June 28, 2017 | 272 | 270,889 |
| IAP Worldwide Services, Inc. | | |
| Term Loan, 9.25%, Maturing December 28, 2012 | 910 | 787,011 |
| Sequa Corporation | | |
| Term Loan, 3.72%, Maturing December 3, 2014 | 397 | 389,280 |
| TASC, Inc. | | |
| Term Loan, 4.50%, Maturing December 18, 2015 | 741 | 729,140 |
| Transdigm, Inc. | | |
| Term Loan, 4.00%, Maturing February 14, 2017 | 398 | 397,005 |
| Term Loan, 4.00%, Maturing February 14, 2017 | 1,081 | 1,081,888 |
| Wyle Services Corporation | | |
| Term Loan, 5.00%, Maturing March 27, 2017 | 394 | 389,939 |
| | | \$ 6,413,438 |

Air Transport 0.6%

| | | |
|---|-------|---------------------|
| Evergreen International Aviation, Inc. | | |
| Term Loan, 11.50%, Maturing June 30, 2015 | 424 | \$ 367,486 |
| Orbitz Worldwide Inc. | | |
| Term Loan, 3.25%, Maturing July 25, 2014 | 1,372 | 1,295,216 |
| | | \$ 1,662,702 |

Automotive 7.3%

| | | |
|---|-------|----------------------|
| Allison Transmission, Inc. | | |
| Term Loan, 2.75%, Maturing August 7, 2014 | 2,347 | \$ 2,323,894 |
| Autoparts Holdings Limited | | |
| Term Loan, 6.50%, Maturing July 28, 2017 | 696 | 673,420 |
| Chrysler Group LLC | | |
| Term Loan, 6.00%, Maturing May 24, 2017 | 4,087 | 4,122,984 |
| Delphi Corporation | | |
| Term Loan, 3.50%, Maturing March 31, 2017 | 936 | 935,737 |
| Federal-Mogul Corporation | | |
| Term Loan, 2.18%, Maturing December 29, 2014 | 2,198 | 2,096,349 |
| Term Loan, 2.18%, Maturing December 28, 2015 | 574 | 547,989 |
| Goodyear Tire & Rubber Company (The) | | |
| Term Loan - Second Lien, 4.75%, Maturing April 30, 2019 | 3,375 | 3,303,281 |
| HHI Holdings LLC | | |
| Term Loan, 7.00%, Maturing March 21, 2017 | 371 | 373,103 |
| Metaldyne Company LLC | | |
| Term Loan, 5.25%, Maturing May 18, 2017 | 1,262 | 1,252,082 |
| SRAM, LLC | | |
| Term Loan, 4.78%, Maturing June 7, 2018 | 625 | 622,588 |
| Tomkins LLC | | |
| Term Loan, 4.25%, Maturing September 29, 2016 | 962 | 962,348 |
| TriMas Corporation | | |
| Term Loan, 4.25%, Maturing June 21, 2017 | 508 | 508,083 |
| Veyance Technologies, Inc. | | |
| Term Loan, 2.50%, Maturing July 31, 2014 | 100 | 97,552 |
| Term Loan, 2.50%, Maturing July 31, 2014 | 700 | 681,076 |
| Term Loan, 5.50%, Maturing July 31, 2014 | 175 | 172,817 |
| Term Loan - Second Lien, 6.00%, Maturing July 31, 2015 | 425 | 396,490 |
| | | \$ 19,069,793 |

Beverage and Tobacco 0.0%

Maine Beverage Company

| | | | |
|---|----|----|---------------|
| Term Loan, 2.22%, Maturing March 31, 2013 | 51 | \$ | 50,374 |
| | | | |
| | | \$ | 50,374 |

Building and Development 1.2%

Armstrong World Industries, Inc.

| | | | |
|--|-----|----|---------|
| Term Loan, 4.00%, Maturing March 9, 2018 | 446 | \$ | 442,541 |
|--|-----|----|---------|

Goodman Global Inc.

| | | | |
|---|-----|--|---------|
| Term Loan, 5.75%, Maturing October 28, 2016 | 838 | | 839,007 |
|---|-----|--|---------|

Panoram Industries International, Inc.

| | | | |
|--|-----|--|---------|
| Term Loan, 8.25%, Maturing December 31, 2013 | 429 | | 425,090 |
|--|-----|--|---------|

Preferred Sands Holding Company, LLC

| | | | |
|--|-----|--|---------|
| Term Loan, 7.50%, Maturing December 15, 2016 | 373 | | 359,133 |
|--|-----|--|---------|

RE/MAX International, Inc.

| | | | |
|---|-----|--|---------|
| Term Loan, 5.50%, Maturing April 15, 2016 | 838 | | 836,138 |
|---|-----|--|---------|

Summit Materials Companies I, LLC

| | | | |
|---|-----|--|---------|
| Term Loan, 6.00%, Maturing January 30, 2019 | 249 | | 250,206 |
|---|-----|--|---------|

\$ 3,152,115

Business Equipment and Services 13.1%

ACCO Brands Corporation

| | | | |
|---|-----|----|---------|
| Term Loan, 4.25%, Maturing April 30, 2019 | 249 | \$ | 248,750 |
|---|-----|----|---------|

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2012

Portfolio of Investments continued

| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|---|--|------------|
| Business Equipment and Services (continued) | | |
| Acosta, Inc. | | |
| Term Loan, 4.75%, Maturing March 1, 2018 | 636 | \$ 632,855 |
| Term Loan, Maturing March 1, 2018 ⁽²⁾ | 350 | 351,313 |
| Axiom Corporation | | |
| Term Loan, 3.44%, Maturing March 15, 2015 | 356 | 353,824 |
| Advantage Sales & Marketing, Inc. | | |
| Term Loan, 5.25%, Maturing December 18, 2017 | 1,409 | 1,396,274 |
| Affinion Group, Inc. | | |
| Term Loan, 5.00%, Maturing July 16, 2015 | 2,276 | 2,078,505 |
| Allied Security Holdings, LLC | | |
| Term Loan, 5.25%, Maturing February 3, 2017 | 494 | 493,133 |
| Altegrity, Inc. | | |
| Term Loan, 7.75%, Maturing February 20, 2015 | 336 | 333,942 |
| Term Loan, 2.99%, Maturing February 21, 2015 | 709 | 671,927 |
| BAR/BRI Review Courses, Inc. | | |
| Term Loan, 6.00%, Maturing June 16, 2017 | 327 | 325,085 |
| Brand Energy & Infrastructure Services, Inc. | | |
| Term Loan, 2.50%, Maturing February 7, 2014 | 455 | 427,981 |
| Term Loan, 3.73%, Maturing February 7, 2014 | 389 | 367,683 |
| Brickman Group Holdings Inc. | | |
| Term Loan, 5.50%, Maturing October 14, 2016 | 701 | 702,355 |
| Brock Holdings III, Inc. | | |
| Term Loan, 6.01%, Maturing March 16, 2017 | 575 | 575,557 |
| ClientLogic Corporation | | |
| Term Loan, 7.13%, Maturing January 30, 2017 | 586 | 659,515 |
| Term Loan, 7.22%, Maturing January 30, 2017 | 303 | 293,256 |
| DynCorp International LLC | | |
| Term Loan, 6.29%, Maturing July 7, 2016 | 329 | 329,563 |
| Education Management LLC | | |
| Term Loan, 8.25%, Maturing March 29, 2018 | 1,047 | 1,021,306 |

| | | |
|---|---------|-----------|
| EIG Investors Corp. | | |
| Term Loan, 7.75%, Maturing April 20, 2018 | 550 | 547,250 |
| Expert Global Solutions, Inc. | | |
| Term Loan, 8.00%, Maturing April 3, 2018 | 998 | 993,759 |
| Genesys Telecom Holdings, U.S., Inc. | | |
| Term Loan, 6.75%, Maturing January 31, 2019 | 324 | 326,078 |
| Go Daddy Operating Company, LLC | | |
| Term Loan, 5.50%, Maturing December 17, 2018 | 720 | 710,928 |
| IMS Health Incorporated | | |
| Term Loan, 4.50%, Maturing August 25, 2017 | 857 | 854,065 |
| KAR Auction Services, Inc. | | |
| Term Loan, 5.00%, Maturing May 19, 2017 | 1,436 | 1,439,807 |
| Kronos, Inc. | | |
| Term Loan, 5.22%, Maturing June 9, 2017 | 543 | 542,623 |
| Term Loan, 6.25%, Maturing December 28, 2017 | 423 | 424,191 |
| Term Loan - Second Lien, 10.46%, Maturing June 11, 2018 | 500 | 505,938 |
| Language Line, LLC | | |
| Term Loan, 6.25%, Maturing June 20, 2016 | 1,030 | 1,022,415 |
| Meritas LLC | | |
| Term Loan, 7.50%, Maturing July 28, 2017 | 383 | 381,544 |
| Mitchell International, Inc. | | |
| Term Loan - Second Lien, 5.75%, Maturing March 30, 2015 | 500 | 488,750 |
| Monitronics International Inc. | | |
| Term Loan, 5.50%, Maturing March 16, 2018 | 424 | 423,673 |
| Quintiles Transnational Corp. | | |
| Term Loan, 5.00%, Maturing June 8, 2018 | 2,153 | 2,131,717 |
| Sabre, Inc. | | |
| Term Loan, 2.25%, Maturing September 30, 2014 | 2,576 | 2,467,551 |
| Sensus USA Inc. | | |
| Term Loan, 4.75%, Maturing May 9, 2017 | 346 | 344,473 |
| Softlayer Technologies, Inc. | | |
| Term Loan, 7.25%, Maturing November 5, 2016 | 320 | 318,925 |
| SunGard Data Systems, Inc. | | |
| Term Loan, 3.93%, Maturing February 26, 2016 | 1,328 | 1,318,496 |
| Term Loan, 3.99%, Maturing February 28, 2017 | 2,163 | 2,146,887 |
| SymphonyIRI Group, Inc. | | |
| Term Loan, 5.00%, Maturing December 1, 2017 | 421 | 418,909 |
| Trans Union, LLC | | |
| Term Loan, 5.50%, Maturing February 12, 2018 | 1,933 | 1,937,920 |
| Travelport LLC | | |
| Term Loan, 4.96%, Maturing August 21, 2015 | 299 | 274,343 |
| Term Loan, 4.97%, Maturing August 21, 2015 | 1,103 | 1,013,228 |
| Term Loan, 5.18%, Maturing August 21, 2015 | EUR 371 | 418,809 |
| U.S. Security Holdings, Inc. | | |
| Term Loan, 6.00%, Maturing July 28, 2017 | 61 | 61,048 |
| Term Loan, 6.00%, Maturing July 28, 2017 | 312 | 311,911 |
| West Corporation | | |
| Term Loan, 4.50%, Maturing July 15, 2016 | 358 | 356,197 |
| Term Loan, 4.59%, Maturing July 15, 2016 | 1,018 | 1,013,402 |

\$ 34,457,661

Cable and Satellite Television 5.5%

Atlantic Broadband Finance, LLC

Term Loan, 5.25%, Maturing April 4, 2019

650

\$ 652,161

Term Loan - Second Lien, 9.75%, Maturing October 4, 2019

400

396,833

See Notes to Financial Statements.

7

Eaton Vance
Senior Income Trust

June 30, 2012

Portfolio of Investments continued

| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|--|--|------------|
| Cable and Satellite Television (continued) | | |
| BBHI Acquisition LLC | | |
| Term Loan, 4.50%, Maturing December 14, 2017 | 616 | \$ 611,005 |
| Bragg Communications Incorporated | | |
| Term Loan, 4.00%, Maturing February 28, 2018 | 200 | 199,001 |
| Cequel Communications, LLC | | |
| Term Loan, 4.00%, Maturing February 14, 2019 | 2,219 | 2,177,823 |
| Crown Media Holdings, Inc. | | |
| Term Loan, 5.75%, Maturing July 14, 2018 | 227 | 226,100 |
| CSC Holdings, Inc. | | |
| Term Loan, 2.00%, Maturing March 29, 2016 | 1,935 | 1,915,497 |
| Kabel Deutschland GMBH | | |
| Term Loan, 4.25%, Maturing February 1, 2019 | 550 | 545,302 |
| Lavena Holdings 4 GmbH | | |
| Term Loan, 3.68%, Maturing March 6, 2015 | EUR 521 | 562,706 |
| Term Loan, 4.06%, Maturing March 4, 2016 | EUR 521 | 562,706 |
| Term Loan, 8.43%, Maturing March 6, 2017 ⁽⁷⁾ | EUR 212 | 174,300 |
| Term Loan - Second Lien, 5.18%, Maturing September 2, 2016 | EUR 271 | 258,882 |
| MCC Iowa LLC | | |
| Term Loan, 1.95%, Maturing January 30, 2015 | 789 | 761,630 |
| Mediacom Broadband LLC | | |
| Term Loan, 4.50%, Maturing October 23, 2017 | 735 | 732,244 |
| Mediacom Illinois, LLC | | |
| Term Loan, 1.95%, Maturing January 30, 2015 | 1,866 | 1,794,053 |
| Mediacom LLC | | |
| Term Loan, 4.50%, Maturing October 23, 2017 | 392 | 389,550 |
| UPC Broadband Holding B.V. | | |
| Term Loan, 4.14%, Maturing December 31, 2016 | EUR 726 | 903,482 |
| UPC Financing Partnership | | |
| Term Loan, 3.74%, Maturing December 30, 2016 | 379 | 375,210 |
| Term Loan, 3.74%, Maturing December 29, 2017 | 1,037 | 1,019,108 |

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| | | |
|---|-------|----------------------|
| Term Loan, 4.75%, Maturing December 29, 2017 | 200 | 199,250 |
| | | \$ 14,456,843 |
| Chemicals and Plastics 5.2% | | |
| AZ Chem US Inc. | | |
| Term Loan, 7.25%, Maturing December 22, 2017 | 583 | \$ 587,472 |
| Emerald Performance Materials, LLC | | |
| Term Loan, 6.75%, Maturing May 18, 2018 | 350 | 348,688 |
| General Chemical Corporation | | |
| Term Loan, 5.00%, Maturing October 6, 2015 | 270 | 269,167 |
| Harko C.V. | | |
| Term Loan, 5.75%, Maturing August 2, 2017 | 496 | 496,663 |
| Houghton International, Inc. | | |
| Term Loan, 6.75%, Maturing January 29, 2016 | 418 | 419,955 |
| Huntsman International, LLC | | |
| Term Loan, 2.55%, Maturing June 30, 2016 | 846 | 831,581 |
| Term Loan, 2.85%, Maturing April 19, 2017 | 619 | 607,270 |
| Ineos US Finance LLC | | |
| Term Loan, 6.50%, Maturing May 4, 2018 | 1,746 | 1,711,585 |
| Momentive Performance Materials Inc. | | |
| Term Loan, 3.75%, Maturing May 29, 2015 | 324 | 308,383 |
| Momentive Performance Materials USA Inc. | | |
| Term Loan, 3.75%, Maturing May 5, 2015 | 442 | 423,802 |
| Momentive Specialty Chemicals Inc. | | |
| Term Loan, 4.00%, Maturing May 5, 2015 | 714 | 697,226 |
| Term Loan, 4.25%, Maturing May 5, 2015 | 322 | 314,261 |
| Term Loan, 4.25%, Maturing May 5, 2015 | 475 | 448,875 |
| Norit NV | | |
| Term Loan, 6.75%, Maturing July 7, 2017 | 620 | 623,414 |
| PolyOne Corp. | | |
| Term Loan, 5.00%, Maturing December 20, 2017 | 323 | 324,386 |
| Rockwood Specialties Group, Inc. | | |
| Term Loan, 3.50%, Maturing February 9, 2018 | 643 | 644,055 |
| Styron S.A.R.L., LLC | | |
| Term Loan, 6.06%, Maturing August 2, 2017 | 1,675 | 1,573,332 |
| Tronox Pigments (Netherlands) B.V. | | |
| Term Loan, 4.25%, Maturing February 8, 2018 | 91 | 89,620 |
| Term Loan, 4.25%, Maturing February 8, 2018 | 334 | 329,233 |
| Univar Inc. | | |
| Term Loan, 5.00%, Maturing June 30, 2017 | 2,746 | 2,696,007 |
| | | \$ 13,744,975 |

Clothing / Textiles 0.1%

Phillips-Van Heusen Corporation

| | | |
|--|-----|-------------------|
| Term Loan, 3.50%, Maturing May 6, 2016 | 271 | \$ 271,185 |
| | | \$ 271,185 |

Conglomerates 2.7%

Jason Incorporated

| | | |
|---|-----|------------|
| Term Loan, 8.25%, Maturing September 21, 2014 | 114 | \$ 113,265 |
| Term Loan, 7.75%, Maturing September 22, 2014 | 99 | 98,951 |
| Term Loan, 8.25%, Maturing September 22, 2014 | 46 | 45,447 |

Rexnord Corporation

| | | |
|--|-------|-----------|
| Term Loan, 5.00%, Maturing April 2, 2018 | 1,671 | 1,681,603 |
|--|-------|-----------|

RGIS Services, LLC

| | | |
|---|-------|-----------|
| Term Loan, 4.71%, Maturing October 18, 2016 | 1,928 | 1,869,710 |
| Term Loan, 5.50%, Maturing October 18, 2017 | 698 | 692,140 |

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2012

Portfolio of Investments continued

| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|--|--|---------------------|
| Conglomerates (continued) | | |
| Rocket Software, Inc. | | |
| Term Loan, 7.00%, Maturing February 8, 2018 | 224 | \$ 223,409 |
| Term Loan - Second Lien, 10.25%, Maturing February 8, 2019 | 250 | 248,750 |
| Spectrum Brands, Inc. | | |
| Term Loan, 5.00%, Maturing June 17, 2016 | 1,111 | 1,115,204 |
| Walter Energy, Inc. | | |
| Term Loan, 4.00%, Maturing April 2, 2018 | 1,069 | 1,048,647 |
| | | \$ 7,137,126 |
| Containers and Glass Products 2.5% | | |
| Berry Plastics Corporation | | |
| Term Loan, 2.25%, Maturing April 3, 2015 | 948 | \$ 915,522 |
| BWAY Corporation | | |
| Term Loan, 4.50%, Maturing February 23, 2018 | 72 | 71,584 |
| Term Loan, 4.50%, Maturing February 23, 2018 | 714 | 710,291 |
| Hilex Poly Co. LLC | | |
| Term Loan, 11.25%, Maturing November 16, 2015 | 395 | 402,662 |
| Pelican Products, Inc. | | |
| Term Loan, 5.00%, Maturing March 7, 2017 | 354 | 351,835 |
| Term Loan, 0.00%, Maturing June 6, 2018 ⁽⁴⁾ | 250 | 248,750 |
| Reynolds Group Holdings Inc. | | |
| Term Loan, 6.50%, Maturing February 9, 2018 | 889 | 895,821 |
| Term Loan, 6.50%, Maturing August 9, 2018 | 2,381 | 2,399,371 |
| Sealed Air Corporation | | |

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| | | |
|--|-----|---------|
| Term Loan, 4.75%, Maturing October 3, 2018 | 319 | 321,867 |
| TricorBraun, Inc. | | |
| Term Loan, 5.50%, Maturing May 3, 2018 | 325 | 325,271 |

\$ 6,642,974

Cosmetics / Toiletries 0.7%

Bausch & Lomb, Inc.

| | | |
|--|-------|--------------|
| Term Loan, 5.25%, Maturing May 17, 2019 | 1,500 | \$ 1,493,438 |
| KIK Custom Products, Inc. | | |
| Term Loan - Second Lien, 5.24%, Maturing November 28, 2014 | 525 | 356,475 |

\$ 1,849,913

Drugs 1.4%

Aptalis Pharma, Inc.

| | | |
|--|-----|------------|
| Term Loan, 5.50%, Maturing February 10, 2017 | 249 | \$ 242,517 |
| Term Loan, 5.50%, Maturing February 10, 2017 | 788 | 766,330 |

Capsugel Holdings US, Inc.

| | | |
|---|-----|---------|
| Term Loan, 5.25%, Maturing August 1, 2018 | 617 | 618,985 |
|---|-----|---------|

Endo Pharmaceuticals Holdings Inc.

| | | |
|--|-----|---------|
| Term Loan, 4.00%, Maturing June 18, 2018 | 258 | 258,370 |
|--|-----|---------|

Warner Chilcott Company, LLC

| | | |
|---|-----|---------|
| Term Loan, 4.25%, Maturing March 15, 2018 | 406 | 405,052 |
|---|-----|---------|

Warner Chilcott Corporation

| | | |
|---|-----|---------|
| Term Loan, 4.25%, Maturing March 15, 2018 | 813 | 810,105 |
|---|-----|---------|

WC Luxco S.a.r.l.

| | | |
|---|-----|---------|
| Term Loan, 4.25%, Maturing March 15, 2018 | 559 | 556,947 |
|---|-----|---------|

\$ 3,658,306

Electronics / Electrical 10.4%

Aeroflex Incorporated

| | | |
|--|-----|------------|
| Term Loan, 5.75%, Maturing May 9, 2018 | 806 | \$ 779,459 |
|--|-----|------------|

Aspect Software, Inc.

| | | |
|--|-----|---------|
| Term Loan, 6.25%, Maturing May 6, 2016 | 718 | 712,044 |
|--|-----|---------|

| | | |
|--|-------|-----------|
| Attachmate Corporation | | |
| Term Loan, 7.25%, Maturing November 22, 2017 | 1,575 | 1,558,463 |
| Cinedigm Digital Funding I, LLC | | |
| Term Loan, 5.25%, Maturing April 29, 2016 | 237 | 236,916 |
| CommScope, Inc. | | |
| Term Loan, 4.25%, Maturing January 12, 2018 | 1,062 | 1,058,909 |
| Dealer Computer Services, Inc. | | |
| Term Loan, 3.75%, Maturing April 20, 2018 | 936 | 931,718 |
| DG FastChannel, Inc. | | |
| Term Loan, 5.75%, Maturing July 26, 2018 | 775 | 766,912 |
| Eagle Parent, Inc. | | |
| Term Loan, 5.00%, Maturing May 16, 2018 | 1,312 | 1,295,353 |
| Edwards (Cayman Islands II) Limited | | |
| Term Loan, 5.50%, Maturing May 31, 2016 | 537 | 532,680 |
| FCI International | | |
| Term Loan, 3.62%, Maturing November 1, 2013 | 65 | 63,835 |
| Term Loan, 3.62%, Maturing November 1, 2013 | 65 | 63,835 |
| Term Loan, 3.62%, Maturing November 1, 2013 | 68 | 66,307 |
| Term Loan, 3.62%, Maturing November 1, 2013 | 68 | 66,307 |
| Freescal Semiconductor, Inc. | | |
| Term Loan, 4.49%, Maturing December 1, 2016 | 1,778 | 1,685,428 |
| Lawson Software Inc. | | |
| Term Loan, 6.25%, Maturing April 5, 2018 | 2,575 | 2,591,248 |
| Magic Newco LLC | | |
| Term Loan, 7.25%, Maturing December 20, 2019 | 700 | 687,050 |
| Microsemi Corporation | | |
| Term Loan, 4.00%, Maturing February 2, 2018 | 794 | 785,102 |
| NDS Treasury (Americas), LLC | | |
| Term Loan, 3.75%, Maturing March 12, 2018 | 691 | 690,369 |

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2012

Portfolio of Investments continued

| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|--|--|------------|
| Electronics / Electrical (continued) | | |
| NeuStar, Inc. | | |
| Term Loan, 5.00%, Maturing November 8, 2018 | 496 | \$ 496,870 |
| Nxp B.V. | | |
| Term Loan, 4.50%, Maturing March 3, 2017 | 1,358 | 1,341,689 |
| Term Loan, 5.50%, Maturing March 3, 2017 | 521 | 521,714 |
| Term Loan, 5.25%, Maturing March 19, 2019 | 823 | 820,880 |
| Open Solutions, Inc. | | |
| Term Loan, 2.60%, Maturing January 23, 2014 | 1,137 | 1,077,152 |
| Rovi Solutions Corporation | | |
| Term Loan, 4.00%, Maturing March 28, 2019 | 399 | 396,995 |
| Semtech Corp | | |
| Term Loan, 4.25%, Maturing March 20, 2017 | 200 | 200,000 |
| Sensata Technologies Finance Company, LLC | | |
| Term Loan, 4.00%, Maturing May 11, 2018 | 1,782 | 1,772,534 |
| Serena Software, Inc. | | |
| Term Loan, 4.24%, Maturing March 10, 2016 | 715 | 700,427 |
| Term Loan, 5.00%, Maturing March 10, 2016 | 175 | 174,563 |
| Shield Finance Co. S.A.R.L. | | |
| Term Loan, 6.50%, Maturing May 10, 2019 | 500 | 493,750 |
| SkillSoft Corporation | | |
| Term Loan, 6.50%, Maturing May 26, 2017 | 124 | 125,303 |
| Term Loan, 6.50%, Maturing May 26, 2017 | 489 | 493,649 |
| Sophia, L.P. | | |
| Term Loan, 6.25%, Maturing July 19, 2018 | 698 | 703,705 |
| SS&C Technologies Inc. | | |
| Term Loan, 5.00%, Maturing June 7, 2019 | 70 | 70,115 |
| Term Loan, 5.00%, Maturing June 7, 2019 | 680 | 677,776 |
| Sunquest Information Systems, Inc. | | |
| Term Loan, 6.25%, Maturing December 16, 2016 | 371 | 372,178 |
| VeriFone Inc. | | |

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| | | |
|--|-------|----------------------|
| Term Loan, 4.25%, Maturing December 28, 2018 Vertafore, Inc. | 249 | 248,230 |
| Term Loan, 5.25%, Maturing July 29, 2016 Web.com Group, Inc. | 1,065 | 1,061,753 |
| Term Loan, 7.00%, Maturing October 27, 2017 | 1,065 | 1,063,827 |
| | | \$ 27,385,045 |

Equipment Leasing 1.1%

| | | |
|---|-------|---------------------|
| BakerCorp International, Inc. | | |
| Term Loan, 4.75%, Maturing June 1, 2018 | 422 | \$ 420,758 |
| Delos Aircraft Inc. | | |
| Term Loan, 4.75%, Maturing April 12, 2016 | 650 | 654,063 |
| Flying Fortress Inc. | | |
| Term Loan, 5.00%, Maturing June 30, 2017 | 1,700 | 1,710,625 |
| | | \$ 2,785,446 |

Farming / Agriculture 0.1%

| | | |
|--|-----|-------------------|
| Wm. Bolthouse Farms, Inc. | | |
| Term Loan, 5.50%, Maturing February 11, 2016 | 298 | \$ 299,215 |
| | | \$ 299,215 |

Financial Intermediaries 7.0%

| | | |
|---|-------|------------|
| AmWINS Group, Inc. | | |
| Term Loan, 5.75%, Maturing June 6, 2019 | 500 | \$ 500,000 |
| Term Loan - Second Lien, 9.25%, Maturing December 6, 2019 | 1,650 | 1,629,375 |
| Asset Acceptance Capital Corp. | | |
| Term Loan, 8.75%, Maturing November 14, 2017 | 634 | 627,412 |
| CB Richard Ellis Services, Inc. | | |
| Term Loan, 3.50%, Maturing March 5, 2018 | 344 | 340,879 |
| Term Loan, 3.74%, Maturing September 4, 2019 | 325 | 321,536 |
| Citco III Limited | | |
| Term Loan, 5.50%, Maturing June 29, 2018 | 1,339 | 1,325,598 |
| First Data Corporation | | |

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| | | |
|--|-------|-----------|
| Term Loan, 3.00%, Maturing September 24, 2014 | 245 | 235,222 |
| Term Loan, 3.00%, Maturing September 24, 2014 | 992 | 954,261 |
| Term Loan, 3.00%, Maturing September 24, 2014 | 1,000 | 961,563 |
| Term Loan, 4.25%, Maturing March 23, 2018 | 1,020 | 939,317 |
| Grosvenor Capital Management Holdings, LLP | | |
| Term Loan, 4.25%, Maturing December 5, 2016 | 1,097 | 1,079,376 |
| Hamilton Lane Advisors, LLC | | |
| Term Loan, 6.50%, Maturing February 23, 2018 | 370 | 370,313 |
| Harbourvest Partners, LLC | | |
| Term Loan, 6.25%, Maturing December 16, 2016 | 505 | 503,479 |
| iPayment, Inc. | | |
| Term Loan, 5.75%, Maturing May 8, 2017 | 959 | 964,287 |
| LPL Holdings, Inc. | | |
| Term Loan, 2.75%, Maturing March 29, 2017 | 395 | 382,409 |
| Term Loan, 4.00%, Maturing March 29, 2019 | 1,546 | 1,535,495 |
| Mercury Payment Systems Canada, LLC | | |
| Term Loan, 5.50%, Maturing July 3, 2017 | 322 | 323,359 |
| Nuveen Investments, Inc. | | |
| Term Loan, 5.96%, Maturing May 12, 2017 | 1,412 | 1,391,616 |
| Term Loan, 5.96%, Maturing May 13, 2017 | 1,209 | 1,189,689 |
| Term Loan, 7.25%, Maturing May 13, 2017 | 225 | 225,000 |
| Oz Management LP | | |
| Term Loan, Maturing November 15, 2016 ⁽²⁾ | 675 | 587,250 |

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2012

Portfolio of Investments continued

| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|---|--|----------------------|
| Financial Intermediaries (continued) | | |
| RJO Holdings Corp. | | |
| Term Loan, 6.25%, Maturing December 10, 2015 ⁽⁵⁾ | 4 | \$ 3,038 |
| Term Loan, 7.00%, Maturing December 10, 2015 ⁽⁵⁾ | 117 | 90,998 |
| RPI Finance Trust | | |
| Term Loan, 4.00%, Maturing May 9, 2018 | 1,754 | 1,742,001 |
| Vantiv, LLC | | |
| Term Loan, 3.75%, Maturing February 27, 2019 | 249 | 249,063 |
| | | \$ 18,472,536 |
| | | |
| Food Products 6.7% | | |
| Clearwater Seafoods Limited Partnership | | |
| Term Loan, 6.75%, Maturing June 6, 2018 | 525 | \$ 524,672 |
| Dean Foods Company | | |
| Term Loan, 1.63%, Maturing April 2, 2014 | 1,282 | 1,261,048 |
| Del Monte Foods Company | | |
| Term Loan, 4.50%, Maturing March 8, 2018 | 3,214 | 3,170,050 |
| Dole Food Company Inc. | | |
| Term Loan, 5.04%, Maturing July 6, 2018 | 1,180 | 1,180,574 |
| Hearthside Food Solutions, LLC | | |
| Term Loan, 6.50%, Maturing June 5, 2018 | 600 | 600,000 |
| High Liner Foods Incorporated | | |
| Term Loan, 7.00%, Maturing December 19, 2017 | 323 | 324,183 |
| JBS USA Holdings Inc. | | |
| Term Loan, 4.25%, Maturing May 25, 2018 | 992 | 965,194 |

Michael Foods Group, Inc.

| | | |
|--|-----|---------|
| Term Loan, 4.25%, Maturing February 23, 2018 | 822 | 820,805 |
|--|-----|---------|

NBTY, Inc.

| | | |
|--|-------|-----------|
| Term Loan, 4.25%, Maturing October 2, 2017 | 2,883 | 2,876,749 |
|--|-------|-----------|

Pierre Foods, Inc.

| | | |
|---|-----|---------|
| Term Loan, 7.00%, Maturing September 30, 2016 | 914 | 918,109 |
|---|-----|---------|

Pinnacle Foods Finance LLC

| | | |
|--|-------|-----------|
| Term Loan, 2.77%, Maturing April 2, 2014 | 2,890 | 2,878,381 |
|--|-------|-----------|

Solvest Ltd.

| | | |
|---|-------|-----------|
| Term Loan, 5.02%, Maturing July 6, 2018 | 2,111 | 2,112,610 |
|---|-------|-----------|

\$ 17,632,375

Food Service 6.3%

Aramark Corporation

| | | |
|--|-------|--------------|
| Term Loan, 3.50%, Maturing July 26, 2016 | 2,386 | \$ 2,367,581 |
|--|-------|--------------|

| | | |
|--|----|--------|
| Term Loan, 3.50%, Maturing July 26, 2016 | 88 | 87,396 |
|--|----|--------|

| | | |
|--|-----|---------|
| Term Loan, 3.50%, Maturing July 26, 2016 | 157 | 155,704 |
|--|-----|---------|

| | | |
|--|-------|-----------|
| Term Loan, 3.65%, Maturing July 26, 2016 | 1,081 | 1,071,871 |
|--|-------|-----------|

| | | |
|--|---------|---------|
| Term Loan, 4.27%, Maturing July 26, 2016 | GBP 475 | 732,143 |
|--|---------|---------|

Buffets, Inc.

| | | |
|--|-----|---------|
| Term Loan, 0.00%, Maturing April 21, 2015 ⁽⁶⁾ | 624 | 276,526 |
|--|-----|---------|

| | | |
|--|----|--------|
| Term Loan, 0.00%, Maturing April 22, 2015 ⁽⁶⁾ | 68 | 30,272 |
|--|----|--------|

Burger King Corporation

| | | |
|---|-------|-----------|
| Term Loan, 4.50%, Maturing October 19, 2016 | 2,238 | 2,231,014 |
|---|-------|-----------|

DineEquity, Inc.

| | | |
|---|-------|-----------|
| Term Loan, 4.25%, Maturing October 19, 2017 | 1,557 | 1,551,354 |
|---|-------|-----------|

Dunkin' Brands, Inc.

| | | |
|--|-------|-----------|
| Term Loan, 4.00%, Maturing November 23, 2017 | 1,341 | 1,324,596 |
|--|-------|-----------|

Landry's, Inc.

| | | |
|---|-----|---------|
| Term Loan, 6.50%, Maturing April 24, 2018 | 673 | 675,837 |
|---|-----|---------|

NPC International, Inc.

| | | |
|--|-----|---------|
| Term Loan, 5.25%, Maturing December 28, 2018 | 349 | 349,998 |
|--|-----|---------|

OSI Restaurant Partners, LLC

| | | |
|--|-----|---------|
| Term Loan, 2.49%, Maturing June 14, 2013 | 236 | 232,288 |
|--|-----|---------|

| | | |
|--|-------|-----------|
| Term Loan, 2.56%, Maturing June 14, 2014 | 2,334 | 2,298,950 |
|--|-------|-----------|

P.F. Chang's China Bistro Inc.

| | | |
|--|-----|---------|
| Term Loan, Maturing June 25, 2019 ⁽²⁾ | 200 | 200,938 |
|--|-----|---------|

U.S. Foodservice, Inc.

| | | |
|---|-------|-----------|
| Term Loan, 5.75%, Maturing March 31, 2017 | 1,493 | 1,445,888 |
|---|-------|-----------|

Weight Watchers International, Inc.

| | | |
|---|-----|---------|
| Term Loan, 3.75%, Maturing March 15, 2019 | 675 | 661,162 |
|---|-----|---------|

Wendy's International, Inc.

| | | |
|--|-----|---------|
| Term Loan, 0.50%, Maturing May 15, 2019 ⁽⁴⁾ | 444 | 441,516 |
|--|-----|---------|

| | | |
|---|-----|---------|
| Term Loan, 4.75%, Maturing May 15, 2019 | 556 | 553,276 |
|---|-----|---------|

\$ 16,688,310

Food / Drug Retailers 5.3%

Alliance Boots Holdings Limited

Term Loan, 3.57%, Maturing July 9, 2015

GBP 2,775 \$ 4,143,025

General Nutrition Centers, Inc.

Term Loan, 4.25%, Maturing March 2, 2018

3,100 3,094,188

Rite Aid Corporation

Term Loan, 2.00%, Maturing June 4, 2014

3,907 3,830,874

Term Loan, 4.50%, Maturing March 2, 2018

1,069 1,056,278

Sprouts Farmers Markets Holdings, LLC

Term Loan, 6.00%, Maturing April 20, 2018

300 296,250

Supervalu Inc.

Term Loan, 4.50%, Maturing April 28, 2018

1,629 1,609,194

\$ 14,029,809*See Notes to Financial Statements.*

Eaton Vance
Senior Income Trust

June 30, 2012

Portfolio of Investments continued

| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|---|--|------------|
| Health Care 18.0% | | |
| Alere, Inc. | | |
| Term Loan, 4.75%, Maturing June 30, 2017 | 224 | \$ 222,193 |
| Term Loan, 4.75%, Maturing June 30, 2017 | 299 | 295,017 |
| Term Loan, 4.75%, Maturing June 30, 2017 | 1,191 | 1,177,105 |
| Alliance Healthcare Services, Inc. | | |
| Term Loan, 7.25%, Maturing June 1, 2016 | 522 | 492,397 |
| Ardent Medical Services, Inc. | | |
| Term Loan, 6.50%, Maturing September 15, 2015 | 344 | 342,657 |
| Aveta, Inc. | | |
| Term Loan, 8.50%, Maturing April 4, 2017 | 331 | 330,620 |
| Term Loan, 8.50%, Maturing April 4, 2017 | 331 | 330,620 |
| Biomet Inc. | | |
| Term Loan, 3.37%, Maturing March 25, 2015 | 2,911 | 2,875,899 |
| CareStream Health, Inc. | | |
| Term Loan, 5.00%, Maturing February 25, 2017 | 765 | 734,063 |
| Catalent Pharma Solutions | | |
| Term Loan, 4.25%, Maturing September 15, 2016 | 1,262 | 1,255,239 |
| Term Loan, 5.25%, Maturing September 15, 2017 | 573 | 573,468 |
| Community Health Systems, Inc. | | |
| Term Loan, 2.58%, Maturing July 25, 2014 | 2,566 | 2,533,543 |
| Term Loan, 3.97%, Maturing January 25, 2017 | 1,546 | 1,523,409 |
| ConMed Corporation | | |
| Term Loan, 1.75%, Maturing April 12, 2013 | 96 | 94,126 |
| Convatec Inc. | | |
| Term Loan, 5.75%, Maturing December 22, 2016 | 339 | 337,528 |
| CRC Health Corporation | | |
| Term Loan, 4.96%, Maturing November 16, 2015 | 487 | 451,128 |
| DaVita, Inc. | | |
| Term Loan, 4.50%, Maturing October 20, 2016 | 1,478 | 1,484,888 |
| DJO Finance LLC | | |
| Term Loan, 5.25%, Maturing November 1, 2016 | 911 | 904,540 |

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| | | |
|---|-------|-----------|
| Term Loan, 6.25%, Maturing September 15, 2017 Drumm Investors LLC | 748 | 742,982 |
| Term Loan, 5.00%, Maturing May 4, 2018 Emdeon, Inc. | 1,488 | 1,417,769 |
| Term Loan, 5.00%, Maturing November 2, 2018 Emergency Medical Services Corporation | 399 | 399,437 |
| Term Loan, 5.25%, Maturing May 25, 2018 Grifols Inc. | 1,730 | 1,715,946 |
| Term Loan, 4.50%, Maturing June 1, 2017 Hanger Orthopedic Group, Inc. | 1,460 | 1,449,440 |
| Term Loan, 4.01%, Maturing December 1, 2016 HCA, Inc. | 319 | 316,572 |
| Term Loan, 3.71%, Maturing March 31, 2017 | 2,218 | 2,159,488 |
| Term Loan, 3.50%, Maturing May 1, 2018 Health Management Associates, Inc. | 925 | 899,823 |
| Term Loan, 4.50%, Maturing November 16, 2018 Iasis Healthcare LLC | 945 | 938,751 |
| Term Loan, 5.00%, Maturing May 3, 2018 Immucor, Inc. | 839 | 826,784 |
| Term Loan, 7.25%, Maturing August 17, 2018 inVentiv Health, Inc. | 347 | 350,197 |
| Term Loan, 6.50%, Maturing August 4, 2016 | 2,308 | 2,171,097 |
| Term Loan, 6.75%, Maturing May 15, 2018 Kindred Healthcare, Inc. | 569 | 534,146 |
| Term Loan, 5.25%, Maturing June 1, 2018 Kinetic Concepts, Inc. | 916 | 873,778 |
| Term Loan, 7.00%, Maturing May 4, 2018 LHP Hospital Group, Inc. | 2,239 | 2,258,899 |
| Term Loan, Maturing June 25, 2018 ⁽²⁾ Lifepoint Hospitals, Inc. | 275 | 264,000 |
| Term Loan, 3.00%, Maturing April 15, 2015 MedAssets, Inc. | 1,086 | 1,085,971 |
| Term Loan, 5.25%, Maturing November 16, 2016 Medpace, Inc. | 412 | 412,802 |
| Term Loan, 6.50%, Maturing June 16, 2017 Multiplan, Inc. | 407 | 390,624 |
| Term Loan, 4.75%, Maturing August 26, 2017 MX USA, Inc. | 1,153 | 1,138,766 |
| Term Loan, 6.50%, Maturing April 28, 2017 Pharmaceutical Product Development, Inc. | 299 | 297,754 |
| Term Loan, 6.25%, Maturing December 5, 2018 Physiotherapy Associates Holdings, Inc. | 970 | 976,673 |
| Term Loan, 6.00%, Maturing April 30, 2018 Prime Healthcare Services, Inc. | 150 | 150,188 |
| Term Loan, 7.50%, Maturing April 28, 2015 Radnet Management, Inc. | 1,019 | 1,013,891 |
| Term Loan, 5.75%, Maturing April 6, 2016 Select Medical Corporation | 1,033 | 1,022,236 |
| Term Loan, 5.50%, Maturing June 1, 2018 Sheridan Holdings, Inc. | 1,510 | 1,469,490 |
| Term Loan, Maturing June 19, 2019 ⁽²⁾ | 525 | 519,750 |

Sunrise Medical Holdings B.V.

| | | | |
|---|-----|-----|---------|
| Term Loan, 6.75%, Maturing May 13, 2014 | EUR | 120 | 146,496 |
|---|-----|-----|---------|

Thomson Reuters (Healthcare) Inc.

| | | | |
|---|--|-----|---------|
| Term Loan, 6.75%, Maturing June 6, 2019 | | 725 | 723,188 |
|---|--|-----|---------|

TriZetto Group, Inc. (The)

| | | | |
|--|--|-----|---------|
| Term Loan, 4.75%, Maturing May 2, 2018 | | 743 | 726,412 |
|--|--|-----|---------|

Universal Health Services, Inc.

| | | | |
|--|--|-------|-----------|
| Term Loan, 3.75%, Maturing November 15, 2016 | | 1,017 | 1,004,364 |
|--|--|-------|-----------|

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2012

Portfolio of Investments continued

| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|--|--|----------------------|
| Health Care (continued) | | |
| Valeant Pharmaceuticals International, Inc. | | |
| Term Loan, 4.75%, Maturing February 13, 2019 | 400 | \$ 394,900 |
| Term Loan, 4.75%, Maturing February 13, 2019 | 499 | 490,895 |
| Vanguard Health Holding Co. II, LLC | | |
| Term Loan, 5.00%, Maturing January 29, 2016 | 735 | 734,518 |
| VWR Funding, Inc. | | |
| Term Loan, 2.75%, Maturing June 30, 2014 | 732 | 723,230 |
| Term Loan, 4.50%, Maturing April 28, 2017 | 732 | 725,976 |
| | | \$ 47,425,673 |
| Home Furnishings 1.1% | | |
| Hunter Fan Company | | |
| Term Loan, 2.75%, Maturing April 16, 2014 | 170 | \$ 157,673 |
| National Bedding Company LLC | | |
| Term Loan, 4.01%, Maturing November 28, 2013 | 946 | 947,057 |
| Term Loan - Second Lien, 5.25%, Maturing February 28, 2014 | 1,150 | 1,142,812 |
| Oreck Corporation | | |
| Term Loan - Second Lien, 3.97%, Maturing March 19, 2016 ⁽⁵⁾ | 128 | 114,858 |
| Sofia III S.a.r.l. | | |
| Term Loan, 2.88%, Maturing June 24, 2016 | EUR 374 | 416,256 |
| | | \$ 2,778,656 |

Industrial Equipment 1.7%

Colfax Corporation

Term Loan, 4.50%, Maturing January 11, 2019 647 \$ 647,020

Generac Power Systems, Inc.

Term Loan, 6.25%, Maturing May 22, 2018 775 771,770

Grede LLC

Term Loan, 7.00%, Maturing April 3, 2017 425 421,812

Husky Injection Molding Systems Ltd.

Term Loan, 6.54%, Maturing June 29, 2018 1,244 1,251,898

Kion Group GMBHTerm Loan, 3.60%, Maturing December 23, 2014⁽⁷⁾ 255 230,545Term Loan, 4.10%, Maturing December 23, 2015⁽⁷⁾ 255 230,544**Manitowoc Company, Inc. (The)**

Term Loan, 4.25%, Maturing November 13, 2017 291 290,207

Schaeffler AG

Term Loan, 6.00%, Maturing January 27, 2017 575 575,895

\$ 4,419,691

Insurance 3.6%

Applied Systems, Inc.

Term Loan, 5.50%, Maturing December 8, 2016 299 \$ 298,128

Term Loan, 5.50%, Maturing December 8, 2016 665 663,905

Asurion LLC

Term Loan, 5.50%, Maturing May 24, 2018 3,759 3,751,297

Term Loan - Second Lien, 9.00%, Maturing May 24, 2019 850 871,781

CCC Information Services, Inc.

Term Loan, 5.50%, Maturing November 11, 2015 692 693,315

CNO Financial Group, Inc.

Term Loan, 6.25%, Maturing September 30, 2016 433 433,693

Hub International Limited

Term Loan, 4.75%, Maturing June 13, 2017 967 970,688

Term Loan, 6.75%, Maturing December 13, 2017 267 268,959

Sedgwick CMS Holdings, Inc.

Term Loan, 5.00%, Maturing December 30, 2016 497 493,187

USI Holdings Corporation

Term Loan, 2.75%, Maturing May 5, 2014 903 893,091

\$ 9,338,044

Leisure Goods / Activities / Movies 7.4%

Alpha D2 Limited

Term Loan, 5.75%, Maturing April 28, 2017 1,022 \$ 1,023,533

AMC Entertainment, Inc.

Term Loan, 3.50%, Maturing December 15, 2016 1,901 1,898,239

Term Loan, 4.25%, Maturing February 22, 2018 498 496,629

AMC Networks Inc.

Term Loan, 4.00%, Maturing December 31, 2018 1,166 1,156,994

Bombardier Recreational Products, Inc.

Term Loan, 4.60%, Maturing June 28, 2016 965 959,255

Bright Horizons Family Solutions, Inc.

Term Loan, 4.25%, Maturing May 28, 2015 450 447,603

Cedar Fair, L.P.

Term Loan, 4.00%, Maturing December 15, 2017 1,427 1,425,953

Cinemark USA, Inc.

Term Loan, 3.55%, Maturing April 29, 2016 1,887 1,879,550

Clubcorp Club Operations, Inc.

Term Loan, 6.00%, Maturing November 30, 2016 1,808 1,816,581

Dave & Buster's, Inc.

Term Loan, 5.50%, Maturing June 1, 2016 490 489,388

Live Nation Entertainment, Inc.

Term Loan, 4.50%, Maturing November 7, 2016 1,124 1,124,125

Regal Cinemas, Inc.

Term Loan, 3.29%, Maturing August 23, 2017 2,019 2,004,106

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2012

Portfolio of Investments continued

| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|---|--|----------------------|
| Leisure Goods / Activities / Movies (continued) | | |
| Revolution Studios Distribution Company, LLC | | |
| Term Loan, 4.00%, Maturing December 21, 2014 | 449 | \$ 358,397 |
| Term Loan - Second Lien, 7.25%, Maturing June 21, 2015 ⁽⁵⁾ | 450 | 191,745 |
| SeaWorld Parks & Entertainment, Inc. | | |
| Term Loan, 4.00%, Maturing August 17, 2017 | 1,158 | 1,152,191 |
| Six Flags Theme Parks, Inc. | | |
| Term Loan, 4.25%, Maturing December 20, 2018 | 1,075 | 1,069,141 |
| Town Sports International Inc. | | |
| Term Loan, 7.00%, Maturing May 11, 2018 | 932 | 943,559 |
| Zuffa LLC | | |
| Term Loan, 2.25%, Maturing June 19, 2015 | 477 | 463,065 |
| Term Loan, 7.50%, Maturing June 19, 2015 | 499 | 501,224 |
| | | \$ 19,401,278 |
| Lodging and Casinos 2.5% | | |
| Affinity Gaming, LLC | | |
| Term Loan, 5.50%, Maturing November 9, 2017 | 224 | \$ 224,437 |
| Ameristar Casinos, Inc. | | |
| Term Loan, 4.00%, Maturing April 16, 2018 | 515 | 515,372 |
| Caesars Entertainment Operating Company | | |
| Term Loan, 9.50%, Maturing October 31, 2016 | 975 | 989,625 |
| Term Loan, 5.50%, Maturing January 26, 2018 | 1,230 | 1,092,133 |
| Gala Group LTD | | |
| Term Loan, 5.63%, Maturing May 30, 2018 | GBP 825 | 1,137,026 |

Isle of Capri Casinos, Inc.

| | | |
|---|-----|---------|
| Term Loan, 4.75%, Maturing November 1, 2013 | 469 | 470,720 |
|---|-----|---------|

Las Vegas Sands LLC

| | | |
|--|-----|---------|
| Term Loan, 2.75%, Maturing November 23, 2016 | 249 | 242,593 |
|--|-----|---------|

| | | |
|--|-----|---------|
| Term Loan, 2.75%, Maturing November 23, 2016 | 986 | 959,060 |
|--|-----|---------|

LodgeNet Entertainment Corporation

| | | |
|--|-----|---------|
| Term Loan, 6.50%, Maturing April 4, 2014 | 418 | 332,470 |
|--|-----|---------|

Pinnacle Entertainment, Inc.

| | | |
|---|-----|---------|
| Term Loan, 4.00%, Maturing March 19, 2019 | 299 | 298,829 |
|---|-----|---------|

Tropicana Entertainment Inc.

| | | |
|---|-----|---------|
| Term Loan, 7.50%, Maturing March 16, 2018 | 249 | 248,752 |
|---|-----|---------|

\$ 6,511,017

Nonferrous Metals / Minerals 2.3%

Arch Coal Inc.

| | | |
|---|-------|--------------|
| Term Loan, 5.75%, Maturing May 16, 2018 | 1,200 | \$ 1,180,928 |
|---|-------|--------------|

Fairmount Minerals LTD

| | | |
|---|-------|-----------|
| Term Loan, 5.25%, Maturing March 15, 2017 | 1,883 | 1,875,011 |
|---|-------|-----------|

Noranda Aluminum Acquisition Corporation

| | | |
|--|-----|---------|
| Term Loan, 5.75%, Maturing February 24, 2019 | 524 | 526,961 |
|--|-----|---------|

Novelis, Inc.

| | | |
|---|-----|---------|
| Term Loan, 4.00%, Maturing March 10, 2017 | 323 | 317,119 |
|---|-----|---------|

| | | |
|---|-------|-----------|
| Term Loan, 4.00%, Maturing March 10, 2017 | 1,354 | 1,331,520 |
|---|-------|-----------|

Oxbow Carbon and Mineral Holdings LLC

| | | |
|--|-----|---------|
| Term Loan, 3.85%, Maturing May 8, 2016 | 495 | 495,772 |
|--|-----|---------|

Waupaca Foundry, Inc.

| | | |
|--|-----|---------|
| Term Loan, Maturing June 29, 2017 ⁽²⁾ | 325 | 324,391 |
|--|-----|---------|

\$ 6,051,702

Oil and Gas 4.1%

Buffalo Gulf Coast Terminals LLC

| | | |
|---|-----|------------|
| Term Loan, 7.50%, Maturing October 31, 2017 | 772 | \$ 772,646 |
|---|-----|------------|

Citgo Petroleum Corporation

| | | |
|--|----|--------|
| Term Loan, 8.00%, Maturing June 24, 2015 | 90 | 91,261 |
|--|----|--------|

| | | |
|--|-------|-----------|
| Term Loan, 9.00%, Maturing June 23, 2017 | 1,250 | 1,265,119 |
|--|-------|-----------|

Crestwood Holdings LLC

| | | |
|---|-------|-----------|
| Term Loan, 9.75%, Maturing March 26, 2018 | 1,075 | 1,082,614 |
|---|-------|-----------|

Energy Transfer Equity, L.P.

| | | |
|---|-------|-----------|
| Term Loan, 3.75%, Maturing March 24, 2017 | 1,325 | 1,299,683 |
|---|-------|-----------|

| | | |
|---|-------|----------------------|
| Frac Tech International LLC | | |
| Term Loan, 6.25%, Maturing May 6, 2016 | 2,006 | 1,839,099 |
| Gibson Energy ULC | | |
| Term Loan, 4.75%, Maturing June 15, 2018 | 1,172 | 1,173,528 |
| MEG Energy Corp. | | |
| Term Loan, 4.00%, Maturing March 16, 2018 | 620 | 617,986 |
| Obsidian Natural Gas Trust | | |
| Term Loan, 7.00%, Maturing November 2, 2015 | 1,488 | 1,495,872 |
| Sheridan Production Partners I, LLC | | |
| Term Loan, 6.50%, Maturing April 20, 2017 | 52 | 52,001 |
| Term Loan, 6.50%, Maturing April 20, 2017 | 85 | 85,135 |
| Term Loan, 6.50%, Maturing April 20, 2017 | 641 | 642,485 |
| Tervita Corporation | | |
| Term Loan, 6.50%, Maturing October 17, 2014 | 274 | 274,309 |
| | | \$ 10,691,738 |

Publishing 4.9%

Ascend Learning, Inc.

| | | |
|---|-----|------------|
| Term Loan, 5.75%, Maturing May 23, 2017 | 975 | \$ 966,774 |
|---|-----|------------|

Aster Zweite Beteiligungs GmbH

| | | |
|--|---------|---------|
| Term Loan, 5.97%, Maturing December 30, 2014 | EUR 214 | 256,965 |
| Term Loan, 5.72%, Maturing December 31, 2014 | 548 | 511,100 |
| Term Loan, 5.72%, Maturing December 31, 2014 | 561 | 522,730 |
| Term Loan, 5.97%, Maturing December 31, 2014 | EUR 240 | 287,216 |

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2012

Portfolio of Investments continued

| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|---|--|----------------------|
| Publishing (continued) | | |
| GateHouse Media Operating, Inc. | | |
| Term Loan, 2.25%, Maturing August 28, 2014 | 320 | \$ 101,002 |
| Term Loan, 2.25%, Maturing August 28, 2014 | 714 | 225,312 |
| Term Loan, 2.50%, Maturing August 28, 2014 | 345 | 108,771 |
| Getty Images, Inc. | | |
| Term Loan, 4.02%, Maturing November 2, 2015 | 289 | 289,392 |
| Term Loan, 5.26%, Maturing November 7, 2016 | 1,422 | 1,424,944 |
| Instant Web, Inc. | | |
| Term Loan, 3.62%, Maturing August 7, 2014 | 83 | 65,214 |
| Term Loan, 3.62%, Maturing August 7, 2014 | 792 | 625,592 |
| Interactive Data Corp | | |
| Term Loan, 4.50%, Maturing February 12, 2018 | 1,581 | 1,557,867 |
| Laureate Education, Inc. | | |
| Term Loan, 5.25%, Maturing August 15, 2018 | 3,066 | 2,949,848 |
| Medianews Group | | |
| Term Loan, 8.50%, Maturing March 19, 2014 | 58 | 56,171 |
| Merrill Communications, LLC | | |
| Term Loan, 7.75%, Maturing December 24, 2012 | 645 | 607,817 |
| Nelson Education Ltd. | | |
| Term Loan, 2.96%, Maturing July 3, 2014 | 231 | 199,037 |
| Nielsen Finance LLC | | |
| Term Loan, 3.49%, Maturing May 2, 2016 | 987 | 981,440 |
| Term Loan, 3.99%, Maturing May 2, 2016 | 970 | 965,810 |
| SGS International, Inc. | | |
| Term Loan, 3.75%, Maturing September 30, 2013 | 250 | 249,093 |
| | | \$ 12,952,095 |

Radio and Television 3.4%

Clear Channel Communications, Inc.

| | | | |
|---|-----|----|---------|
| Term Loan, 3.90%, Maturing January 28, 2016 | 984 | \$ | 785,414 |
|---|-----|----|---------|

Cumulus Media, Inc.

| | | | |
|---|-------|--|-----------|
| Term Loan, 5.75%, Maturing September 17, 2018 | 2,611 | | 2,611,132 |
|---|-------|--|-----------|

Entercom Radio, LLC

| | | | |
|--|-----|--|---------|
| Term Loan, 6.25%, Maturing November 23, 2018 | 262 | | 263,368 |
|--|-----|--|---------|

Foxco Acquisition Sub, LLC

| | | | |
|--|-----|--|---------|
| Term Loan, 4.75%, Maturing July 14, 2015 | 254 | | 253,535 |
|--|-----|--|---------|

Gray Television, Inc.

| | | | |
|--|-----|--|---------|
| Term Loan, 3.74%, Maturing December 31, 2014 | 345 | | 342,095 |
|--|-----|--|---------|

LIN Television Corp.

| | | | |
|--|-----|--|---------|
| Term Loan, 5.00%, Maturing December 21, 2018 | 299 | | 299,246 |
|--|-----|--|---------|

Mission Broadcasting, Inc.

| | | | |
|---|-----|--|---------|
| Term Loan, 5.00%, Maturing September 30, 2016 | 258 | | 257,985 |
|---|-----|--|---------|

Nexstar Broadcasting, Inc.

| | | | |
|---|-----|--|---------|
| Term Loan, 5.00%, Maturing September 30, 2016 | 404 | | 403,533 |
|---|-----|--|---------|

Raycom TV Broadcasting, Inc.

| | | | |
|---|-----|--|---------|
| Term Loan, 4.50%, Maturing May 31, 2017 | 446 | | 439,932 |
|---|-----|--|---------|

Sinclair Television Group Inc.

| | | | |
|---|-----|--|---------|
| Term Loan, 4.00%, Maturing October 28, 2016 | 380 | | 378,715 |
|---|-----|--|---------|

Tyrol Acquisitions 2 SAS

| | | | |
|---|-----|-----|---------|
| Term Loan, 4.38%, Maturing January 29, 2016 | EUR | 500 | 540,144 |
|---|-----|-----|---------|

| | | | |
|---|-----|-----|---------|
| Term Loan, 4.38%, Maturing January 29, 2016 | EUR | 500 | 540,144 |
|---|-----|-----|---------|

Univision Communications Inc.

| | | | |
|---|-------|--|-----------|
| Term Loan, 4.49%, Maturing March 31, 2017 | 2,066 | | 1,951,416 |
|---|-------|--|-----------|

| | | | |
|--|--|--|---------------------|
| | | | \$ 9,066,659 |
|--|--|--|---------------------|

Rail Industries 0.2%

RailAmerica, Inc.

| | | | |
|--|-----|----|---------|
| Term Loan, 4.00%, Maturing March 1, 2019 | 399 | \$ | 399,000 |
|--|-----|----|---------|

| | | | |
|--|--|--|-------------------|
| | | | \$ 399,000 |
|--|--|--|-------------------|

Retailers (Except Food and Drug) 6.1%

99 Cents Only Stores

| | | | |
|---|-----|----|---------|
| Term Loan, 5.25%, Maturing January 11, 2019 | 249 | \$ | 249,062 |
|---|-----|----|---------|

| | | |
|--|-------|-----------|
| Amscan Holdings, Inc. | | |
| Term Loan, 6.75%, Maturing December 4, 2017 | 1,751 | 1,751,910 |
| Ascena Retail Group, Inc. | | |
| Term Loan, 4.75%, Maturing June 14, 2018 | 450 | 450,844 |
| FTD, Inc. | | |
| Term Loan, 4.75%, Maturing June 11, 2018 | 603 | 598,147 |
| Harbor Freight Tools USA, Inc. | | |
| Term Loan, 5.50%, Maturing November 14, 2017 | 500 | 499,000 |
| J Crew Group, Inc. | | |
| Term Loan, 4.75%, Maturing March 7, 2018 | 866 | 854,646 |
| Jo-Ann Stores, Inc. | | |
| Term Loan, 4.75%, Maturing March 16, 2018 | 1,383 | 1,368,786 |
| Michaels Stores, Inc. | | |
| Term Loan, 5.00%, Maturing July 29, 2016 | 1,574 | 1,570,849 |
| Neiman Marcus Group, Inc. (The) | | |
| Term Loan, 4.75%, Maturing May 16, 2018 | 2,050 | 2,031,197 |
| Petco Animal Supplies, Inc. | | |
| Term Loan, 4.50%, Maturing November 24, 2017 | 1,602 | 1,591,983 |
| Pilot Travel Centers LLC | | |
| Term Loan, 4.25%, Maturing March 30, 2018 | 899 | 900,014 |
| Savers, Inc. | | |
| Term Loan, 5.25%, Maturing March 3, 2017 | 581 | 581,594 |
| Term Loan, Maturing June 27, 2019 ⁽²⁾ | 350 | 350,000 |
| ServiceMaster Company | | |
| Term Loan, 2.75%, Maturing July 24, 2014 | 134 | 132,304 |
| Term Loan, 2.79%, Maturing July 24, 2014 | 1,343 | 1,328,601 |

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2012

Portfolio of Investments continued

| Borrower/Tranche Description | Principal Amount* (000 s omitted) | Value |
|--|--|----------------------|
| Retailers (Except Food and Drug) (continued) | | |
| Visant Holding Corp. | | |
| Term Loan, 5.25%, Maturing December 22, 2016 | 659 | \$ 639,536 |
| Vivarte SA | | |
| Term Loan - Second Lien, 4.57%, Maturing September 8, 2016 | EUR 13 | 10,409 |
| Term Loan - Second Lien, 4.57%, Maturing September 8, 2016 | EUR 88 | 72,861 |
| Term Loan - Second Lien, 4.57%, Maturing September 8, 2016 | EUR 900 | 737,470 |
| Wolverine Worldwide, Inc. | | |
| Term Loan, Maturing June 26, 2019 ⁽²⁾ | 275 | 275,859 |
| | | \$ 15,995,072 |
| Steel 0.3% | | |
| JMC Steel Group, Inc. | | |
| Term Loan, 4.75%, Maturing April 3, 2017 | 346 | \$ 346,051 |
| SunCoke Energy, Inc. | | |
| Term Loan, 4.00%, Maturing July 26, 2018 | 495 | 495,001 |
| | | \$ 841,052 |
| Surface Transport 1.2% | | |

Hertz Corporation (The)

| | | | |
|--|-------|----|-----------|
| Term Loan, 3.75%, Maturing March 9, 2018 | 1,778 | \$ | 1,759,725 |
|--|-------|----|-----------|

Swift Transportation Co. Inc.

| | | | |
|--|-----|--|---------|
| Term Loan, 5.00%, Maturing December 21, 2017 | 955 | | 958,555 |
|--|-----|--|---------|

WireCo WorldGroup, Inc.

| | | | |
|--|-----|--|---------|
| Term Loan, Maturing February 15, 2017 ⁽²⁾ | 325 | | 321,750 |
|--|-----|--|---------|

| | | | |
|--|--|----|------------------|
| | | \$ | 3,040,030 |
|--|--|----|------------------|

Telecommunications 6.5%

Alaska Communications Systems Holdings, Inc.

| | | | |
|---|-----|----|---------|
| Term Loan, 5.50%, Maturing October 21, 2016 | 911 | \$ | 817,735 |
|---|-----|----|---------|

Cellular South, Inc.

| | | | |
|--|-----|--|---------|
| Term Loan, 4.50%, Maturing July 27, 2017 | 422 | | 419,703 |
|--|-----|--|---------|

Crown Castle International Corporation

| | | | |
|---|-----|--|---------|
| Term Loan, 4.00%, Maturing January 31, 2019 | 945 | | 931,482 |
|---|-----|--|---------|

Intelsat Jackson Holdings S.A.

| | | | |
|--|-------|--|-----------|
| Term Loan, 5.25%, Maturing April 2, 2018 | 5,148 | | 5,131,887 |
|--|-------|--|-----------|

Macquarie UK Broadcast Limited

| | | | |
|---|-----|-----|---------|
| Term Loan, 3.12%, Maturing December 1, 2014 | 414 | GBP | 581,891 |
|---|-----|-----|---------|

MetroPCS Wireless, Inc.

| | | | |
|---|-------|--|-----------|
| Term Loan, 4.00%, Maturing March 16, 2018 | 3,034 | | 2,971,694 |
|---|-------|--|-----------|

NTELOS Inc.

| | | | |
|---|-----|--|---------|
| Term Loan, 4.00%, Maturing August 7, 2015 | 907 | | 899,910 |
|---|-----|--|---------|

SBA Finance

| | | | |
|--|-----|--|---------|
| Term Loan, 3.75%, Maturing June 29, 2018 | 470 | | 467,605 |
|--|-----|--|---------|

Syniverse Technologies, Inc.

| | | | |
|---|-----|--|---------|
| Term Loan, 5.00%, Maturing April 23, 2019 | 950 | | 945,250 |
|---|-----|--|---------|

Telesat LLC

| | | | |
|---|-------|--|-----------|
| Term Loan, 4.25%, Maturing March 28, 2019 | 3,450 | | 3,419,812 |
|---|-------|--|-----------|

Windstream Corporation

| | | | |
|--|-----|--|---------|
| Term Loan, 3.24%, Maturing December 17, 2015 | 619 | | 616,083 |
|--|-----|--|---------|

| | | | |
|--|--|----|-------------------|
| | | \$ | 17,203,052 |
|--|--|----|-------------------|

Utilities 3.8%

AES Corporation

| | | | |
|---|-------|----|-----------|
| Term Loan, 4.25%, Maturing June 1, 2018 | 1,284 | \$ | 1,285,585 |
|---|-------|----|-----------|

Calpine Corporation

| | | | |
|--|-----|--|---------|
| Term Loan, 4.50%, Maturing April 2, 2018 | 470 | | 467,507 |
|--|-----|--|---------|

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| | | |
|--|-------|---------------------------|
| Term Loan, 4.50%, Maturing April 2, 2018 Dynegy Midwest Generation LLC | 2,395 | 2,384,211 |
| Term Loan, 9.25%, Maturing August 4, 2016 Dynegy Power, LLC | 248 | 254,328 |
| Term Loan, 9.25%, Maturing August 4, 2016 Invenergy LLC | 471 | 486,759 |
| Term Loan, 9.00%, Maturing November 21, 2017 LS Power Funding Corp. | 368 | 368,321 |
| Term Loan, Maturing June 28, 2019 ⁽²⁾ NRG Energy, Inc. | 575 | 569,250 |
| Term Loan, 4.00%, Maturing July 2, 2018 Texas Competitive Electric Holdings Company, LLC | 2,725 | 2,712,120 |
| Term Loan, 4.74%, Maturing October 10, 2017 | 2,601 | 1,560,320 |
| | | \$ 10,088,401 |
| Total Senior Floating-Rate Interests (identified cost \$390,374,844) | | \$ 386,063,301 |

Corporate Bonds & Notes 8.3%

| Security | Principal Amount* (000 s omitted) | Value |
|---|--|------------------|
| Automotive 0.0% | | |
| American Axle & Manufacturing Holdings, Inc., Sr. Notes 9.25%, 1/15/17 ⁽⁸⁾ | 77 | \$ 86,432 |
| | | \$ 86,432 |

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2012

Portfolio of Investments continued

| Security | Principal Amount* (000 s omitted) | Value |
|--|--|------------------|
| Beverage and Tobacco 0.0% | | |
| Constellation Brands, Inc., Sr. Notes 6.00%, 5/1/22 | 35 | \$ 37,713 |
| | | \$ 37,713 |
| Brokers, Dealers and Investment Houses 0.0% | | |
| Alliance Data Systems Corp., Sr. Notes 6.375%, 4/1/20 ⁽⁸⁾ | 30 | \$ 30,900 |
| | | \$ 30,900 |
| Building and Development 0.0% | | |
| Nortek, Inc., Sr. Notes 10.00%, 12/1/18 | 45 | \$ 47,475 |
| 8.50%, 4/15/21 | 15 | 14,738 |
| | | \$ 62,213 |

Business Equipment and Services 0.1%

Education Management, LLC, Sr. Notes

| | | |
|---------------|-----|-------------------|
| 8.75%, 6/1/14 | 150 | \$ 134,250 |
| | | \$ 134,250 |

Chemicals and Plastics 1.1%

Hexion US Finance Corp., Sr. Notes

| | | |
|-----------------|-------|--------------|
| 6.625%, 4/15/20 | 1,000 | \$ 1,030,000 |
|-----------------|-------|--------------|

Ineos Finance PLC, Sr. Notes

| | | |
|--------------------------------|---------|---------|
| 7.25%, 2/15/19 ⁽⁸⁾ | EUR 500 | 629,586 |
| 8.375%, 2/15/19 ⁽⁸⁾ | 500 | 518,750 |
| 7.50%, 5/1/20 ⁽⁸⁾ | 400 | 405,000 |

LyondellBasell Industries N.V., Sr. Notes

| | | |
|-------------------------------|-----|---------|
| 5.00%, 4/15/19 ⁽⁸⁾ | 200 | 210,750 |
|-------------------------------|-----|---------|

\$ 2,794,086

Containers and Glass Products 0.2%

Berry Plastics Corp., Sr. Notes

| | | |
|--------------------------------|-----|------------|
| 5.217%, 2/15/15 ⁽⁹⁾ | 500 | \$ 501,875 |
|--------------------------------|-----|------------|

\$ 501,875

Cosmetics / Toiletries 0.1%

Revlon Consumer Products Corp., Sr. Notes

| | | |
|--------------------------------|-----|------------|
| 9.75%, 11/15/15 ⁽⁸⁾ | 165 | \$ 177,375 |
|--------------------------------|-----|------------|

\$ 177,375

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Electronics / Electrical 0.0%

Ceridian Corp., Sr. Notes

8.875%, 7/15/19 40 \$ 41,500

Lawson Software, Inc., Sr. Notes

9.375%, 4/1/19⁽⁸⁾ 35 37,538

\$ 79,038

Equipment Leasing 0.6%

Aircastle, Ltd., Sr. Notes

6.75%, 4/15/17 25 \$ 25,375

7.625%, 4/15/20 15 15,300

Ashtead Capital, Inc., Sr. Notes

6.50%, 7/15/22 25 25,000

International Lease Finance Corp., Sr. Notes

5.65%, 6/1/14 1,000 1,030,000

6.75%, 9/1/16⁽⁸⁾ 175 189,000

7.125%, 9/1/18⁽⁸⁾ 175 193,812

\$ 1,478,487

Financial Intermediaries 0.3%

Ally Financial, Inc., Sr. Notes

2.667%, 12/1/14⁽⁹⁾ 20 \$ 19,200

First Data Corp., Sr. Notes

7.375%, 6/15/19⁽⁸⁾ 500 512,500

Ford Motor Credit Co., LLC, Sr. Notes

8.00%, 12/15/16 125 148,213

\$ 679,913

Food Service 0.0%

Ruby Tuesday, Inc., Sr. Notes

7.625%, 5/15/20⁽⁸⁾ 70 \$ 62,825

\$ 62,825

Health Care 0.0%

Biomet, Inc., Sr. Notes

10.375%, 10/15/17

55

\$ 59,056

Kinetic Concepts, Inc./KCI USA, Inc., Sr. Notes

10.50%, 11/1/18⁽⁸⁾

10

10,550

USPI Finance Corp., Sr. Notes

9.00%, 4/1/20⁽⁸⁾

35

37,275

\$ 106,881

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2012

Portfolio of Investments continued

| Security | Principal Amount* (000 s omitted) | Value |
|---|--|---------------------|
| Home Furnishings 0.2% | | |
| Libbey Glass, Inc., Sr. Notes 6.875%, 5/15/20 ⁽⁸⁾ | 370 | \$ 382,025 |
| Monaco SpinCo, Inc., Sr. Notes 6.75%, 4/30/20 ⁽⁸⁾ | 65 | 68,900 |
| | | \$ 450,925 |
| Industrial Equipment 0.4% | | |
| Terex Corp., Sr. Notes 10.875%, 6/1/16 | 915 | \$ 1,030,519 |
| | | \$ 1,030,519 |
| Insurance 0.0% | | |
| Alliant Holdings I, Inc., Sr. Notes 11.00%, 5/1/15 ⁽⁸⁾ | 25 | \$ 26,063 |
| USI Holdings Corp., Sr. Notes 4.342%, 11/15/14 ⁽⁸⁾⁽⁹⁾ | 35 | 32,637 |
| | | \$ 58,700 |

Leisure Goods / Activities/Movies 0.2%

| | | |
|---|-----|-------------------|
| AMC Entertainment, Inc., Sr. Notes | | |
| 8.75%, 6/1/19 | 60 | \$ 64,650 |
| National CineMedia, LLC, Sr. Notes | | |
| 6.00%, 4/15/22 ⁽⁸⁾ | 380 | 388,550 |
| Royal Caribbean Cruises, Sr. Notes | | |
| 7.00%, 6/15/13 | 50 | 52,250 |
| 6.875%, 12/1/13 | 20 | 21,210 |
| 7.25%, 6/15/16 | 10 | 10,850 |
| 7.25%, 3/15/18 | 20 | 21,700 |
| Seven Seas Cruises, S de RL, LLC | | |
| 9.125%, 5/15/19 | 10 | 10,375 |
| | | \$ 569,585 |

Lodging and Casinos 1.1%

| | | |
|--|-------|---------------------|
| Buffalo Thunder Development Authority | | |
| 9.375%, 12/15/14 ⁽⁶⁾⁽⁸⁾ | 265 | \$ 96,725 |
| Caesars Entertainment Operating Co., Sr. Notes | | |
| 5.375%, 12/15/13 | 15 | 14,640 |
| 8.50%, 2/15/20 ⁽⁸⁾ | 1,075 | 1,085,750 |
| Choice Hotels International, Inc., Sr. Notes | | |
| 5.75%, 7/1/22 | 15 | 15,725 |
| Inn of the Mountain Gods Resort & Casino, Sr. Notes | | |
| 8.75%, 11/30/20 ⁽⁸⁾ | 50 | 48,500 |
| Mohegan Tribal Gaming Authority | | |
| 10.50%, 12/15/16 ⁽⁸⁾ | 85 | 74,800 |
| 11.00%, 9/15/18 ⁽⁸⁾ | 235 | 158,038 |
| Peninsula Gaming, LLC, Sr. Notes | | |
| 10.75%, 8/15/17 | 1,000 | 1,145,000 |
| Tunica-Biloxi Gaming Authority, Sr. Notes | | |
| 9.00%, 11/15/15 ⁽⁸⁾ | 165 | 155,100 |
| Waterford Gaming, LLC, Sr. Notes | | |
| 8.625%, 9/15/14 ⁽⁵⁾⁽⁸⁾ | 102 | 59,210 |
| | | \$ 2,853,488 |

Nonferrous Metals / Minerals 0.2%

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

8.50%, 12/15/19 330 \$ 344,025

FMG Resources (August 2006) Pty, Ltd., Sr. Notes7.00%, 11/1/15⁽⁸⁾ 40 41,000**Molycorp, Inc., Sr. Notes**10.00%, 6/1/20⁽⁸⁾ 95 94,525**New Gold, Inc., Sr. Notes**7.00%, 4/15/20⁽⁸⁾ 20 20,650**Penn Virginia Resource Partners, LP/Penn Virginia Resource Finance Corp. II, Sr. Notes**8.375%, 6/1/20⁽⁸⁾ 25 25,500**\$ 525,700**

Oil and Gas 0.2%

Everest Acquisition, LLC/Everest Acquisition Finance, Inc., Sr. Notes6.875%, 5/1/19⁽⁸⁾ 100 \$ 104,6259.375%, 5/1/20⁽⁸⁾ 70 72,625**Halcon Resources Corp., Sr. Notes**

9.75%, 7/15/20 45 44,391

Laredo Petroleum, Inc., Sr. Notes7.375%, 5/1/22⁽⁸⁾ 20 20,850**Newfield Exploration Co., Sr. Notes**

5.625%, 7/1/24 65 66,544

Oasis Petroleum, Inc., Sr. Notes

6.875%, 1/15/23 75 75,469

Petroleum Development Corp., Sr. Notes

12.00%, 2/15/18 65 69,875

Quicksilver Resources, Inc., Sr. Notes

11.75%, 1/1/16 35 34,256

SESI, LLC, Sr. Notes

6.875%, 6/1/14 30 30,037

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2012

Portfolio of Investments continued

| Security | Principal Amount* (000 s omitted) | Value |
|--|--|---------------------|
| Oil and Gas (continued) | | |
| SM Energy Co., Sr. Notes 6.50%, 1/1/23 ⁽⁸⁾ | 40 | \$ 40,350 |
| | | \$ 559,022 |
| Publishing 0.7% | | |
| Laureate Education, Inc., Sr. Notes 11.00%, 8/15/15 ⁽⁸⁾ | 1,215 | \$ 1,251,450 |
| 11.25%, 8/15/15 ⁽⁷⁾⁽⁸⁾ | 626 | 644,662 |
| 12.75%, 8/15/17 ⁽⁸⁾ | 45 | 47,925 |
| | | \$ 1,944,037 |
| Radio and Television 0.6% | | |
| Entravision Communications Corp., Sr. Notes 8.75%, 8/1/17 ⁽⁸⁾ | 948 | \$ 1,009,620 |
| LBI Media, Inc., Sr. Notes 11.00%, 10/15/13 | 15 | 6,825 |
| XM Satellite Radio Holdings, Inc., Sr. Notes 13.00%, 8/1/14 ⁽⁸⁾ | 485 | 543,200 |

| | | |
|---|-----|---------------------|
| | | \$ 1,559,645 |
| Rail Industries 0.0% | | |
| American Railcar Industry, Sr. Notes | | |
| 7.50%, 3/1/14 | 100 | \$ 101,750 |
| | | \$ 101,750 |
| Retailers (Except Food and Drug) 0.2% | | |
| Amscan Holdings, Inc., Sr. Notes | | |
| 8.75%, 5/1/14 | 220 | \$ 221,377 |
| J Crew Group, Inc., Sr. Notes | | |
| 8.125%, 3/1/19 | 15 | 15,562 |
| Dollar General Corp., Sr. Notes | | |
| 4.125%, 7/15/17 | 20 | 20,375 |
| Michaels Stores, Inc., Sr. Notes | | |
| 7.75%, 11/1/18 | 50 | 53,000 |
| Sally Holdings, LLC/Sally Capital, Inc., Sr. Notes | | |
| 5.75%, 6/1/22 | 95 | 99,869 |
| Toys R Us, Inc., Sr. Notes | | |
| 7.875%, 4/15/13 | 110 | 112,750 |
| | | \$ 522,933 |
| Steel 0.0% | | |
| RathGibson, Inc., Sr. Notes | | |
| 11.25%, 2/15/14 ⁽⁵⁾⁽⁶⁾ | 240 | \$ 0 |
| | | \$ 0 |
| Telecommunications 0.4% | | |

| | | |
|---|-----|---------------------|
| Digicel Group, Ltd., Sr. Notes 8.875%, 1/15/15 ⁽⁸⁾ | 820 | \$ 832,300 |
| Intelsat Bermuda, Ltd., Sr. Notes 11.25%, 6/15/16 | 119 | 124,950 |
| Intelsat Jackson Holdings, Ltd., Sr. Notes 7.25%, 10/15/20 ⁽⁸⁾ | 55 | 58,025 |
| | | \$ 1,015,275 |

Utilities 1.7%

| | | |
|--|-------|---------------------|
| Calpine Corp., Sr. Notes 7.50%, 2/15/21 ⁽⁸⁾ | 2,375 | \$ 2,576,875 |
| 7.875%, 1/15/23 ⁽⁸⁾ | 1,700 | 1,861,500 |
| Reliant Energy, Inc., Sr. Notes 7.625%, 6/15/14 | 10 | 10,250 |
| | | \$ 4,448,625 |

| | | |
|---|--|----------------------|
| Total Corporate Bonds & Notes (identified cost \$21,282,408) | | \$ 21,872,192 |
|---|--|----------------------|

Asset-Backed Securities 1.3%

| Security | Principal Amount (000 s omitted) | Value |
|--|---|--------------|
| Alzette European CLO SA, Series 2004-1A, Class E2, 6.968%, 12/15/20 ⁽⁹⁾ | \$ 219 | \$ 187,445 |
| Avalon Capital Ltd. 3, Series 1A, Class D, 2.417%, 2/24/19 ⁽⁸⁾⁽⁹⁾ | 295 | 231,807 |
| Babson Ltd., Series 2005-1A, Class C1, 2.417%, 4/15/19 ⁽⁸⁾⁽⁹⁾ | 376 | 273,695 |
| Carlyle High Yield Partners, Series 2004-6A, Class C, 2.917%, 8/11/16 ⁽⁸⁾⁽⁹⁾ | 500 | 443,577 |
| Centurion CDO 8 Ltd., Series 2005-8A, Class D, 5.968%, 3/8/17 ⁽⁹⁾ | 492 | 423,122 |
| Centurion CDO 9 Ltd., Series 2005-9A, Class D1, 5.216%, 7/17/19 ⁽⁹⁾ | 500 | 382,312 |

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2012

Portfolio of Investments continued

| Security | Principal Amount (000 s omitted) | Value |
|--|---|---------------------|
| Madison Park Funding Ltd., Series 2006-2A, Class D, 5.218%, 3/25/20 ⁽⁸⁾⁽⁹⁾ | \$ 1,000 | \$ 795,096 |
| Schiller Park CLO Ltd., Series 2007-1A, Class D, 2.716%, 4/25/21 ⁽⁸⁾⁽⁹⁾ | 1,000 | 741,072 |
| Total Asset-Backed Securities (identified cost \$4,359,616) | | \$ 3,478,126 |

Common Stocks 1.5%

| Security | Shares | Value |
|---|--------|-------------------|
| Automotive 0.1% | | |
| Dayco Products, LLC ⁽¹⁰⁾⁽¹¹⁾ | 10,159 | \$ 363,184 |
| | | \$ 363,184 |

Building and Development 0.1%

| | | |
|--|-----|------------|
| Panolam Holdings Co. ⁽⁵⁾⁽¹¹⁾⁽¹²⁾ | 131 | \$ 213,543 |
| United Subcontractors, Inc. ⁽⁵⁾⁽¹⁰⁾⁽¹¹⁾ | 277 | 11,257 |

| | | |
|--|--------|-------------------|
| | | \$ 224,800 |
| | | |
| Diversified Manufacturing 0.0% | | |
| MEGA Brands, Inc. ⁽¹¹⁾ | 8,319 | \$ 50,672 |
| | | \$ 50,672 |
| | | |
| Financial Intermediaries 0.0% | | |
| RTS Investor Corp. ⁽⁵⁾⁽¹⁰⁾⁽¹¹⁾ | 41 | \$ 3,912 |
| | | \$ 3,912 |
| | | |
| Food Service 0.0% | | |
| Buffets, Inc. ⁽⁵⁾⁽¹⁰⁾⁽¹¹⁾ | 12,234 | \$ 0 |
| | | \$ 0 |
| | | |
| Home Furnishings 0.1% | | |
| Oreck Corp. ⁽⁵⁾⁽¹⁰⁾⁽¹¹⁾ | 2,275 | \$ 130,585 |
| Sanitec Europe Oy B Units ⁽⁵⁾⁽¹⁰⁾⁽¹¹⁾ | 26,249 | 174,395 |
| Sanitec Europe Oy E Units ⁽⁵⁾⁽¹⁰⁾⁽¹¹⁾ | 25,787 | 0 |
| | | \$ 304,980 |
| | | |
| Leisure Goods / Activities/Movies 0.2% | | |

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| | | |
|--|--------|---------------------|
| Metro-Goldwyn-Mayer Holdings, Inc. ⁽¹⁰⁾⁽¹¹⁾ | 22,424 | \$ 566,206 |
| | | \$ 566,206 |
| Lodging and Casinos 0.2% | | |
| Affinity Gaming, LLC ⁽¹⁰⁾⁽¹¹⁾ | 23,498 | \$ 262,398 |
| Greektown Superholdings, Inc. ⁽¹¹⁾ | 45 | 2,295 |
| Tropicana Entertainment, Inc. ⁽⁵⁾⁽¹⁰⁾⁽¹¹⁾ | 25,430 | 356,020 |
| | | \$ 620,713 |
| Nonferrous Metals / Minerals 0.1% | | |
| Euramax International, Inc. ⁽¹⁰⁾⁽¹¹⁾ | 468 | \$ 130,900 |
| | | \$ 130,900 |
| Oil and Gas 0.0% | | |
| SemGroup Corp. ⁽¹¹⁾ | 750 | \$ 23,948 |
| | | \$ 23,948 |
| Publishing 0.7% | | |
| Ion Media Networks, Inc. ⁽⁵⁾⁽¹⁰⁾⁽¹¹⁾ | 2,155 | \$ 1,591,144 |
| MediaNews Group, Inc. ⁽⁵⁾⁽¹⁰⁾⁽¹¹⁾ | 5,771 | 123,907 |
| SuperMedia, Inc. ⁽¹⁰⁾⁽¹¹⁾ | 3,353 | 8,383 |
| | | \$ 1,723,434 |

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Total Common Stocks
(identified cost \$2,475,177) **\$ 4,012,749**

Warrants 0.0%

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

Oil and Gas 0.0%

| | | |
|--|-----|-----------------|
| SemGroup Corp., Expires 11/30/14 ⁽¹¹⁾ | 789 | \$ 7,140 |
| | | \$ 7,140 |

Publishing 0.0%

| | | |
|--|-----|-------------|
| Reader s Digest Association, Inc. (The), Expires 2/14/19 ⁽¹⁰⁾⁽¹¹⁾ | 781 | \$ 0 |
| | | \$ 0 |

Retailers (Except Food and Drug) 0.0%

| | | |
|--|-------|-------------|
| Oriental Trading Co., Inc., Expires 2/11/16 ⁽⁵⁾⁽¹⁰⁾⁽¹¹⁾ | 4,188 | \$ 0 |
| Oriental Trading Co., Inc., Expires 2/11/16 ⁽⁵⁾⁽¹⁰⁾⁽¹¹⁾ | 3,817 | 0 |
| | | \$ 0 |

Total Warrants
(identified cost \$8) **\$ 7,140**

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2012

Portfolio of Investments continued

Miscellaneous 0.0%

| Security | Shares | | Value |
|--|---------|-----------|---------------|
| Business Equipment and Services 0.0% | | | |
| NCS Acquisition Corp., Escrow Certificate ⁽⁵⁾⁽¹¹⁾ | 20,000 | \$ | 276 |
| | | \$ | 276 |
| Cable and Satellite Television 0.0% | | | |
| Adelphia Recovery Trust ⁽⁵⁾⁽¹¹⁾ | 261,268 | \$ | 0 |
| Adelphia, Inc., Escrow Certificate ⁽¹¹⁾ | 270,000 | | 2,362 |
| | | \$ | 2,362 |
| Oil and Gas 0.0% | | | |
| SemGroup Corp., Escrow Certificate ⁽¹¹⁾ | 290,000 | \$ | 13,050 |
| | | \$ | 13,050 |
| Total Miscellaneous (identified cost \$251,158) | | \$ | 15,688 |

Short-Term Investments 2.9%

| Description | Interest/ Principal Amount (000 s omitted) | Value |
|--|---|-----------------------------|
| Eaton Vance Cash Reserves Fund, LLC, 0.10% ⁽¹³⁾ | \$ 3,807 | \$ 3,806,806 |
| State Street Bank and Trust Euro Time Deposit, 0.01%, 7/2/12 | 3,693 | 3,692,678 |
| Total Short-Term Investments (identified cost \$7,499,484) | | \$ 7,499,484 |
| Total Investments 160.7% (identified cost \$426,242,695) | | \$ 422,948,680 |
| Less Unfunded Loan Commitments (0.2)% | | \$ (693,828) |
| Net Investments 160.5% (identified cost \$425,548,867) | | \$ 422,254,852 |
| Other Assets, Less Liabilities (18.7)% | | \$ (49,086,166) |
| Auction Preferred Shares Plus Cumulative Unpaid Dividends (41.8)% | | \$ (110,000,985) |
| Net Assets Applicable to Common Shares 100.0% | | \$ 263,167,701 |

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

EUR - Euro
GBP - British Pound Sterling

* In U.S. dollars unless otherwise indicated.

- (1) Senior floating-rate interests (Senior Loans) often require prepayments from excess cash flows or permit the borrowers to repay at their election. The degree to which borrowers repay, whether as a contractual requirement or at their election, cannot be predicted with accuracy. As a result, the actual remaining maturity may be substantially less than the stated maturities shown. However, Senior Loans will have an expected average life of approximately two to four years. The stated interest rate represents the weighted average interest rate of all contracts within the senior loan facility and includes commitment fees on unfunded loan commitments, if any. Senior Loans typically have rates of interest which are redetermined either daily, monthly, quarterly or semi-annually by reference to a base lending rate, plus a premium. These base lending rates are primarily the London Interbank Offered Rate (LIBOR) and secondarily, the prime rate offered by one or more major United States banks (the Prime Rate) and the certificate of deposit (CD) rate or other base lending rates used by commercial lenders.
- (2) This Senior Loan will settle after June 30, 2012, at which time the interest rate will be determined.
- (3) Amount is less than 0.05%.
- (4) Unfunded or partially unfunded loan commitments. See Note 1G for description.
- (5) For fair value measurement disclosure purposes, security is categorized as Level 3 (see Note 13).
- (6) 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.
- (7) Represents a payment-in-kind security which may pay all or a portion of interest in additional par.
- (8) Security exempt from registration pursuant to Rule 144A under the Securities Act of 1933. These securities may be sold in certain transactions (normally to qualified institutional buyers) and remain exempt from registration. At June 30, 2012, the aggregate value of these securities is \$17,409,520 or 6.6% of the Trust's net assets applicable to common shares.
- (9) Variable rate security. The stated interest rate represents the rate in effect at June 30, 2012.
- (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.
- (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 June 30, 2012.

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2012

Statement of Assets and Liabilities

| Assets | June 30, 2012 |
|--|-----------------------|
| Unaffiliated investments, at value (identified cost, \$421,742,061) | \$ 418,448,046 |
| Affiliated investment, at value (identified cost, \$3,806,806) | 3,806,806 |
| Foreign currency, at value (identified cost, \$38,534) | 38,947 |
| Interest receivable | 1,778,266 |
| Interest receivable from affiliated investment | 319 |
| Receivable for investments sold | 473,623 |
| Receivable for open forward foreign currency exchange contracts | 277,743 |
| Prepaid expenses and other assets | 24,129 |
| Total assets | \$ 424,847,879 |
| | |
| Liabilities | |
| Notes payable | \$ 46,000,000 |
| Payable for investments purchased | 5,007,277 |
| Payable for open forward foreign currency exchange contracts | 43,149 |
| Payable to affiliates: | |
| Investment adviser fee | 279,576 |
| Administration fee | 85,237 |
| Trustees fees | 4,200 |
| Accrued expenses | 259,754 |
| Total liabilities | \$ 51,679,193 |
| | |
| Auction preferred shares (4,400 shares outstanding) at liquidation value plus cumulative unpaid dividends | \$ 110,000,985 |

Net assets applicable to common shares **\$ 263,167,701**

Sources of Net Assets

| | |
|---|--------------|
| Common shares, \$0.01 par value, unlimited number of shares authorized, 36,752,548 shares issued and outstanding | \$ 367,525 |
| Additional paid-in capital | 316,558,831 |
| Accumulated net realized loss | (51,883,726) |
| Accumulated undistributed net investment income | 1,212,423 |
| Net unrealized depreciation | (3,087,352) |

Net assets applicable to common shares **\$ 263,167,701**

Net Asset Value Per Common Share

(\$263,167,701 , 36,752,548 common shares issued and outstanding) **\$ 7.16**

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2012

Statement of Operations

| | Year Ended June 30, 2012 |
|---|-------------------------------------|
| Investment Income | |
| Interest and other income | \$ 21,763,212 |
| Interest allocated from affiliated investment | 10,959 |
| Expenses allocated from affiliated investment | (1,981) |
| Total investment income | \$ 21,772,190 |

Expenses

| | |
|---|--------------|
| Investment adviser fee | \$ 3,379,690 |
| Administration fee | 1,020,071 |
| Trustees' fees and expenses | 15,882 |
| Custodian fee | 267,012 |
| Transfer and dividend disbursing agent fees | 21,591 |
| Legal and accounting services | 160,573 |
| Printing and postage | 53,327 |
| Interest expense and fees | 597,037 |
| Preferred shares service fee | 162,982 |
| Miscellaneous | 113,519 |

Total expenses **\$ 5,791,684**

Deduct
Reduction of custodian fee \$ 9

Total expense reductions **\$ 9**

Net expenses **\$ 5,791,675**

Net investment income **\$ 15,980,515**

Realized and Unrealized Gain (Loss)

Net realized gain (loss)

Investment transactions \$ 691,972

Investment transactions allocated from affiliated investment 414

Foreign currency and forward foreign currency exchange contract transactions 1,729,140

Net realized gain **\$ 2,421,526**

Change in unrealized appreciation (depreciation)

Investments \$ (5,081,413)

Foreign currency and forward foreign currency exchange contracts 221,475

Net change in unrealized appreciation (depreciation) **\$ (4,859,938)**

Net realized and unrealized loss **\$ (2,438,412)**

Distributions to preferred shareholders

From net investment income \$ (93,709)

Net increase in net assets from operations **\$ 13,448,394**

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2012

Statements of Changes in Net Assets

| | Year Ended June 30, | |
|---|----------------------------|------------------------|
| | 2012 | 2011 |
| Increase (Decrease) in Net Assets | | |
| From operations | | |
| Net investment income | \$ 15,980,515 | \$ 15,386,479 |
| Net realized gain (loss) from investment, foreign currency and forward foreign currency exchange contract transactions | 2,421,526 | (6,966,293) |
| Net change in unrealized appreciation (depreciation) from investments, foreign currency and forward foreign currency exchange contracts | (4,859,938) | 27,090,679 |
| Distributions to preferred shareholders | | |
| From net investment income | (93,709) | (218,335) |
| Net increase in net assets from operations | \$ 13,448,394 | \$ 35,292,530 |
| Distributions to common shareholders | | |
| From net investment income | \$ (16,207,874) | \$ (16,171,463) |
| Total distributions to common shareholders | \$ (16,207,874) | \$ (16,171,463) |
| Capital share transactions | | |
| Reinvestment of distributions to common shareholders | \$ | \$ 1,065,574 |
| Net increase in net assets from capital share transactions | \$ | \$ 1,065,574 |
| Net increase (decrease) in net assets | \$ (2,759,480) | \$ 20,186,641 |

Net Assets Applicable to Common Shares

| | | |
|-----------------------|-----------------------|-----------------------|
| At beginning of year | \$ 265,927,181 | \$ 245,740,540 |
| At end of year | \$ 263,167,701 | \$ 265,927,181 |

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

| | | |
|-----------------------|---------------------|---------------------|
| At end of year | \$ 1,212,423 | \$ 2,683,963 |
|-----------------------|---------------------|---------------------|

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2012

Statement of Cash Flows

| | Year Ended June 30, 2012 |
|---|-------------------------------------|
| Cash Flows From Operating Activities | |
| Net increase in net assets from operations | \$ 13,448,394 |
| Distributions to preferred shareholders | 93,709 |
| Net increase in net assets from operations excluding distributions to preferred shareholders | \$ 13,542,103 |
| Adjustments to reconcile net increase in net assets from operations to net cash provided by operating activities: | |
| Investments purchased | (168,159,247) |
| Investments sold and principal repayments | 151,325,961 |
| Decrease in short-term investments, net | 8,792,985 |
| Net amortization/accretion of premium (discount) | (1,762,243) |
| Decrease in restricted cash | 265,564 |
| Decrease in interest and dividends receivable | 32,211 |
| Decrease in interest receivable from affiliated investment | 618 |
| Increase in receivable for investments sold | (469,779) |
| Decrease in receivable for open forward foreign currency exchange contracts | 17,137 |
| Increase in prepaid expenses and other assets | (9,618) |
| Decrease in payable for investments purchased | (4,067,861) |
| Decrease in payable for open forward foreign currency exchange contracts | (255,336) |
| Decrease in payable to affiliate for investment adviser fee | (1,843) |
| Increase in payable to affiliate for administration fee | 475 |
| Increase in payable to affiliate for Trustees fees | 750 |
| Increase in accrued expenses | 24,917 |
| Decrease in unfunded loan commitments | (456,040) |
| Net change in unrealized (appreciation) depreciation from investments | 5,081,413 |
| Net realized gain from investments | (691,972) |
| Net cash provided by operating activities | \$ 3,210,195 |

Cash Flows From Financing Activities

| | |
|---|-----------------|
| Distributions paid to common shareholders, net of reinvestments | \$ (16,207,874) |
| Cash distributions to preferred shareholders | (93,940) |
| Proceeds from notes payable | 10,000,000 |

Net cash used in financing activities **\$ (6,301,814)**

Net decrease in cash* **\$ (3,091,619)**

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

Cash at end of year⁽¹⁾ **\$ 38,947**

Supplemental disclosure of cash flow information:

Cash paid for interest and fees on borrowings \$ 592,123

* Includes net change in unrealized appreciation (depreciation) on foreign currency of \$1,288.

⁽¹⁾ Balance includes foreign currency, at value.

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2012

Financial Highlights

Selected data for a common share outstanding during the periods stated

| | Year Ended June 30, | | | | |
|---|----------------------------|-------------------|-------------------|-------------------|-------------------|
| | 2012 | 2011 | 2010 | 2009 | 2008 |
| Net asset value Beginning of year (Common shares) | \$ 7.240 | \$ 6.710 | \$ 5.480 | \$ 7.480 | \$ 8.800 |
| Income (Loss) From Operations | | | | | |
| Net investment income ⁽¹⁾ | \$ 0.435 | \$ 0.420 | \$ 0.395 | \$ 0.492 | \$ 0.742 |
| Net realized and unrealized gain (loss) | (0.071) | 0.557 | 1.198 | (2.012) | (1.324) |
| Distributions to preferred shareholders | | | | | |
| From net investment income ⁽¹⁾ | (0.003) | (0.006) | (0.006) | (0.033) | (0.133) |
| Total income (loss) from operations | \$ 0.361 | \$ 0.971 | \$ 1.587 | \$ (1.553) | \$ (0.715) |
| Less Distributions to Common Shareholders | | | | | |
| From net investment income | \$ (0.441) | \$ (0.441) | \$ (0.357) | \$ (0.439) | \$ (0.605) |
| Tax return of capital | | | | (0.008) | |
| Total distributions to common shareholders | \$ (0.441) | \$ (0.441) | \$ (0.357) | \$ (0.447) | \$ (0.605) |

| | | | | | |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|
| Net asset value End of year (Common shares) | \$ 7.160 | \$ 7.240 | \$ 6.710 | \$ 5.480 | \$ 7.480 |
| Market value End of year (Common shares) | \$ 7.020 | \$ 7.200 | \$ 6.630 | \$ 4.690 | \$ 6.620 |
| Total Investment Return on Net Asset Value⁽²⁾ | 5.58% | 14.80% | 29.77% | (18.99)% | (7.58)% |
| Total Investment Return on Market Value⁽²⁾ | 4.09% | 15.55% | 49.83% | (21.66)% | (16.01)% |

Ratios/Supplemental Data

| | | | | | |
|--|------------|------------|------------|------------|------------|
| Net assets applicable to common shares, end of year (000 shares omitted) | \$ 263,168 | \$ 265,927 | \$ 245,741 | \$ 200,183 | \$ 272,941 |
| Ratios (as a percentage of average daily net assets applicable to common shares): ⁽³⁾ | | | | | |
| Expenses excluding interest and fees ⁽⁴⁾ | 2.01% | 1.95% | 2.05% | 2.44% | 2.22% |
| Interest and fee expense | 0.23% | 0.23% | 0.25% | 0.99% | 1.95% |
| Total expenses | 2.24% | 2.18% | 2.30% | 3.43% | 4.17% |
| Net investment income | 6.17% | 5.90% | 6.08% | 9.64% | 9.47% |
| Portfolio Turnover | 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): ⁽³⁾ | | | | | |
| Expenses excluding interest and fees ⁽⁴⁾ | 1.27% | 1.26% | 1.31% | 1.54% | 1.60% |
| Interest and fee expense | 0.15% | 0.15% | 0.16% | 0.62% | 1.41% |
| Total expenses | 1.42% | 1.41% | 1.47% | 2.16% | 3.01% |
| Net investment income | 3.93% | 3.82% | 3.90% | 6.06% | 6.84% |

Senior Securities:

| | | | | | |
|--|-----------|-----------|-----------|------------|------------|
| Total notes payable outstanding (in 000 s) | \$ 46,000 | \$ 36,000 | \$ 31,000 | \$ 3,000 | \$ 105,000 |
| Asset coverage per \$1,000 of notes payable ⁽⁵⁾ | \$ 9,112 | \$ 11,442 | \$ 12,476 | \$ 104,397 | \$ 4,648 |
| Total preferred shares outstanding | 4,400 | 4,400 | 4,400 | 4,400 | 4,400 |
| Asset coverage per preferred share ⁽⁶⁾ | \$ 67,174 | \$ 70,536 | \$ 68,571 | \$ 69,290 | \$ 56,770 |
| Involuntary liquidation preference per preferred share ⁽⁷⁾ | \$ 25,000 | \$ 25,000 | \$ 25,000 | \$ 25,000 | \$ 25,000 |
| Approximate market value per preferred share ⁽⁷⁾ | \$ 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.
- (3) Ratios do not reflect the effect of dividend payments to preferred shareholders.
- (4) Excludes the effect of custody fee credits, if any, of less than 0.005%.
- (5) 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.
- (6) 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 269%, 282%, 274%, 277% and 227% at June 30, 2012, 2011, 2010, 2009 and 2008, respectively.
- (7) Plus accumulated and unpaid dividends.

See Notes to Financial Statements.

Eaton Vance
Senior Income Trust

June 30, 2012

Notes to Financial Statements

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 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 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.

Eaton Vance
Senior Income Trust

June 30, 2012

Notes to Financial Statements continued

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 current year 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 current year 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 June 30, 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 June 30, 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 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

June 30, 2012

Notes to Financial Statements continued

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 on the date of the auction.

The number of APS issued and outstanding as of June 30, 2012 is as follows:

| | APS Issued and Outstanding |
|----------|---------------------------------------|
| 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 June 30, 2012, and the amount of dividends accrued (including capital gains, if any) to APS shareholders, average APS dividend rates, and dividend rate ranges for the year then ended were as follows:

| | APS Dividend Rates at June 30, 2012 | Dividends Accrued to APS Shareholders | Average APS Dividend Rates | Dividend Rate Ranges (%) |
|----------|--|--|---|---|
| Series A | 0.13% | \$ 50,319 | 0.09% | 0.03 0.16 |
| Series B | 0.08 | \$ 43,390 | 0.08 | 0.03 0.16 |

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 June 30, 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

June 30, 2012

Notes to Financial Statements continued

The tax character of distributions declared for the years ended June 30, 2012 and June 30, 2011 was as follows:

| | Year Ended June 30, | |
|-------------------------------------|----------------------------|---------------|
| | 2012 | 2011 |
| Distributions declared from: | | |
| Ordinary income | \$ 16,301,583 | \$ 16,389,798 |

During the year ended June 30, 2012, accumulated net realized loss was decreased by \$5,120,214, accumulated undistributed net investment income was decreased by \$1,150,472 and paid-in capital was decreased by \$3,969,742 due to expired capital loss carryforwards and differences between book and tax accounting, primarily for foreign currency gain (loss), mixed straddles and defaulted bond interest. These reclassifications had no effect on the net assets or net asset value per share of the Trust.

As of June 30, 2012, the components of distributable earnings (accumulated losses) and unrealized appreciation (depreciation) on a tax basis were as follows:

| | |
|---|-----------------|
| Undistributed ordinary income | \$ 1,288,482 |
| Capital loss carryforward and deferred capital losses | \$ (51,841,912) |
| Net unrealized depreciation | \$ (3,205,225) |

The differences between components of distributable earnings (accumulated losses) on a tax basis and the amounts reflected in the Statement of Assets and Liabilities are primarily due to wash sales, defaulted bond interest and investments in partnerships.

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% (0.83% prior to May 1, 2012) of the Trust's average weekly gross assets and is payable monthly. Gross assets are 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 year ended June 30, 2012, the Trust's investment adviser fee totaled \$3,379,690. 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 year ended June 30, 2012, the administration fee amounted to \$1,020,071.

Except for Trustees of the Trust who are not members of EVM's organization, officers and Trustees 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 year ended June 30, 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 \$168,159,247 and \$151,325,961, respectively, for the year ended June 30, 2012.

6 Common Shares of Beneficial Interest

The Trust may issue common shares pursuant to its dividend reinvestment plan. There were no transactions in common shares for the year ended June 30, 2012. Common shares issued pursuant to the Trust's dividend reinvestment plan for the year ended June 30, 2011 were 149,763.

Eaton Vance
Senior Income Trust

June 30, 2012

Notes to Financial Statements continued

7 Federal Income Tax Basis of Investments

The cost and unrealized appreciation (depreciation) of investments of the Trust at June 30, 2012, as determined on a federal income tax basis, were as follows:

| | |
|------------------------------------|-----------------------|
| Aggregate cost | \$ 425,666,740 |
| Gross unrealized appreciation | \$ 5,725,325 |
| Gross unrealized depreciation | (9,137,213) |
| Net unrealized depreciation | \$ (3,411,888) |

8 Restricted Securities

At June 30, 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.

| Description | Date of Acquisition | Shares | Cost | Value |
|----------------------|------------------------|--------|-----------|------------|
| Common Stocks | | | | |
| Panolam Holdings Co. | 12/30/09 | 131 | \$ 71,985 | \$ 213,543 |

| | | |
|------------------------------------|-----------|------------|
| Total Restricted Securities | \$ 71,985 | \$ 213,543 |
|------------------------------------|-----------|------------|

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.

Eaton Vance
Senior Income Trust

June 30, 2012

Notes to Financial Statements continued

A summary of obligations under these financial instruments at June 30, 2012 is as follows:

**Forward Foreign Currency Exchange Contracts
Sales**

| Settlement Date | Deliver | In Exchange For | Counterparty | Net Unrealized Appreciation (Depreciation) |
|------------------------|--|--------------------------------------|------------------------|---|
| 7/31/12 | British Pound Sterling 321,144 | United States Dollar 519,723 | HSBC Bank USA | \$ 16,798 |
| 7/31/12 | British Pound Sterling 500,000 | United States Dollar 800,623 | JPMorgan Chase Bank | 17,601 |
| 7/31/12 | Euro 4,183,265 | United States Dollar 5,538,434 | Deutsche Bank | 243,344 |
| 8/31/12 | British Pound Sterling 3,321,989 | United States Dollar 5,191,887 | JPMorgan Chase Bank | (10,044) |
| 8/31/12 | Euro 1,921,849 | United States Dollar 2,400,313 | Citibank NA | (33,105) |
| | | | | \$ 234,594 |

At June 30, 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 June 30, 2012, the fair value of derivatives with credit-related contingent features in a net liability position was \$43,149.

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 June 30, 2012, the maximum amount of loss the Trust would incur due to counterparty risk was \$277,743, representing the fair value of such derivatives in an asset position, with the highest amount from any one counterparty being \$243,344. 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 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.

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 June 30, 2012 was as follows:

| Derivative | Fair Value | |
|---|---------------------------|-----------------------------|
| | Asset Derivative | Liability Derivative |
| Forward Foreign Currency Exchange Contracts | \$ 277,743 ⁽¹⁾ | \$ (43,149) ⁽²⁾ |

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

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

Eaton Vance
Senior Income Trust

June 30, 2012

Notes to Financial Statements continued

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 year ended June 30, 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 | \$ 2,106,228 ⁽¹⁾ | \$ 238,199 ⁽²⁾ |

(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 year ended June 30, 2012, which is indicative of the volume of this derivative type, was approximately \$20,648,000.

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, the Trust also pays a program fee of 0.60% (0.75% prior to November 10, 2011) per annum on its outstanding borrowings to administer the facility and a liquidity fee of 0.45% (0.50% prior to November 10, 2011) per annum on the amount of the facility. Program and liquidity fees for the year ended June 30, 2012 totaled \$489,482 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 June 30, 2012, the Trust had borrowings outstanding under the Agreement of \$46,000,000 at an interest rate of 0.42%. The carrying amount of the borrowings at June 30, 2012 approximated its fair value. If measured at fair value, borrowings under the Agreement would have been considered as Level 2 in the fair value

hierarchy (see Note 13) at June 30, 2012. For the year ended June 30, 2012, the average borrowings under the Agreement and the average interest rate were \$38,021,858 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 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)

Eaton Vance
Senior Income Trust

June 30, 2012

Notes to Financial Statements continued

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 June 30, 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) | \$ | \$ 384,968,834 | \$ 400,639 | \$ 385,369,473 |
| Corporate Bonds & Notes | | 21,812,982 | 59,210 | 21,872,192 |
| Asset-Backed Securities | | 3,478,126 | | 3,478,126 |
| Common Stocks | 83,003 | 1,324,983 | 2,604,763 | 4,012,749 |
| Warrants | | 7,140 | 0 | 7,140 |
| Miscellaneous | | 15,412 | 276 | 15,688 |
| Short-Term Investments | | 7,499,484 | | 7,499,484 |
| Total Investments | \$ 83,003 | \$ 419,106,961 | \$ 3,064,888 | \$ 422,254,852 |
| Forward Foreign Currency Exchange Contracts | \$ | \$ 277,743 | \$ | \$ 277,743 |
| Total | \$ 83,003 | \$ 419,384,704 | \$ 3,064,888 | \$ 422,532,595 |

Liability Description

| | | | | | | |
|---|-----------|-----------|-----------------|-----------|-----------|-----------------|
| Forward Foreign Currency Exchange Contracts | \$ | \$ | (43,149) | \$ | \$ | (43,149) |
| Total | \$ | \$ | (43,149) | \$ | \$ | (43,149) |

The following is a reconciliation of Level 3 assets for which significant unobservable inputs were used to determine fair value:

| | Investments in Senior Floating-Rate Interests | Investments in Corporate Bonds & Notes | Investments in Common Stocks, Warrants and Miscellaneous | Total |
|--|--|---|---|---------------------|
| Balance as of June 30, 2011 | \$ 810,063 | \$ 185,452 | \$ 3,601,369 | \$ 4,596,884 |
| Realized gains (losses) | (544,319) | 114,308 | 887,531 | 457,520 |
| Change in net unrealized appreciation (depreciation)* | 647,464 | (27,954) | (849,543) | (230,033) |
| Cost of purchases ⁽¹⁾ | 3,694 | 4,838 | | 8,532 |
| Proceeds from sales ⁽¹⁾ | (521,620) | (218,808) | (1,051,931) | (1,792,359) |
| Accrued discount (premium) | 5,357 | 1,374 | | 6,731 |
| Transfers to Level 3** | | | 137,219 | 137,219 |
| Transfers from Level 3** | | | (119,606) | (119,606) |
| Balance as of June 30, 2012 | \$ 400,639 | \$ 59,210 | \$ 2,605,039 | \$ 3,064,888 |
| Change in net unrealized appreciation (depreciation) on investments still held as of June 30, 2012* | \$ 45,436 | \$ (5,856) | \$ (30,745) | \$ 8,835 |

* Amount is included in the related amount on investments in the Statement of Operations.

**

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Transfers are reflected at the value of the securities at the beginning of the period. Transfers from Level 2 to Level 3 were due to a reduction in the availability of significant observable inputs in determining the fair value of these investments. Transfers from Level 3 to Level 2 were due to increased market trading activity resulting in the availability of significant observable inputs in determining the fair value of these investments.

- (1) Cost of purchases may include securities received in corporate actions; proceeds from sales may include securities delivered in corporate actions.

None of the unobservable inputs for Level 3 assets, individually or collectively, had a material impact on the Trust.

At June 30, 2012, there were no investments transferred between Level 1 and Level 2 during the year then ended.

Eaton Vance
Senior Income Trust

June 30, 2012

Report of Independent Registered Public Accounting Firm

To the Trustees and Shareholders of Eaton Vance Senior Income Trust:

We have audited the accompanying statement of assets and liabilities of Eaton Vance Senior Income Trust (the Trust), including the portfolio of investments, as of June 30, 2012, and the related statements of operations and cash flows for the year then ended, the statements of changes in net assets for each of the two years in the period then ended, and the financial highlights for each of the five years in the period then ended. These financial statements and financial highlights are the responsibility of the Trust's management. Our responsibility is to express an opinion on these financial statements and financial highlights based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements and financial highlights are free of material misstatement. The Trust is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Trust's internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. Our procedures included confirmation of securities and senior loans owned as of June 30, 2012, by correspondence with the custodian, brokers and selling or agent banks; where replies were not received from brokers and selling or agent banks, we performed other auditing procedures. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements and financial highlights referred to above present fairly, in all material respects, the financial position of Eaton Vance Senior Income Trust as of June 30, 2012, the results of its operations and its cash flows for the year then ended, the changes in its net assets for each of the two years in the period then ended, and the financial highlights for each of the five years in the period then ended, in conformity with accounting principles generally accepted in the United States of America.

DELOITTE & TOUCHE LLP
Boston, Massachusetts
August 15, 2012

Eaton Vance
Senior Income Trust

June 30, 2012

Federal Tax Information (Unaudited)

The Form 1099-DIV you receive in January 2013 will show the tax status of all distributions paid to your account in calendar year 2012. Shareholders are advised to consult their own tax adviser with respect to the tax consequences of their investment in the Trust.

Eaton Vance
Senior Income Trust

June 30, 2012

Dividend Reinvestment Plan

The Fund offers a dividend reinvestment plan (Plan) pursuant to which shareholders automatically have distributions reinvested in common shares (Shares) of the Fund unless they elect otherwise through their investment dealer. On the distribution payment date, if the NAV per Share is equal to or less than the market price per Share plus estimated brokerage commissions, then new Shares will be issued. The number of Shares shall be determined by the greater of the NAV per Share or 95% of the market price. Otherwise, Shares generally will be purchased on the open market by American Stock Transfer & Trust Company, the Plan agent (Agent). Distributions subject to income tax (if any) are taxable whether or not Shares are reinvested.

If your Shares are in the name of a brokerage firm, bank, or other nominee, you can ask the firm or nominee to participate in the Plan on your behalf. If the nominee does not offer the Plan, you will need to request that the Fund's transfer agent re-register your Shares in your name or you will not be able to participate.

The Agent's service fee for handling distributions will be paid by the Fund. Plan participants will be charged their pro rata share of brokerage commissions on all open-market purchases.

Plan participants may withdraw from the Plan at any time by writing to the Agent at the address noted on the following page. If you withdraw, you will receive Shares in your name for all Shares credited to your account under the Plan. If a participant elects by written notice to the Agent to sell part or all of his or her Shares and remit the proceeds, the Agent is authorized to deduct a \$5.00 fee plus brokerage commissions from the proceeds.

If you wish to participate in the Plan and your Shares are held in your own name, you may complete the form on the following page and deliver it to the Agent. Any inquiries regarding the Plan can be directed to the Agent at 1-866-439-6787.

Eaton Vance
Senior Income Trust

June 30, 2012

Application for Participation in Dividend Reinvestment Plan

This form is for shareholders who hold their common shares in their own names. If your common shares are held in the name of a brokerage firm, bank, or other nominee, you should contact your nominee to see if it will participate in the Plan on your behalf. If you wish to participate in the Plan, but your brokerage firm, bank, or nominee is unable to participate on your behalf, you should request that your common shares be re-registered in your own name which will enable your participation in the Plan.

The following authorization and appointment is given with the understanding that I may terminate it at any time by terminating my participation in the Plan as provided in the terms and conditions of the Plan.

Please print exact name on account:

| | |
|-----------------------|------|
| Shareholder signature | Date |
| Shareholder signature | Date |

Please sign exactly as your common shares are registered. All persons whose names appear on the share certificate must sign.

YOU SHOULD NOT RETURN THIS FORM IF YOU WISH TO RECEIVE YOUR DISTRIBUTIONS IN CASH. THIS IS NOT A PROXY.

This authorization form, when signed, should be mailed to the following address:

Eaton Vance Senior Income Trust
c/o American Stock Transfer & Trust Company
P.O. Box 922
Wall Street Station
New York, NY 10269-0560

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 June 30, 2012, Fund records indicate that there are 408 registered shareholders and approximately 11,291 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
Senior Income Trust

June 30, 2012

Board of Trustees Contract Approval

Overview of the Contract Review Process

The Investment Company Act of 1940, as amended (the 1940 Act), provides, in substance, that each investment advisory agreement between a fund and its investment adviser will continue in effect from year to year only if its continuation is approved at least annually by the fund's board of trustees, including by a vote of a majority of the trustees who are not interested persons of the fund (Independent Trustees), cast in person at a meeting called for the purpose of considering such approval.

At a meeting of the Boards of Trustees (each a Board) of the Eaton Vance group of mutual funds (the Eaton Vance Funds) held on April 23, 2012, the Board, including a majority of the Independent Trustees, voted to approve continuation of existing advisory and sub-advisory agreements for the Eaton Vance Funds for an additional one-year period. In voting its approval, the Board relied upon the affirmative recommendation of the Contract Review Committee of the Board, which is a committee comprised exclusively of Independent Trustees. Prior to making its recommendation, the Contract Review Committee reviewed information furnished by each adviser to the Eaton Vance Funds (including information specifically requested by the Board) for a series of meetings of the Contract Review Committee held between February and April 2012, as well as information considered during prior meetings of the committee. Such information included, among other things, the following:

Information about Fees, Performance and Expenses

An independent report comparing the advisory and related fees paid by each fund with fees paid by comparable funds;

An independent report comparing each fund's total expense ratio and its components to comparable funds;

An independent report comparing the investment performance of each fund (including, where relevant, yield data, Sharpe ratios and information ratios) to the investment performance of comparable funds over various time periods;

Data regarding investment performance in comparison to benchmark indices and customized peer groups, in each case as approved by the Board with respect to the funds;

For each fund, comparative information concerning the fees charged and the services provided by each adviser in managing other accounts (including mutual funds, other collective investment funds and institutional accounts) using investment strategies and techniques similar to those used in managing such fund;

Profitability analyses for each adviser with respect to each fund;

Information about Portfolio Management and Trading

Descriptions of the investment management services provided to each fund, including the investment strategies and processes employed, and any changes in portfolio management processes and personnel;

Information about the allocation of brokerage and the benefits received by each adviser as a result of brokerage allocation, including information concerning the acquisition of research through client commission arrangements

and the fund's policies with respect to soft dollar arrangements;
Data relating to portfolio turnover rates of each fund;
The procedures and processes used to determine the fair value of fund assets and actions taken to monitor and test the effectiveness of such procedures and processes;
Information about each adviser's processes for monitoring best execution of portfolio transactions, and other policies and practices of each adviser with respect to trading;

Information about each Adviser

Reports detailing the financial results and condition of each adviser;
Descriptions of the qualifications, education and experience of the individual investment professionals whose responsibilities include portfolio management and investment research for the funds, and information relating to their compensation and responsibilities with respect to managing other mutual funds and investment accounts;
Copies of the Codes of Ethics of each adviser and its affiliates, together with information relating to compliance with and the administration of such codes;
Copies of or descriptions of each adviser's policies and procedures relating to proxy voting, the handling of corporate actions and class actions;
Information concerning the resources devoted to compliance efforts undertaken by each adviser and its affiliates on behalf of the funds (including descriptions of various compliance programs) and their record of compliance with investment policies and restrictions, including policies with respect to market-timing, late trading and selective portfolio disclosure, and with policies on personal securities transactions;
Descriptions of the business continuity and disaster recovery plans of each adviser and its affiliates;
A description of Eaton Vance Management's procedures for overseeing third party advisers and sub-advisers, including with respect to regulatory and compliance issues, investment management and other matters;

Eaton Vance
Senior Income Trust

June 30, 2012

Board of Trustees Contract Approval continued

Other Relevant Information

Information concerning the nature, cost and character of the administrative and other non-investment management services provided by Eaton Vance Management and its affiliates;
Information concerning management of the relationship with the custodian, subcustodians and fund accountants by each adviser or the funds' administrator; and
The terms of each advisory agreement.

In addition to the information identified above, the Contract Review Committee considered information provided from time to time by each adviser throughout the year at meetings of the Board and its committees. Over the course of the twelve-month period ended April 30, 2012, with respect to one or more funds, the Board met ten times and the Contract Review Committee, the Audit Committee, the Governance Committee, the Portfolio Management Committee and the Compliance Reports and Regulatory Matters Committee, each of which is a Committee comprised solely of Independent Trustees, met ten, nineteen, seven, eight and fourteen times respectively. At such meetings, the Trustees participated in investment and performance reviews with the portfolio managers and other investment professionals of each adviser relating to each fund. The Board and its Committees considered the investment and trading strategies used in pursuing each fund's investment objective, including, where relevant, the use of derivative instruments, as well as risk management techniques. The Board and its Committees also evaluated issues pertaining to industry and regulatory developments, compliance procedures, fund governance and other issues with respect to the funds, and received and participated in reports and presentations provided by Eaton Vance Management and other fund advisers with respect to such matters.

For funds that invest through one or more underlying portfolios, the Board considered similar information about the portfolio(s) when considering the approval of advisory agreements. In addition, in cases where the fund's investment adviser has engaged a sub-adviser, the Board considered similar information about the sub-adviser when considering the approval of any sub-advisory agreement.

The Contract Review Committee was assisted throughout the contract review process by Goodwin Procter LLP, legal counsel for the Independent Trustees. The members of the Contract Review Committee relied upon the advice of such counsel and their own business judgment in determining the material factors to be considered in evaluating each advisory and sub-advisory agreement and the weight to be given to each such factor. The conclusions reached with respect to each advisory and sub-advisory agreement were based on a comprehensive evaluation of all the information provided and not any single factor. Moreover, each member of the Contract Review Committee may have placed varying emphasis on particular factors in reaching conclusions with respect to each advisory and sub-advisory agreement.

Results of the Process

Based on its consideration of the foregoing, and such other information as it deemed relevant, including the factors and conclusions described below, the Contract Review Committee concluded that the continuation of the investment advisory agreement of Eaton Vance Senior Income Trust (the Fund) with Eaton Vance Management (the Adviser), including its fee structure, is in the interests of shareholders and, therefore, the Contract Review Committee recommended to the Board approval of the agreement. The Board accepted the recommendation of the Contract Review Committee as well as the factors considered and conclusions reached by the Contract Review Committee with respect to the agreement. Accordingly, the Board, including a majority of the Independent Trustees, voted to approve continuation of the investment advisory agreement for the Fund.

Nature, Extent and Quality of Services

In considering whether to approve the investment advisory agreement of the Fund, the Board evaluated the nature, extent and quality of services provided to the Fund by the Adviser.

The Board considered the Adviser's management capabilities and investment process with respect to the types of investments held by the Fund, including the education, experience and number of its investment professionals and other personnel who provide portfolio management, investment research, and similar services to the Fund. In particular, the Board considered the abilities and experience of such investment personnel in analyzing special considerations relevant to investing in senior floating rate loans. Specifically, the Board noted the experience of the Adviser's large group of bank loan investment professionals and other personnel who provide services to the Fund, including portfolio managers and analysts. The Board also took into account the resources dedicated to portfolio management and other services, including the compensation methods of the Adviser to recruit and retain investment personnel, and the time and attention devoted to the Fund by senior management.

The Board reviewed the compliance programs of the Adviser and relevant affiliates thereof. Among other matters, the Board considered compliance and reporting matters relating to personal trading by investment personnel, selective disclosure of portfolio holdings, late trading, frequent trading, portfolio valuation, business continuity and the allocation of investment opportunities. The Board also evaluated the responses of the Adviser and its affiliates to requests in recent years from regulatory authorities such as the Securities and Exchange Commission and the Financial Industry Regulatory Authority.

The Board considered shareholder and other administrative services provided or managed by Eaton Vance Management and its affiliates, including transfer agency and accounting services. The Board evaluated the benefits to shareholders of investing in a fund that is a part of a large family of funds.

Eaton Vance
Senior Income Trust

June 30, 2012

Board of Trustees Contract Approval continued

After consideration of the foregoing factors, among others, the Board concluded that the nature, extent and quality of services provided by the Adviser, taken as a whole, are appropriate and consistent with the terms of the investment advisory agreement.

Fund Performance

The Board compared the Fund's investment performance to a relevant universe of similarly managed funds identified by an independent data provider as well as a customized peer group of similarly managed funds and appropriate benchmark indices. The Board reviewed comparative performance data for the one-, three-, five- and ten-year periods ended September 30, 2011 for the Fund. The Board concluded that the performance of the Fund was satisfactory.

Management Fees and Expenses

The Board reviewed contractual investment advisory fee rates, including administrative fee rates, payable by the Fund (referred to as "management fees"). As part of its review, the Board considered the management fees and the Fund's total expense ratio for the year ended September 30, 2011, as compared to a group of similarly managed funds selected by an independent data provider. The Board considered the financial resources committed by the Adviser in structuring the Fund at the time of its initial public offering and the waiver of fees provided by the Adviser for the first five years of the Fund's life. The Board considered that, at the request of the Contract Review Committee, the Adviser had implemented a series of permanent reductions in management fees beginning in May 2010, which include a further fee reduction effective May 1, 2012. The Board also considered factors that had an impact on Fund expense ratios, as identified by management in response to inquiries from the Contract Review Committee, as well as actions taken by management in recent years to reduce expenses at the Eaton Vance fund complex level, including the negotiation of reduced fees for transfer agency and custody services.

After reviewing the foregoing information, and in light of the nature, extent and quality of the services provided by the Adviser, the Board concluded that the management fees charged for advisory and related services are reasonable.

Profitability

The Board reviewed the level of profits realized by the Adviser and relevant affiliates thereof in providing investment advisory and administrative services to the Fund and to all Eaton Vance Funds as a group. The Board considered the level of profits realized without regard to revenue sharing or other payments by the Adviser and its affiliates to third parties in respect of distribution services. The Board also considered other direct or indirect benefits received by the Adviser and its affiliates in connection with their relationships with the Fund, including the benefits of research services that may be available to the Adviser as a result of securities transactions effected for the Fund and other investment advisory clients.

The Board concluded that, in light of the foregoing factors and the nature, extent and quality of the services rendered, the profits realized by the Adviser and its affiliates are reasonable.

Economies of Scale

In reviewing management fees and profitability, the Board also considered the extent to which the Adviser and its affiliates, on the one hand, and the Fund, on the other hand, can expect to realize benefits from economies of scale as the assets of the Fund increase. The Board acknowledged the difficulty in accurately measuring the benefits resulting from the economies of scale with respect to the management of any specific fund or group of funds. The Board reviewed data summarizing the increases and decreases in the assets of the Fund and of all Eaton Vance Funds as a group over various time periods, and evaluated the extent to which the total expense ratio of the Fund and the profitability of the Adviser and its affiliates may have been affected by such increases or decreases. Based upon the foregoing, the Board concluded that the Fund currently shares in the benefits from economies of scale. The Board also considered the fact that the Fund is not continuously offered and concluded that, in light of the level of the Adviser's profits with respect to the Fund, the implementation of breakpoints in the advisory fee schedule is not appropriate at this time.

Eaton Vance
Senior Income Trust

June 30, 2012

Management and Organization

Fund Management. The Trustees of Eaton Vance Senior Income Trust (the Trust) are responsible for the overall management and supervision of the Trust's affairs. The Trustees and officers of the Trust are listed below. Except as indicated, each individual has held the office shown or other offices in the same company for the last five years. The Noninterested Trustees consist of those Trustees who are not interested persons of the Trust, as that term is defined under the 1940 Act. The business address of each Trustee and officer is Two International Place, Boston, Massachusetts 02110. As used below, EVC refers to Eaton Vance Corp., EV refers to Eaton Vance, Inc., EVM refers to Eaton Vance Management, BMR refers to Boston Management and Research and EVD refers to Eaton Vance Distributors, Inc. EVC and EV are the corporate parent and trustee, respectively, of EVM and BMR. EVD is the Trust's principal underwriter and a wholly-owned subsidiary of EVC. Each officer affiliated with Eaton Vance may hold a position with other Eaton Vance affiliates that is comparable to his or her position with EVM listed below. Each Trustee oversees 182 portfolios in the Eaton Vance Complex (including all master and feeder funds in a master feeder structure). Each officer serves as an officer of certain other Eaton Vance funds. Each Trustee serves for a three year term. Each officer serves until his or her successor is elected.

| Name and Year of Birth | Position(s) with the Trust | Term of Office; Length of Service | Principal Occupation(s) and Directorships During Past Five Years and Other Relevant Experience |
|-----------------------------|----------------------------------|--|---|
| Interested Trustee | | | |
| Thomas E. Faust Jr. 1958 | Class I Trustee | Until 2014. 3 years. Since 2007. | Chairman, Chief Executive Officer and President of EVC, Director and President of EV, Chief Executive Officer and President of EVM and BMR, and Director of EVD. Trustee and/or officer of 182 registered investment companies. Mr. Faust is an interested person because of his positions with EVM, BMR, EVD, EVC and EV, which are affiliates of the Trust. Directorships in the Last Five Years. ⁽¹⁾ Director of EVC. |
| Noninterested Trustees | | | |
| Scott E. Eston 1956 | Class II Trustee | Until 2012. 1 year. Since 2011. | Private investor. Formerly held various positions at Grantham, Mayo, Van Otterloo and Co., L.L.C. (investment management firm) (1997-2009), including Chief Operating Officer (2002-2009), Chief Financial Officer (1997-2009) |

| | | | |
|---|----------------------|--|--|
| | | | and Chairman of the Executive Committee (2002-2008); President and Principal Executive Officer, GMO Trust (open-end registered investment company) (2006-2009). Former Partner, Coopers and Lybrand L.L.P. (now PricewaterhouseCoopers) (public accounting firm) (1987-1997). Directorships in the Last Five Years. None. |
| Benjamin C. Esty 1963 | Class I Trustee | Until 2014. 3 years. Since 2005. | Roy and Elizabeth Simmons Professor of Business Administration and Finance Unit Head, Harvard University Graduate School of Business Administration. Directorships in the Last Five Years. ⁽¹⁾ None. |
| Allen R. Freedman 1940 | Class II Trustee | Until 2012. 3 years. Since 2007. | Private Investor. Former Chairman (2002-2004) and a Director (1983-2004) of Systems & Computer Technology Corp. (provider of software to higher education). Formerly, a Director of Loring Ward International (fund distributor) (2005-2007). Former Chairman and a Director of Indus International, Inc. (provider of enterprise management software to the power generating industry) (2005-2007). Former Chief Executive Officer of Assurant, Inc. (insurance provider) (1979-2000). Directorships in the Last Five Years. ⁽¹⁾ Director of Stonemor Partners, L.P. (owner and operator of cemeteries). Formerly, Director of Assurant, Inc. (insurance provider) (1979-2011). |
| William H. Park 1947 | Class III Trustee | Until 2013. 3 years. Since 2003. | Consultant and private investor. Formerly, Chief Financial Officer, Aveon Group L.P. (investment management firm) (2010-2011). Formerly, Vice Chairman, Commercial Industrial Finance Corp. (specialty finance company) (2006-2010). Formerly, President and Chief Executive Officer, Prizm Capital Management, LLC (investment management firm) (2002-2005). Formerly, Executive Vice President and Chief Financial Officer, United Asset Management Corporation (investment management firm) (1982-2001). Formerly, Senior Manager, Price Waterhouse (now PricewaterhouseCoopers) (an independent registered public accounting firm) (1972-1981). Directorships in the Last Five Years. ⁽¹⁾ None. |
| Ronald A. Pearlman ^(A) 1940 | Class I Trustee | Until 2014. 3 years. Since 2003. | Professor of Law, Georgetown University Law Center. Formerly, Deputy Assistant Secretary (Tax Policy) and Assistant Secretary (Tax Policy), U.S. Department of the Treasury (1983-1985). Formerly, Chief of Staff, Joint Committee on Taxation, U.S. Congress (1988-1990). Directorships in the Last Five Years. ⁽¹⁾ None. |

Eaton Vance
Senior Income Trust

June 30, 2012

Management and Organization continued

| Name and Year of Birth | Position(s) with the Trust | Term of Office; Length of Service | Principal Occupation(s) and Directorships During Past Five Years and Other Relevant Experience |
|------------------------------------|----------------------------------|--|---|
| Noninterested Trustees (continued) | | | |
| Helen Frame Peters 1948 | Class III Trustee | Until 2012. 3 years. Since 2008. | <p>Professor of Finance, Carroll School of Management, Boston College. Formerly, Dean, Carroll School of Management, Boston College (2000-2002). Formerly, Chief Investment Officer, Fixed Income, Scudder Kemper Investments (investment management firm) (1998-1999). Formerly, Chief Investment Officer, Equity and Fixed Income, Colonial Management Associates (investment management firm) (1991-1998).</p> <p>Directorships in the Last Five Years.⁽¹⁾ Formerly, Director of BJ's Wholesale Club, Inc. (wholesale club retailer) (2004-2011). Formerly, Trustee of SPDR Index Shares Funds and SPDR Series Trust (exchange traded funds) (2000-2009). Formerly, Director of Federal Home Loan Bank of Boston (a bank for banks) (2007-2009).</p> |
| Lynn A. Stout 1957 | Class III Trustee | Until 2013. 3 years. Since 1999. | <p>Distinguished Professor of Corporate and Business Law, Jack C. Clarke Business Law Institute, Cornell University Law School. Formerly, the Paul Hastings Professor of Corporate and Securities Law (2006-2012) and Professor of Law (2001-2006), University of California at Los Angeles School of Law.</p> <p>Directorships in the Last Five Years.⁽¹⁾ None.</p> |
| Harriett Tee Taggart 1948 | Class III Trustee | Until 2013. 2 years. Since 2011. | <p>Managing Director, Taggart Associates (a professional practice firm). Formerly, Partner and Senior Vice President, Wellington Management Company, LLP (investment management firm) (1983-2006).</p> <p>Directorships in the Last Five Years. Director of Albemarle Corporation (chemicals manufacturer) (since 2007) and The Hanover Group (specialty property and</p> |

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casualty insurance company) (since 2009). Formerly, Director of Lubrizol Corporation (specialty chemicals) (2007-2011).

| | | | |
|---------------------------------------|--|---|---|
| Ralph F. Verni ^(A) 1943 | Chairman of the Board and Class II Trustee | Until 2012. 3 years. Chairman of the Board since 2007 and Trustee since 2005. | Consultant and private investor. Formerly, Chief Investment Officer (1982-1992), Chief Financial Officer (1988-1990) and Director (1982-1992), New England Life. Formerly, Chairperson, New England Mutual Funds (1982-1992). Formerly, President and Chief Executive Officer, State Street Management & Research (1992-2000). Formerly, Chairperson, State Street Research Mutual Funds (1992-2000). Formerly, Director, W.P. Carey, LLC (1998-2004) and First Pioneer Farm Credit Corp. (2002-2006). Directorships in the Last Five Years. ⁽¹⁾ None. |
|---------------------------------------|--|---|---|

Principal Officers who are not Trustees

| Name and Year of Birth | Position(s) with the Trust | Length of Service | Principal Occupation(s) During Past Five Years |
|-----------------------------|--|---|--|
| Scott H. Page 1959 | President | Since 2007 | Vice President of EVM and BMR. |
| Payson F. Swaffield 1956 | Vice President | Since 2011 | Vice President and Chief Income Investment Officer of EVM and BMR. |
| Barbara E. Campbell 1957 | Treasurer | Since 2005 | Vice President of EVM and BMR. |
| Maureen A. Gemma 1960 | Vice President, Secretary and Chief Legal Officer | Vice President since 2011, Secretary since 2007 and Chief Legal Officer since 2008 | Vice President of EVM and BMR. |
| Paul M. O Neil 1953 | Chief Compliance Officer | Since 2004 | Vice President of EVM and BMR. |

⁽¹⁾ During their respective tenures, the Trustees (except Mr. Eston and Ms. Taggart) also served as trustees of one or more of the following Eaton Vance funds (which operated in the years noted): Eaton Vance Credit Opportunities Fund (launched in 2005 and terminated in 2010); Eaton Vance Insured Florida Plus Municipal Bond Fund (launched in 2002 and terminated in 2009); and Eaton Vance National Municipal Income Trust (launched in 1998 and terminated in 2009).

^(A) APS Trustee

Eaton Vance
Senior Income Trust

June 30, 2012

IMPORTANT NOTICES

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

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

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

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

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

Our pledge of privacy applies to the following entities within the Eaton Vance organization: the Eaton Vance Family of Funds, Eaton Vance Management, Eaton Vance Investment Counsel, 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 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, by calling Eaton Vance at 1-800-262-1122 or in the EDGAR database on the SEC's website at www.sec.gov. Form N-Q may also be reviewed and copied at the SEC's public reference room in Washington, D.C. (call 1-800-732-0330 for information on the operation of the public reference room).

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

Additional Notice to Shareholders. A Fund may redeem or purchase its outstanding auction preferred shares (APS) in order to maintain compliance with regulatory requirements, borrowing or rating agency requirements or for other purposes as it deems appropriate or necessary. 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.

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 on the fund information pages under Individual Investors' Closed-End Funds.

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

Independent Registered Public Accounting Firm

Deloitte & Touche LLP

200 Berkeley Street

Boston, MA 02116-5022

Fund Offices

Two International Place

Boston, MA 02110

171-8/12

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

(a)-(d)

The following table presents the aggregate fees billed to the registrant for the registrant's fiscal years ended June 30, 2011 and June 30, 2012 by the registrant's principal accountant, Deloitte & Touche LLP (D&T), for professional services rendered for the audit of the registrant's annual financial statements and fees billed for other services rendered by D&T during such periods.

Eaton Vance Senior Income Trust

| Fiscal Years Ended | 06/30/11 | 06/30/12 |
|-----------------------------------|------------------|-------------------|
| Audit Fees | \$ 57,340 | \$ 60,300 |
| Audit-Related Fees ⁽¹⁾ | \$ 5,330 | \$ 23,330 |
| Tax Fees ⁽²⁾ | \$ 17,890 | \$ 18,390 |
| All Other Fees ⁽³⁾ | \$ 1,200 | \$ 1,240 |
| Total | \$ 81,760 | \$ 103,260 |

- (1) Audit-related fees consist of the aggregate fees billed for assurance and related services that are reasonably related to the performance of the audit of the registrant's financial statements and are not reported under the category of audit fees and specifically includes fees for the performance of certain agreed upon procedures relating to the registrant's auction preferred shares and revolving credit agreement.
 - (2) Tax fees consist of the aggregate fees billed for professional services rendered by the principal accountant relating to tax compliance, tax advice, and tax planning and specifically include fees for tax return preparation.
 - (3) All other fees consist of the aggregate fees billed for products and services provided by the registrant's principal accountant other than audit, audit-related, and tax services.
- (e)(1) The registrant's audit committee has adopted policies and procedures relating to the pre-approval of services provided by the registrant's principal accountant (the Pre-Approval Policies). The Pre-Approval Policies establish a framework intended to assist the audit committee in the proper discharge of its pre-approval responsibilities. As a general matter, the Pre-Approval Policies (i) specify certain types of audit, audit-related, tax, and other services determined to be pre-approved by the audit committee; and (ii) delineate specific procedures governing the mechanics of the pre-approval process, including the approval and monitoring of audit and non-audit service fees. Unless a service is specifically pre-approved under the Pre-Approval Policies, it must be separately pre-approved by the audit committee.

The Pre-Approval Policies and the types of audit and non-audit services pre-approved therein must be reviewed and ratified by the registrant's audit committee at least annually. The registrant's audit committee maintains full responsibility for the appointment, compensation, and oversight of the work of the registrant's principal accountant.

(e)(2) No services described in paragraphs (b)-(d) above were approved by the registrant's audit committee pursuant to the de minimis exception set forth in Rule 2-01 (c)(7)(i)(C) of Regulation S-X.

(f) Not applicable.

(g) The following table presents (i) the aggregate non-audit fees (i.e., fees for audit-related, tax, and other services) billed to the registrant by D&T for the registrant's fiscal years ended June 30, 2011 and June 30, 2012; and (ii) the aggregate non-audit fees (i.e., fees for audit-related, tax, and other services) billed to the Eaton Vance organization by D&T for the same time periods.

| Fiscal Years Ended | 06/30/11 | 06/30/12 |
|----------------------------------|-----------------|-----------------|
| Registrant | \$ 24,420 | \$ 42,960 |
| Eaton Vance⁽¹⁾ | \$ 263,431 | \$ 579,130 |

(1) The investment adviser to the registrant, as well as any of its affiliates that provide ongoing services to the registrant, are subsidiaries of Eaton Vance Corp.

(h) The registrant's audit committee has considered whether the provision by the registrant's principal accountant of non-audit services to the registrant's investment adviser and any entity controlling, controlled by, or under common control with the adviser that provides ongoing services to the registrant that were not pre-approved pursuant to Rule 2-01(c)(7)(ii) of Regulation S-X is compatible with maintaining the principal accountant's independence.

Item 5. Audit Committee of Listed Registrants

The registrant has a separately-designated standing audit committee established in accordance with Section 3(a)(58)(A) of the Securities and Exchange Act of 1934, as amended. William H. Park (Chair), Scott E. Eston, Helen Frame Peters, Lynn A. Stout and Ralph F. Verni are the members of the registrant's audit committee.

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

The Board of Trustees of the Trust has adopted a proxy voting policy and procedure (the Fund Policy), pursuant to which the Trustees have delegated proxy voting responsibility to the Fund's investment adviser and adopted the investment adviser's proxy voting policies and procedures (the Policies) which are described below. The Trustees will review the Fund's proxy voting records from time to time and will annually consider approving the Policies for the upcoming year. In the event that a conflict of interest arises between the Fund's shareholders and the investment adviser, the administrator, or any of their affiliates or any affiliate of the Fund, the investment adviser will generally refrain from voting the proxies related to the companies giving rise to such conflict until it consults with the Board's Special Committee except as contemplated under the Fund Policy. The Board's Special Committee will instruct the investment adviser on the appropriate course of action.

The Policies are designed to promote accountability of a company's management to its shareholders and to align the interests of management with those shareholders. An independent proxy voting service (Agent), currently Institutional Shareholder Services, Inc., has been retained to assist in the voting of proxies through the provision of vote analysis, implementation and recordkeeping and disclosure

services. The investment adviser will generally vote proxies through the Agent. The Agent is required to vote all proxies and/or refer them back to the investment adviser pursuant to the Policies. It is generally the policy of the investment adviser to vote in accordance with the recommendation of the Agent. The Agent shall refer to the investment adviser proxies relating to mergers and restructurings, and the disposition of assets, termination, liquidation and mergers contained in mutual fund proxies. The investment adviser will normally vote against anti-takeover measures and other proposals designed to limit the ability of shareholders to act on possible transactions, except in the case of closed-end management investment companies. The investment adviser generally supports management on social and environmental proposals. The investment adviser may abstain from voting from time to time where it determines that the costs associated with voting a proxy outweighs the benefits derived from exercising the right to vote or the economic effect on shareholders interests or the value of the portfolio holding is indeterminable or insignificant.

In addition, the investment adviser will monitor situations that may result in a conflict of interest between the Fund's shareholders and the investment adviser, the administrator, or any of their affiliates or any affiliate of the Fund by maintaining a list of significant existing and prospective corporate clients. The investment adviser's personnel responsible for reviewing and voting proxies on behalf of the Fund will report any proxy received or expected to be received from a company included on that list to the personnel of the investment adviser identified in the Policies. If such personnel expects to instruct the Agent to vote such proxies in a manner inconsistent with the guidelines of the Policies or the recommendation of the Agent, the personnel will consult with members of senior management of the investment adviser to determine if a material conflict of interests exists. If it is determined that a material conflict does exist, the investment adviser will seek instruction on how to vote from the Special Committee.

Information on how the Fund voted proxies relating to portfolio securities during the most recent 12 month period ended June 30 is available (1) without charge, upon request, by calling 1-800-262-1122, and (2) on the Securities and Exchange Commission's website at <http://www.sec.gov>.

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

Scott H. Page, John Redding and other Eaton Vance Management (EVM) investment professionals comprise the investment team responsible for the overall management of the Fund's investments as well as allocations of the Fund's assets between common and preferred stocks. Messrs. Page and Redding are the portfolio managers responsible for the day-to-day management of specific segments of the Fund's investment portfolio.

Mr. Page has been an EVM portfolio manager since 1996 and is a Vice President of EVM and Boston Management and Research, an EVM subsidiary (BMR). He is head of EVM's Bank Loan Investment Group. Mr. Redding has been a portfolio manager since 2001 and is a Vice President of EVM and BMR. This information is provided as of the date of filing of this report.

The following table shows, as of the Fund's most recent fiscal year end, the number of accounts each portfolio manager managed in each of the listed categories and the total assets (in millions of dollars) in the accounts managed within each category. The table also shows the number of accounts with respect to which the advisory fee is based on the performance of the account, if any, and the total assets (in millions of dollars) in those accounts.

| | Number of All Accounts | Total Assets of All Accounts | Number of Accounts Paying a Performance Fee | Total Assets of Accounts Paying a Performance Fee |
|----------------------------------|---------------------------------|---------------------------------------|---|--|
| Scott H. Page | | | | |
| Registered Investment Companies | 13 | \$ 17,074.5 | 0 | \$ 0 |
| Other Pooled Investment Vehicles | 6 | \$ 6,796.7 | 0 | \$ 0 |
| Other Accounts | 2 | \$ 1,451.5 | 0 | \$ 0 |
| John P. Redding | | | | |
| Registered Investment Companies | 1 | \$ 263.2 | 0 | \$ 0 |
| Other Pooled Investment Vehicles | 2 | \$ 1,049.2 | 0 | \$ 0 |
| Other Accounts | 0 | \$ 0 | 0 | \$ 0 |

The following table shows the dollar range of Fund shares beneficially owned by each portfolio manager as of the Fund's most recent fiscal year end.

| Portfolio Manager | Dollar Range of Equity Securities Owned in the Fund |
|-------------------|--|
| Scott H. Page | \$100,001 - \$500,000 |
| John P. Redding | \$100,001 - \$500,000 |

Potential for Conflicts of Interest. It is possible that conflicts of interest may arise in connection with a portfolio manager's management of a Fund's investments on the one hand and the investments of other accounts for which the portfolio manager is responsible on the other. For example, a portfolio manager may have conflicts of interest in allocating management time, resources and investment opportunities among the Fund and other accounts he or she advises. In addition, due to differences in the investment strategies or restrictions between a Fund and the other accounts, a portfolio manager may take action with respect to another account that differs from the action taken with respect to the Fund. In some cases, another account managed by a portfolio manager may compensate the investment adviser based on the performance of the securities held by that account. The existence of such a performance based fee may create additional conflicts of interest for the portfolio manager in the allocation of management time, resources and investment opportunities. Whenever conflicts of interest arise, the portfolio manager will endeavor to exercise his or her discretion in a manner that he or she believes is equitable to all interested persons. EVM has adopted several policies and procedures designed to address these potential conflicts including a code of ethics and policies which govern the investment adviser's trading practices, including among other things the aggregation and allocation of trades among clients, brokerage allocation, cross trades and best execution.

Compensation Structure for EVM

Compensation of EVM's portfolio managers and other investment professionals has three primary components: (1) a base salary, (2) an annual cash bonus, and (3) annual stock-based compensation consisting of options to purchase shares of EVC's nonvoting common stock and restricted shares of EVC's nonvoting common stock. EVM's investment professionals also receive certain retirement, insurance and other benefits that are broadly available to EVM's employees. Compensation of EVM's investment professionals is reviewed primarily on an annual basis. Cash bonuses, stock-based compensation awards, and adjustments in base salary are typically paid or put into effect at or shortly after the October 31st fiscal year end of EVC.

Method to Determine Compensation. EVM compensates its portfolio managers based primarily on the scale and complexity of their portfolio responsibilities and the total return performance of managed funds and accounts versus the benchmark(s) stated in the prospectus, as well as an appropriate peer group (as described below). In addition to rankings within peer groups of funds on the basis of absolute performance, consideration may also be given to relative risk-adjusted performance. Risk-adjusted performance measures include, but are not limited to, the Sharpe Ratio. Performance is normally based on periods ending on the September 30th preceding fiscal year end. Fund performance is normally evaluated primarily versus peer groups of funds as determined by Lipper Inc. and/or Morningstar, Inc. When a fund's peer group as determined by Lipper or Morningstar is deemed by EVM's management not to provide a fair comparison, performance may instead be evaluated primarily against a custom peer group. In evaluating the performance of a fund and its manager, primary emphasis is normally placed on three-year performance, with secondary consideration of performance over longer and shorter periods. For funds that are tax-managed or otherwise have an objective of after-tax returns, performance is measured net of taxes. For other funds, performance is evaluated on a pre-tax basis. For funds with an investment objective other than total return (such as current income), consideration will also be given to the fund's success in achieving its objective. For managers responsible for multiple funds and accounts, investment performance is evaluated on an aggregate basis, based on averages or weighted averages among managed funds and accounts. Funds and accounts that have performance-based advisory fees are not accorded disproportionate weightings in measuring aggregate portfolio manager performance. The compensation of portfolio managers with other job responsibilities (such as heading an investment group or providing analytical support to other portfolios) will include consideration of the scope of such responsibilities and the managers' performance in meeting them.

EVM seeks to compensate portfolio managers commensurate with their responsibilities and performance, and competitive with other firms within the investment management industry. EVM participates in investment-industry compensation surveys and utilizes survey data as a factor in determining salary, bonus and stock-based compensation levels for portfolio managers and other investment professionals. Salaries, bonuses and stock-based compensation are also influenced by the operating performance of EVM and its parent company. The overall annual cash bonus pool is based on a substantially fixed percentage of pre-bonus operating income. While the salaries of EVM's portfolio managers are comparatively fixed, cash bonuses and stock-based compensation may fluctuate significantly from year to year based on changes in manager performance and other factors as described herein. For a high performing portfolio manager, cash bonuses and stock-based compensation may represent a substantial portion of total compensation.

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: August 15, 2012

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: August 15, 2012

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

Date: August 15, 2012