

EATON VANCE SENIOR INCOME TRUST
Form N-CSRS
February 25, 2011

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

Form N-CSR

CERTIFIED SHAREHOLDER REPORT OF REGISTERED
MANAGEMENT INVESTMENT COMPANIES

Investment Company Act File Number: 811-09013

Eaton Vance Senior Income Trust

(Exact Name of Registrant as Specified in Charter)

Two International Place, Boston, Massachusetts 02110

(Address of Principal Executive Offices)

Maureen A. Gemma

Two International Place, Boston, Massachusetts 02110

(Name and Address of Agent for Services)

(617) 482-8260

(Registrant's Telephone Number)

June 30

Date of Fiscal Year End

December 31, 2010

Date of Reporting Period

Item 1. Reports to Stockholders

Semiannual Report December 31,2010 EATON VANCE SENIOR INCOME TRUST

IMPORTANT NOTICES

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

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

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

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

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

Our pledge of privacy applies to the following entities within the Eaton Vance organization: the Eaton Vance Family of Funds, Eaton Vance Management, Eaton Vance Investment Counsel, Boston Management and Research, and Eaton Vance Distributors, Inc. Our Privacy Policy applies only to those Eaton Vance customers who are individuals and who have a direct relationship with us. If a customer's account (i.e., fund shares) is held in the name of a third-party financial adviser/broker-dealer, it is likely that only such adviser's privacy policies apply to the customer. This notice supersedes all previously issued privacy disclosures. For more information about Eaton Vance's Privacy Policy, please call 1-800-262-1122.

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

Eaton Vance, or your financial adviser, may household the mailing of your documents indefinitely unless you instruct Eaton Vance, or your financial adviser, otherwise. If you would prefer that your Eaton Vance documents not be househanded, please contact Eaton Vance at 1-800-262-1122, or contact your financial adviser. Your instructions that householding not apply to delivery of your Eaton Vance documents will be effective within 30 days of receipt by Eaton Vance or your financial adviser.

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

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

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

Eaton Vance Senior Income Trust as of December 31, 2010

INVESTMENT UPDATE

Economic and Market Conditions

Scott H. Page, CFA
Co-Portfolio Manager

John Redding
Co-Portfolio Manager

The bank loan market generated positive returns and remained generally healthy, if not as robust as earlier in 2010, during the six-month period ending December 31, 2010. Despite a negative return in the May-June period that was driven primarily by concerns over the European debt crisis, the floating-rate loan market regained strength for the remainder of the period. The S&P/LSTA Leveraged Loan Index¹ (the Index), had a total return of 6.57% for the six-month period.

The market's recovery was driven by stronger demand and greater liquidity in the marketplace, along with improved corporate fundamentals. As a result, investors in search of yield began to take on incremental credit risk once again, evidenced by improved inflows into high-yield bond and bank loan mutual funds. These greater inflows led to more robust demand in the secondary market, as well as increased refinancing activity, bond-for-loan takeouts, and a general improvement in the overall tone of the market—all of which contributed to tighter credit spreads and higher prices for bank loans. Importantly, and in contrast to other fixed-income sectors, bank loan credit spreads remained above their historical average levels over the London Interbank Offered Rate (LIBOR).

Bank loan issuer fundamentals, which have been improving for the past several quarters, continued this trend into the latter months of the period. Corporate operating earnings growth improved in the third and fourth quarters of 2010, while ratings downgrades and new defaults diminished to more modest levels.

Management Discussion

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

As of December 31, 2010, the Trust's investments included senior loans to 343 borrowers spanning 38 industries, with an average loan size of 0.26% of total investments, and no industry constituting more than 11.1% of total investments. Health care, cable and satellite television, and business equipment and services were the top three industry weightings.

Total Return Performance 6/30/10 12/31/10

| NYSE Symbol | EVF |
|--|------------------------|
| At Net Asset Value (NAV) ² | 9.30% |
| At Market Price ² | 11.39% |
| S&P/LSTA Leveraged Loan Index ¹ | 6.57% |
| Premium/(Discount) to NAV (12/31/10) | 0.70% |
| Total Distributions per common share | \$0.271 |
| Distribution Rate ³ | |
| | <i>At NAV</i> |
| | 6.08% |
| | <i>At Market Price</i> |
| | 6.03% |

See page 3 for more performance information.

- ¹ It is not possible to invest directly in an Index. The Index's total return reflects changes in value of the loans constituting the Index and accrual of interest and does not reflect expenses that would have been incurred if an investor individually purchased or sold the loans represented in the Index. Unlike the Trust, the Index's total return does not reflect the effect of leverage.
- ² Six-month returns are cumulative Performance results reflect the effects of Auction Preferred Shares (APS) and debt financing, which are forms of leverage. Absent a fee reduction by the investment adviser of the Trust, the returns would be lower.
- ³ The Distribution Rate is based on the Trust's last regular distribution per share in the period (annualized) divided by the Trust's NAV or market price at the end of the period. The Trust's distributions may be comprised of ordinary income, net realized capital gains and return of capital.

Past performance is no guarantee of future results. Returns are historical and are calculated by determining the percentage change in net asset value or market price (as applicable) with all distributions reinvested. The returns do not include a dividend declared during the period but payable after period end. The Trust's performance at market price will differ from its results at NAV. Although market price performance generally reflects investment results over time, during shorter periods, returns at market price can also be affected by factors such as changing perceptions about the Trust, market conditions, fluctuations in supply and demand for the Trust's shares, or changes in Trust distributions. Investment return and principal value will fluctuate so that shares, when sold, may be worth more or less than their original cost. Performance is for the stated time period only; due to market volatility, the Trust's current performance may be lower or higher than the quoted return. For performance as of the most recent month end, please refer to www.eatonvance.com.

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

Eaton Vance Senior Income Trust as of December 31, 2010

INVESTMENT UPDATE

Management's use of leverage was a significant factor in the Trust's outperformance of the Index, its benchmark, during the period. The Trust's loans acquired with borrowings were bolstered by generally strong conditions in the credit markets. As of December 31, 2010, the Trust employed leverage of 35.9% of total assets—27.0% from APS and 8.9% from borrowings.¹ Use of leverage creates an opportunity for income, but at the same time creates special risks (including the likelihood of greater volatility of NAV and market price of common shares).

The Trust continued to maintain smaller allocations to very large, lower-quality loans—notably, some significant issues that came to market in 2007—than did the Index. This underweighting detracted from performance during the period, because the price of these issues rallied more than the overall market as investors sought higher discount opportunities. The Trust's modestly lower allocation to B-rated loans, which rallied the most after the May/June volatility, also detracted from relative performance. However, the Trust's investments in European loans contributed positively to its performance during the period.

We continue to believe that the Trust is well positioned for the current market environment. The Trust invests broadly across the floating-rate loan market, providing shareholders with diversified exposure to the asset class.² The cornerstones of the Trust's investment approach have always been—and continue to be—bottom-up credit research and dedication to diversification.

¹ APS percentage represents the liquidation value of the Trust's APS outstanding at 12/31/10 as a percentage of the Trust's net assets applicable to common shares plus APS and borrowings outstanding. In the event of a rise in long-term interest rates, the value of the Trust's investment portfolio could decline, which would reduce the asset coverage for its APS and borrowings.

² Diversification cannot assure a profit or eliminate the risk of loss.

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

Eaton Vance Senior Income Trust as of December 31, 2010

TRUST PERFORMANCE

Portfolio Composition

Top 10 Holdings¹

By total investments

| | |
|---------------------------------------|------|
| Community Health Systems, Inc. | 1.2% |
| Aramark Corp. | 1.1 |
| SunGard Data Systems, Inc. | 1.1 |
| Intelsat Corp. | 1.0 |
| Rite Aid Corp. | 1.0 |
| UPC Broadband Holding B.V. | 1.0 |
| INEOS Group | 0.9 |
| Charter Communications Operating, LLC | 0.9 |
| Virgin Media Investment Holding | 0.9 |
| Dynegy Holdings, Inc. | 0.9 |

¹ Top 10 Holdings represented 10.0% of the Trust's total investments as of 12/31/10.

Top Five Industries²

By total investments

| | |
|---------------------------------|-------|
| Health Care | 11.1% |
| Cable and Satellite Television | 7.8 |
| Business Equipment and Services | 7.3 |
| Leisure Goods/Activities/Movies | 5.0 |
| Telecommunications | 4.4 |

² Industries are shown as a percentage of the Trust's total investments as of 12/31/10.

Credit Quality Ratings for Total Loan Investments³

By total loan investments

| | |
|-----------|------|
| Baa | 2.8% |
| Ba | 48.5 |
| B | 34.7 |
| Caa | 2.7 |
| Ca | 0.2 |
| Defaulted | 0.1 |
| Non-Rated | 11.0 |

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

Trust Performance⁴

| | |
|---|--------|
| NYSE Symbol | EVF |
| Average Annual Total Return (by market price, NYSE) | |
| Six Months | 11.39% |
| One Year | 21.48 |
| Five Years | 6.31 |
| 10 Years | 5.74 |
| Life of Trust (10/30/98) | 4.79 |

Average Annual Total Return (at net asset value)

| | |
|--------------------------|-------|
| Six Months | 9.30% |
| One Year | 15.29 |
| Five Years | 3.73 |
| 10 Years | 4.77 |
| Life of Trust (10/30/98) | 4.73 |

⁴ Six-month returns are cumulative. Other returns are presented on an average annual basis. Performance results reflect the effects of APS and debt financing, which are forms of leverage. Absent a fee reduction by the investment adviser of the Trust, the returns would be lower.

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

Eaton Vance Senior Income Trust as of December 31, 2010

PORTFOLIO OF INVESTMENTS (Unaudited)

Senior Floating-Rate Interests 137.6%**Principal
Amount***

| (000 s omitted) | Borrower/Tranche Description | Value |
|---|---|--------------|
| Aerospace and Defense 3.7% | | |
| Aveos Fleet Performance, Inc. | | |
| 17 | Revolving Loan, 1.00%, Maturing March 12, 2013 ⁽²⁾ | \$ 16,417 |
| 25 | Term Loan, 11.25%, Maturing March 12, 2013 | 24,626 |
| 68 | Term Loan - Second Lien, 10.75%, Maturing March 12, 2015 ⁽³⁾ | 63,671 |
| Booz Allen Hamilton, Inc. | | |
| 248 | Term Loan, 6.00%, Maturing July 31, 2015 | 248,645 |
| DAE Aviation Holdings, Inc. | | |
| 706 | Term Loan, 4.04%, Maturing July 31, 2014 | 698,629 |
| 731 | Term Loan, 4.04%, Maturing July 31, 2014 | 723,346 |
| Doncasters (Dunde HoldCo 4 Ltd.) | | |
| 207 | Term Loan, 4.26%, Maturing July 13, 2015 | 188,649 |
| 207 | Term Loan, 4.76%, Maturing July 13, 2015 | 188,649 |
| EUR | 417 Term Loan - Second Lien, 6.85%, Maturing January 13, 2016 | 454,561 |
| DynCorp International, LLC | | |
| 449 | Term Loan, 6.25%, Maturing July 5, 2016 | 452,803 |
| Evergreen International Aviation | | |
| 395 | Term Loan, 10.50%, Maturing October 31, 2011 ⁽³⁾ | 392,367 |
| Hawker Beechcraft Acquisition | | |
| 1,490 | Term Loan, 2.27%, Maturing March 26, 2014 | 1,308,370 |
| 89 | Term Loan, 2.29%, Maturing March 26, 2014 | 78,424 |

IAP Worldwide Services, Inc.

443 Term Loan, 8.25%, Maturing
December 30, 2012 441,898

International Lease Finance Co.

1,000 Term Loan, 6.75%, Maturing March 17,
2015 1,018,750

Spirit AeroSystems, Inc.

607 Term Loan, 3.54%, Maturing
September 30, 2016 609,659

TransDigm, Inc.

1,100 Term Loan, 5.00%, Maturing
December 6, 2016 1,112,719

Triumph Group, Inc.

274 Term Loan, 4.50%, Maturing June 16,
2016 276,164

Wesco Aircraft Hardware Corp.

863 Term Loan, 2.52%, Maturing
September 30, 2013 863,276

Wyle Laboratories, Inc.

424 Term Loan, 7.75%, Maturing March 25,
2016 425,526

\$ 9,587,149

Air Transport 0.2%

Delta Air Lines, Inc.

479 Term Loan - Second Lien, 3.54%,
Maturing
April 30, 2014 \$ 465,555

\$ 465,555

Automotive 5.6%

Adesa, Inc.

1,802 Term Loan, 3.02%, Maturing
October 18, 2013 \$ 1,794,454

Allison Transmission, Inc.

2,487 Term Loan, 3.03%, Maturing August 7,
2014 2,434,961

Autotrader.com, Inc.

550 Term Loan, Maturing December 11,
2016⁽⁴⁾ 553,953

Federal-Mogul Corp.

| | | |
|-------|---|-----------|
| 2,232 | Term Loan, 2.21%, Maturing December 29, 2014 | 2,087,360 |
| 583 | Term Loan, 2.20%, Maturing December 28, 2015 | 545,639 |

Ford Motor Co.

| | | |
|-------|---|-----------|
| 913 | Term Loan, 3.02%, Maturing December 16, 2013 | 908,957 |
| 1,085 | Term Loan, 3.03%, Maturing December 16, 2013 | 1,081,880 |

Goodyear Tire & Rubber Co.

| | | |
|-------|---|-----------|
| 2,300 | Term Loan - Second Lien, 1.96%, Maturing April 30, 2014 | 2,245,375 |
|-------|---|-----------|

Keystone Automotive Operations, Inc.

| | | |
|-----|--|---------|
| 442 | Term Loan, 3.76%, Maturing January 12, 2012 | 403,746 |
|-----|--|---------|

LKQ Corp. U.S.

| | | |
|-----|--|---------|
| 477 | Term Loan, 2.51%, Maturing October 12, 2013 | 478,335 |
|-----|--|---------|

Metaldyne, LLC

| | | |
|-----|--|---------|
| 449 | Term Loan, 7.75%, Maturing October 28, 2016 | 456,730 |
|-----|--|---------|

TriMas Corp.

| | | |
|-----|---|---------|
| 42 | Term Loan, 6.00%, Maturing August 2, 2011 | 42,504 |
| 525 | Term Loan, 6.00%, Maturing December 15, 2015 | 529,067 |

United Components, Inc.

| | | |
|-----|--|---------|
| 549 | Term Loan, 6.25%, Maturing March 23, 2017 | 554,386 |
|-----|--|---------|

Viking Acquisition

| | | |
|-----|--|---------|
| 450 | Term Loan, 6.00%, Maturing November 5, 2016 | 451,688 |
|-----|--|---------|

\$ 14,569,035

Beverage and Tobacco 0.3%

Green Mountain Coffee Roasters

| | | |
|-----|---|------------|
| 550 | Term Loan, 5.50%, Maturing December 16, 2016 | \$ 551,948 |
|-----|---|------------|

Maine Beverage Co., LLC

| | | |
|-----|--|---------|
| 152 | Term Loan, 2.04%, Maturing March 31, 2013 | 146,094 |
|-----|--|---------|

\$ 698,042

Building and Development 1.3%

Armstrong World Industries, Inc.

| | | |
|-----|---|------------|
| 325 | Term Loan, 5.00%, Maturing May 23, 2017 | \$ 328,047 |
|-----|---|------------|

Beacon Sales Acquisition, Inc.

| | | |
|-----|---|---------|
| 344 | Term Loan, 2.28%, Maturing September 30, 2013 | 327,885 |
|-----|---|---------|

Brickman Group Holdings, Inc.

| | | |
|-----|---|---------|
| 575 | Term Loan, 7.25%, Maturing October 14, 2016 | 583,146 |
|-----|---|---------|

Building Materials Corp. of America

| | | |
|-----|--|---------|
| 527 | Term Loan, 3.06%, Maturing February 24, 2014 | 527,342 |
|-----|--|---------|

See notes to financial statements

Eaton Vance Senior Income Trust as of December 31, 2010

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* | Borrower/Tranche Description | Value |
|--|---|---------------------|
| (000 s omitted) | | |
| Building and Development (continued) | | |
| November 2005 Land Investors, LLC | | |
| 152 | Term Loan, 0.00%, Maturing March 31, 2011 ⁽⁵⁾⁽⁶⁾ | \$ 32,008 |
| Panolam Industries Holdings, Inc. | | |
| 500 | Term Loan, 8.25%, Maturing December 31, 2013 | 460,744 |
| RE/MAX International, Inc. | | |
| 943 | Term Loan, 5.50%, Maturing April 15, 2016 | 948,768 |
| South Edge, LLC | | |
| 422 | Term Loan, 0.00%, Maturing October 31, 2009 ⁽⁷⁾ | 150,820 |
| | | \$ 3,358,760 |
| Business Equipment and Services 10.7% | | |
| Activant Solutions, Inc. | | |
| 109 | Term Loan, 2.31%, Maturing May 2, 2013 | \$ 107,893 |
| 654 | Term Loan, 4.81%, Maturing February 2, 2016 | 655,304 |
| Axiom Corp. | | |
| 590 | Term Loan, 3.29%, Maturing March 15, 2015 | 596,307 |
| Advantage Sales & Marketing, Inc. | | |
| 925 | Term Loan, 5.25%, Maturing December 18, 2017 | 928,816 |
| Affinion Group, Inc. | | |
| 1,836 | Term Loan, 5.00%, Maturing October 10, 2016 | 1,830,673 |

| | | |
|---|--|-----------|
| Allied Barton Security Services | | |
| 483 | Term Loan, 7.75%, Maturing February 18, 2015 | 487,268 |
| Dealer Computer Services, Inc. | | |
| 821 | Term Loan, 5.25%, Maturing April 21, 2017 | 827,608 |
| Education Management, LLC | | |
| 1,971 | Term Loan, 2.06%, Maturing June 3, 2013 | 1,926,768 |
| Fifth Third Processing Solution | | |
| 450 | Term Loan, 5.50%, Maturing November 3, 2016 | 454,275 |
| First American Corp. | | |
| 448 | Term Loan, 4.75%, Maturing April 12, 2016 | 452,507 |
| Infogroup, Inc. | | |
| 348 | Term Loan, 6.25%, Maturing July 1, 2016 | 351,878 |
| iPayment, Inc. | | |
| 408 | Term Loan, 2.29%, Maturing May 10, 2013 | 396,134 |
| Kronos, Inc. | | |
| 551 | Term Loan, 2.05%, Maturing June 11, 2014 | 540,669 |
| Language Line, LLC | | |
| 1,100 | Term Loan, 6.25%, Maturing July 3, 2016 | 1,111,000 |
| Mitchell International, Inc. | | |
| 500 | Term Loan - Second Lien, 5.56%, Maturing March 30, 2015 | 440,937 |
| NE Customer Service | | |
| 825 | Term Loan, 6.00%, Maturing March 23, 2016 | 821,649 |
| Protection One Alarm Monitor, Inc. | | |
| 815 | Term Loan, 6.00%, Maturing May 16, 2016 | 818,294 |
| Quantum Corp. | | |
| 90 | Term Loan, 3.80%, Maturing July 14, 2014 | 89,874 |
| Quintiles Transnational Corp. | | |
| 900 | Term Loan - Second Lien, 4.31%, Maturing March 31, 2014 | 895,500 |
| Sabre, Inc. | | |
| 2,617 | Term Loan, 2.27%, Maturing September 30, 2014 | 2,444,303 |
| Serena Software, Inc. | | |
| 715 | Term Loan, 2.30%, Maturing March 10, 2013 | 698,640 |
| Sitel (Client Logic) | | |
| 303 | Term Loan, 5.79%, Maturing January 30, 2014 | 289,467 |

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| | | | |
|-----------------------------------|-------|--|----------------------|
| EUR | 586 | Term Loan, 6.30%, Maturing January 30, 2014 | 747,274 |
| Softlayer Tech, Inc. | | | |
| | 325 | Term Loan, 7.75%, Maturing November 5, 2016 | 326,727 |
| Solera Holdings, LLC | | | |
| EUR | 410 | Term Loan, 2.81%, Maturing May 16, 2014 | 541,032 |
| SunGard Data Systems, Inc. | | | |
| | 2,530 | Term Loan, 2.01%, Maturing February 28, 2014 | 2,471,515 |
| | 1,860 | Term Loan, 3.91%, Maturing February 26, 2016 | 1,849,095 |
| Trans Union, LLC | | | |
| | 945 | Term Loan, 6.75%, Maturing June 15, 2017 | 960,138 |
| Travelport, LLC | | | |
| | 299 | Term Loan, 4.80%, Maturing August 21, 2015 | 283,655 |
| | 1,569 | Term Loan, 4.96%, Maturing August 21, 2015 | 1,490,064 |
| EUR | 527 | Term Loan, 5.24%, Maturing August 21, 2015 | 681,490 |
| West Corp. | | | |
| | 149 | Term Loan, 2.72%, Maturing October 24, 2013 | 147,613 |
| | 1,038 | Term Loan, 4.57%, Maturing July 15, 2016 | 1,042,156 |
| | 365 | Term Loan, 4.59%, Maturing July 15, 2016 | 365,954 |
| | | | \$ 28,072,477 |

Cable and Satellite Television 11.7%

Atlantic Broadband Finance, LLC

724 Term Loan, 5.00%, Maturing November 27, 2015 \$ 729,682

Bragg Communications, Inc.

1,161 Term Loan, 2.79%, Maturing August 31, 2014 1,139,231

Bresnan Communications, LLC

625 Term Loan, 4.50%, Maturing December 14, 2017 629,687

Casema NV

EUR 1,000 Term Loan - Second Lien, 5.55%, Maturing March 14, 2016 1,341,788

Charter Communications Operating, LLC

| | | |
|-------|---|-----------|
| 3,796 | Term Loan, 2.27%, Maturing March 6, 2014 | 3,754,860 |
|-------|---|-----------|

CSC Holdings, Inc.

| | | |
|-------|--|-----------|
| 1,965 | Term Loan, 2.01%, Maturing March 29, 2016 | 1,968,037 |
|-------|--|-----------|

Foxco Acquisition Sub., LLC

| | | |
|-----|---|---------|
| 302 | Term Loan, 7.50%, Maturing July 14, 2015 | 300,545 |
|-----|---|---------|

Insight Midwest Holdings, LLC

| | | |
|-------|---|-----------|
| 1,784 | Term Loan, 2.02%, Maturing April 7, 2014 | 1,740,610 |
|-------|---|-----------|

See notes to financial statements

Eaton Vance Senior Income Trust as of December 31, 2010

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* (000 s omitted) | Borrower/Tranche Description | Value |
|---|--|--------------|
| Cable and Satellite Television (continued) | | |
| Kabel Deutschland GmbH | | |
| EUR 1,957 | Term Loan, 3.05%, Maturing March 31, 2014 | \$ 2,604,152 |
| MCC Iowa, LLC | | |
| 802 | Term Loan, 2.01%, Maturing January 31, 2015 | 770,706 |
| Mediacom Broadband, LLC | | |
| 746 | Term Loan, 4.50%, Maturing October 23, 2017 | 737,233 |
| Mediacom Illinois, LLC | | |
| 1,896 | Term Loan, 2.01%, Maturing January 31, 2015 | 1,812,458 |
| 988 | Term Loan, 5.50%, Maturing March 31, 2017 | 981,939 |
| Mediacom, LLC | | |
| 398 | Term Loan, 4.50%, Maturing October 23, 2017 | 390,538 |
| ProSiebenSat.1 Media AG | | |
| EUR 578 | Term Loan, 3.52%, Maturing March 6, 2015 | 669,012 |
| EUR 273 | Term Loan, 2.91%, Maturing June 26, 2015 | 348,600 |
| EUR 11 | Term Loan, 2.91%, Maturing July 3, 2015 | 14,147 |
| EUR 578 | Term Loan, 3.77%, Maturing March 4, 2016 | 669,012 |
| EUR 201 | Term Loan, 8.14%, Maturing March 6, 2017 ⁽³⁾ | 224,973 |
| EUR 271 | Term Loan - Second Lien, 4.89%, Maturing September 2, 2016 | 302,923 |
| UPC Broadband Holding B.V. | | |
| 1,563 | Term Loan, 4.25%, Maturing December 30, 2016 | 1,550,628 |
| EUR 726 | Term Loan, 4.56%, Maturing December 31, 2016 | 925,350 |

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| | | | |
|--|-------|--|----------------------|
| | 1,037 | Term Loan, 4.25%, Maturing December 29, 2017 | 1,023,485 |
| EUR | 524 | Term Loan, 4.81%, Maturing December 31, 2017 | 667,771 |
| Virgin Media Investment Holding | | | |
| GBP | 1,000 | Term Loan, 4.28%, Maturing June 30, 2015 | 1,559,099 |
| GBP | 1,250 | Term Loan, 4.78%, Maturing December 31, 2015 | 1,952,528 |
| YPSO Holding SA | | | |
| EUR | 1 | Term Loan, 4.66%, Maturing June 13, 2014 | 559 |
| EUR | 22 | Term Loan, 4.66%, Maturing June 16, 2014 ⁽³⁾ | 23,949 |
| EUR | 26 | Term Loan, 4.66%, Maturing June 16, 2014 ⁽³⁾ | 28,002 |
| EUR | 1,554 | Term Loan, 4.66%, Maturing June 16, 2014 ⁽³⁾ | 1,663,470 |
| EUR | 35 | Term Loan, 4.66%, Maturing December 31, 2015 | 36,862 |
| EUR | 65 | Term Loan, 5.16%, Maturing December 31, 2015 | 69,234 |
| | | | \$ 30,631,070 |

Chemicals and Plastics 6.0%

Arizona Chemical, Inc.

| | | | |
|--|-----|---|------------|
| | 272 | Term Loan, 6.75%, Maturing November 21, 2016 | \$ 275,645 |
|--|-----|---|------------|

Brenntag Holding GmbH and Co. KG

| | | | |
|--|-----|--|---------|
| | 786 | Term Loan, 3.77%, Maturing January 20, 2014 | 787,421 |
| | 116 | Term Loan, 3.79%, Maturing January 20, 2014 | 116,067 |
| | 600 | Term Loan - Second Lien, 6.45%, Maturing July 17, 2015 | 604,250 |

Celanese Holdings, LLC

| | | | |
|--|-----|--|---------|
| | 851 | Term Loan, 3.29%, Maturing October 31, 2016 | 856,859 |
|--|-----|--|---------|

Gentek

| | | | |
|--|-----|---|---------|
| | 299 | Term Loan, 6.75%, Maturing October 6, 2015 | 302,243 |
|--|-----|---|---------|

Hexion Specialty Chemicals, Inc.

| | | | |
|--|-----|---|---------|
| | 327 | Term Loan, 4.06%, Maturing May 5, 2015 | 323,855 |
|--|-----|---|---------|

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| | | | |
|---|-------|--|----------------------|
| | 483 | Term Loan, 4.06%, Maturing May 5, 2015 | 476,469 |
| | 737 | Term Loan, 4.06%, Maturing May 5, 2015 | 729,453 |
| Huntsman International, LLC | | | |
| | 854 | Term Loan, 1.78%, Maturing April 21, 2014 | 837,427 |
| | 855 | Term Loan, 2.52%, Maturing June 30, 2016 | 847,097 |
| INEOS Group | | | |
| | 1,175 | Term Loan, 7.50%, Maturing December 16, 2013 | 1,215,139 |
| | 1,176 | Term Loan, 8.00%, Maturing December 16, 2014 | 1,216,070 |
| EUR | 1,000 | Term Loan, 9.00%, Maturing December 16, 2015 | 1,372,571 |
| ISP Chemco, Inc. | | | |
| | 857 | Term Loan, 1.81%, Maturing June 4, 2014 | 842,122 |
| Kraton Polymers, LLC | | | |
| | 832 | Term Loan, 2.31%, Maturing May 13, 2013 | 818,786 |
| MacDermid, Inc. | | | |
| EUR | 342 | Term Loan, 2.97%, Maturing April 11, 2014 | 424,839 |
| Millenium Inorganic Chemicals | | | |
| | 1,174 | Term Loan, 2.55%, Maturing May 15, 2014 | 1,162,413 |
| Nalco Co. | | | |
| | 698 | Term Loan, 4.50%, Maturing October 5, 2017 | 705,407 |
| Rockwood Specialties Group, Inc. | | | |
| | 1,018 | Term Loan, 6.00%, Maturing May 15, 2014 | 1,025,510 |
| Styron S.A.R.L. | | | |
| | 756 | Term Loan, 7.50%, Maturing June 17, 2016 | 768,140 |
| | | | \$ 15,707,783 |
| | | | |
| Clothing/Textiles | 0.2% | | |
| Phillips-Van Heusen Corp. | | | |
| | 477 | Term Loan, 4.75%, Maturing May 6, 2016 | \$ 484,174 |

\$ 484,174

Conglomerates 4.2%

Goodman Global Holdings, Inc.

| | | |
|-----|--|------------|
| 898 | Term Loan, 5.75%, Maturing October 28, 2016 | \$ 903,842 |
|-----|--|------------|

Jarden Corp.

| | | |
|-----|--|---------|
| 977 | Term Loan, 3.55%, Maturing January 26, 2015 | 984,602 |
|-----|--|---------|

Manitowoc Company, Inc. (The)

| | | |
|-----|--|---------|
| 466 | Term Loan, 8.00%, Maturing November 6, 2014 | 471,382 |
|-----|--|---------|

Polymer Group, Inc.

| | | |
|-------|---|-----------|
| 2,024 | Term Loan, 7.00%, Maturing November 24, 2014 | 2,024,283 |
|-------|---|-----------|

RBS Global, Inc.

| | | |
|-------|---|-----------|
| 720 | Term Loan, 2.56%, Maturing July 19, 2013 | 704,100 |
| 1,683 | Term Loan, 2.81%, Maturing July 19, 2013 | 1,660,994 |

See notes to financial statements

Eaton Vance Senior Income Trust as of December 31, 2010

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* | Borrower/Tranche Description | Value |
|---|--|----------------------|
| (000 s omitted) | | |
| Conglomerates (continued) | | |
| RGIS Holdings, LLC | | |
| 1,953 | Term Loan, 2.78%, Maturing April 30, 2014 | \$ 1,826,017 |
| 98 | Term Loan, 2.80%, Maturing April 30, 2014 | 91,301 |
| Service Master Co. | | |
| 45 | Term Loan, 2.77%, Maturing July 24, 2014 | 43,404 |
| 454 | Term Loan, 2.77%, Maturing July 24, 2014 | 435,854 |
| US Investigations Services, Inc. | | |
| 987 | Term Loan, 3.05%, Maturing February 21, 2015 | 947,724 |
| 398 | Term Loan, 7.75%, Maturing February 21, 2015 | 399,990 |
| Vertrue, Inc. | | |
| 489 | Term Loan, 3.31%, Maturing August 16, 2014 | 419,473 |
| | | \$ 10,912,966 |
| Containers and Glass Products 3.6% | | |
| Berry Plastics Corp. | | |
| 963 | Term Loan, 2.28%, Maturing April 3, 2015 | \$ 910,405 |
| BWAY Corp. | | |
| 387 | Term Loan, 5.52%, Maturing June 16, 2017 | 389,528 |
| 36 | Term Loan, 5.56%, Maturing June 16, 2017 | 36,518 |

Graham Packaging Holdings Co.

| | | |
|-----|---|---------|
| 570 | Term Loan, 6.75%, Maturing April 5, 2014 | 576,377 |
| 973 | Term Loan, 6.00%, Maturing September 23, 2016 | 985,125 |

Graphic Packaging International, Inc.

| | | |
|-------|---|-----------|
| 348 | Term Loan, 2.29%, Maturing May 16, 2014 | 343,850 |
| 1,250 | Term Loan, 3.04%, Maturing May 16, 2014 | 1,246,170 |

Hilex Poly Co.

| | | |
|-----|---|---------|
| 500 | Term Loan, 11.25%, Maturing November 16, 2015 | 492,500 |
|-----|---|---------|

JSG Acquisitions

| | | |
|-----|--|---------|
| 638 | Term Loan, 3.66%, Maturing December 31, 2014 | 633,694 |
|-----|--|---------|

Pelican Products, Inc.

| | | |
|-----|--|---------|
| 400 | Term Loan, 5.75%, Maturing November 30, 2016 | 402,625 |
|-----|--|---------|

Reynolds Group Holdings, Inc.

| | | |
|-----|--|---------|
| 444 | Term Loan, 6.25%, Maturing May 5, 2016 | 448,541 |
| 600 | Term Loan, 6.50%, Maturing May 5, 2016 | 606,665 |
| 466 | Term Loan, 6.75%, Maturing May 5, 2016 | 470,987 |

Smurfit Kappa Acquisitions

| | | |
|-----|--|---------|
| 638 | Term Loan, 3.41%, Maturing December 31, 2014 | 633,694 |
|-----|--|---------|

Smurfit-Stone Container Corp.

| | | |
|-------|--|-----------|
| 1,169 | Term Loan, 6.75%, Maturing July 15, 2016 | 1,190,461 |
|-------|--|-----------|

\$ 9,367,140

Cosmetics/Toiletries 1.8%

Alliance Boots Holdings, Ltd.

| | | | |
|-----|-------|---|--------------|
| GBP | 1,775 | Term Loan, 3.57%, Maturing July 5, 2015 | \$ 2,576,154 |
|-----|-------|---|--------------|

Bausch & Lomb, Inc.

| | | |
|-----|---|---------|
| 194 | Term Loan, 3.51%, Maturing April 24, 2015 | 193,963 |
| 800 | Term Loan, 3.54%, Maturing April 24, 2015 | 797,978 |

KIK Custom Products, Inc.

| | | |
|-----|--|---------|
| 525 | | 361,375 |
|-----|--|---------|

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Term Loan - Second Lien, 5.30%,
 Maturing November 30, 2014

Prestige Brands, Inc.

859 Term Loan, 4.75%, Maturing March 24,
 2016 868,011

\$ 4,797,481

Drugs 0.6%

Graceway Pharmaceuticals, LLC

306 Term Loan, 5.01%, Maturing May 3,
 2012 \$ 136,145

162 Term Loan, 10.01%, Maturing
 November 3, 2013⁽³⁾⁽⁵⁾ 2,841

500 Term Loan - Second Lien, 0.00%,
 Maturing
 May 3, 2013⁽⁶⁾ 46,667

Pharmaceutical Holdings Corp.

65 Term Loan, 4.52%, Maturing January 30,
 2012 64,011

Warner Chilcott Corp.

321 Term Loan, 6.00%, Maturing
 October 30, 2014 322,418

159 Term Loan, 6.25%, Maturing April 30,
 2015 160,243

265 Term Loan, 6.25%, Maturing April 30,
 2015 266,833

457 Term Loan, 6.50%, Maturing
 February 22, 2016 461,530

\$ 1,460,688

Ecological Services and Equipment 1.5%

Kemble Water Structure, Ltd.

GBP 2,250 Term Loan - Second Lien, 5.03%,
 Maturing October 13, 2013 \$ 3,370,285

Sensus Metering Systems, Inc.

618 Term Loan, 7.00%, Maturing June 3,
 2013 622,652

\$ 3,992,937

Electronics/Electrical 4.5%

Aspect Software, Inc.

| | | |
|-----|---|------------|
| 769 | Term Loan, 6.25%, Maturing April 19, 2016 | \$ 773,514 |
|-----|---|------------|

Christie/Aix, Inc.

| | | |
|-----|---|---------|
| 341 | Term Loan, 5.25%, Maturing April 29, 2016 | 339,408 |
|-----|---|---------|

FCI International S.A.S.

| | | |
|----|---|--------|
| 83 | Term Loan, 3.66%, Maturing November 1, 2013 | 80,691 |
|----|---|--------|

| | | |
|----|---|--------|
| 86 | Term Loan, 3.66%, Maturing November 1, 2013 | 83,816 |
|----|---|--------|

| | | |
|----|---|--------|
| 83 | Term Loan, 3.66%, Maturing October 31, 2014 | 80,691 |
|----|---|--------|

| | | |
|----|---|--------|
| 86 | Term Loan, 3.66%, Maturing October 31, 2014 | 83,816 |
|----|---|--------|

Freescale Semiconductor, Inc.

| | | |
|-------|---|-----------|
| 1,290 | Term Loan, 4.51%, Maturing December 1, 2016 | 1,253,316 |
|-------|---|-----------|

See notes to financial statements

Eaton Vance Senior Income Trust as of December 31, 2010

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* (000 s omitted) | Borrower/Tranche Description | Value |
|---|--|--------------|
| Electronics/Electrical (continued) | | |
| Infor Enterprise Solutions Holdings | | |
| 250 | Term Loan, 5.76%, Maturing March 2, 2014 ⁽⁵⁾ | \$ 172,500 |
| 486 | Term Loan, 5.02%, Maturing July 28, 2015 | 444,824 |
| 376 | Term Loan, 6.02%, Maturing July 28, 2015 | 359,983 |
| 722 | Term Loan, 6.02%, Maturing July 28, 2015 | 691,049 |
| 92 | Term Loan - Second Lien, 6.51%, Maturing March 2, 2014 | 68,979 |
| 158 | Term Loan - Second Lien, 6.51%, Maturing March 2, 2014 | 119,542 |
| Network Solutions, LLC | | |
| 1,061 | Term Loan, 2.52%, Maturing March 7, 2014 | 1,012,993 |
| Open Solutions, Inc. | | |
| 1,155 | Term Loan, 2.42%, Maturing January 23, 2014 | 980,485 |
| Sensata Technologies Finance Co. | | |
| 1,812 | Term Loan, 2.04%, Maturing April 26, 2013 | 1,772,901 |
| Shield Finance Co. S.A.R.L. | | |
| 419 | Term Loan, 7.75%, Maturing June 15, 2016 | 418,625 |
| Spectrum Brands, Inc. | | |
| 1,451 | Term Loan, 8.00%, Maturing June 16, 2016 | 1,482,513 |
| SS&C Technologies, Inc. | | |
| 597 | Term Loan, 2.30%, Maturing November 23, 2012 | 594,429 |
| VeriFone, Inc. | | |
| 363 | | 363,906 |

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| | | |
|---|---|----------------------|
| | Term Loan, 3.02%, Maturing October 31, 2013 | |
| Vertafore, Inc. | | |
| 498 | Term Loan, 6.75%, Maturing July 29, 2016 | 500,609 |
| | | \$ 11,678,590 |
| | | |
| Equipment Leasing | 0.3% | |
| Hertz Corp. | | |
| 802 | Term Loan, 2.02%, Maturing December 21, 2012 | \$ 797,807 |
| 88 | Term Loan, 2.03%, Maturing December 21, 2012 | 87,766 |
| | | \$ 885,573 |
| | | |
| Farming/Agriculture | 0.4% | |
| CF Industries, Inc. | | |
| 339 | Term Loan, 4.25%, Maturing April 6, 2015 | \$ 340,996 |
| Earthbound Farm Holdings III, LLC | | |
| 375 | Term Loan, 7.25%, Maturing December 21, 2016 | 378,281 |
| WM. Bolthouse Farms, Inc. | | |
| 338 | Term Loan, 5.50%, Maturing February 11, 2016 | 339,754 |
| | | \$ 1,059,031 |
| | | |
| Financial Intermediaries | 5.5% | |
| Citco III, Ltd. | | |
| 937 | Term Loan, 4.46%, Maturing June 30, 2014 | \$ 908,590 |
| Fidelity National Information Services, Inc. | | |
| 1,197 | | 1,213,578 |

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| | | | |
|--|-------|---|----------------------|
| | | Term Loan, 5.25%, Maturing July 18, 2016 | |
| First Data Corp. | | | |
| | 475 | Term Loan, 3.01%, Maturing September 24, 2014 | 439,915 |
| | 1,929 | Term Loan, 3.01%, Maturing September 24, 2014 | 1,782,342 |
| Grosvenor Capital Management | | | |
| | 1,135 | Term Loan, 4.31%, Maturing December 5, 2016 | 1,120,777 |
| HarbourVest Partners, LLC | | | |
| | 650 | Term Loan, 6.25%, Maturing December 14, 2016 | 653,250 |
| Interactive Data Corp. | | | |
| | 721 | Term Loan, 6.75%, Maturing January 27, 2017 | 732,644 |
| Jupiter Asset Management Group | | | |
| GBP | 159 | Term Loan, 4.34%, Maturing March 17, 2015 | 242,579 |
| LPL Holdings, Inc. | | | |
| | 448 | Term Loan, 2.04%, Maturing June 28, 2013 | 448,797 |
| | 1,410 | Term Loan, 4.25%, Maturing June 25, 2015 | 1,421,058 |
| | 1,067 | Term Loan, 5.25%, Maturing June 28, 2017 | 1,082,941 |
| MSCI, Inc. | | | |
| | 1,617 | Term Loan, 4.75%, Maturing June 1, 2016 | 1,630,518 |
| Nuveen Investments, Inc. | | | |
| | 1,209 | Term Loan, 3.30%, Maturing November 13, 2014 | 1,152,543 |
| | 1,412 | Term Loan, 5.80%, Maturing May 12, 2017 | 1,346,711 |
| Oxford Acquisition III, Ltd. | | | |
| | 187 | Term Loan, 2.04%, Maturing May 12, 2014 | 177,562 |
| RJO Holdings Corp. (RJ O Brien) | | | |
| | 4 | Term Loan, 6.27%, Maturing December 10, 2015 ⁽⁵⁾ | 3,061 |
| | 118 | Term Loan, 6.27%, Maturing December 10, 2015 ⁽⁵⁾ | 94,465 |
| | | | \$ 14,451,331 |

Food Products 3.6%

Acosta, Inc.

| | | |
|-------|--|--------------|
| 1,576 | Term Loan, 2.52%, Maturing July 28, 2013 | \$ 1,559,200 |
|-------|--|--------------|

Dean Foods Co.

| | | |
|-------|--|-----------|
| 1,302 | Term Loan, 1.81%, Maturing April 2, 2014 | 1,250,628 |
|-------|--|-----------|

Dole Food Company, Inc.

| | | |
|-----|--|---------|
| 487 | Term Loan, 5.04%, Maturing March 2, 2017 | 491,081 |
|-----|--|---------|

| | | |
|-----|--|---------|
| 196 | Term Loan, 5.06%, Maturing March 2, 2017 | 197,718 |
|-----|--|---------|

Michael Foods Holdings, Inc.

| | | |
|-----|--|---------|
| 346 | Term Loan, 6.26%, Maturing June 29, 2016 | 351,052 |
|-----|--|---------|

Pierre Foods, Inc.

| | | |
|-----|---|---------|
| 623 | Term Loan, 7.00%, Maturing September 30, 2016 | 621,619 |
|-----|---|---------|

Pinnacle Foods Finance, LLC

| | | |
|-------|--|-----------|
| 2,928 | Term Loan, 2.76%, Maturing April 2, 2014 | 2,877,269 |
|-------|--|-----------|

Provimi Group SA

| | | |
|-----|--|---------|
| 120 | Term Loan, 2.51%, Maturing June 28, 2015 | 115,057 |
|-----|--|---------|

| | | |
|-----|--|---------|
| 147 | Term Loan, 2.51%, Maturing June 28, 2015 | 141,592 |
|-----|--|---------|

| | | | |
|-----|-----|--|---------|
| EUR | 155 | Term Loan, 3.05%, Maturing June 28, 2015 | 198,865 |
|-----|-----|--|---------|

See notes to financial statements

Eaton Vance Senior Income Trust as of December 31, 2010

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* (000 s omitted) | Borrower/Tranche Description | Value |
|---|--|---------------------|
| Food Products (continued) | | |
| EUR | 250 Term Loan, 3.05%, Maturing June 28, 2015 | \$ 320,870 |
| EUR | 267 Term Loan, 3.05%, Maturing June 28, 2015 | 342,719 |
| EUR | 344 Term Loan, 3.05%, Maturing June 28, 2015 | 441,953 |
| | 119 Term Loan - Second Lien, 4.51%, Maturing December 28, 2016 | 104,359 |
| EUR | 19 Term Loan - Second Lien, 5.05%, Maturing December 28, 2016 | 22,749 |
| EUR | 265 Term Loan - Second Lien, 5.05%, Maturing December 28, 2016 | 311,573 |
| | | \$ 9,348,304 |
| Food Service 4.9% | | |
| Aramark Corp. | | |
| | 88 Term Loan, 2.14%, Maturing January 27, 2014 | \$ 87,593 |
| | 1,081 Term Loan, 2.18%, Maturing January 27, 2014 | 1,074,284 |
| GBP | 480 Term Loan, 2.76%, Maturing January 27, 2014 | 725,917 |
| | 157 Term Loan, 3.51%, Maturing July 26, 2016 | 157,022 |
| | 2,386 Term Loan, 3.55%, Maturing July 26, 2016 | 2,387,628 |
| Buffets, Inc. | | |
| | 620 Term Loan, 12.00%, Maturing April 21, 2015 ⁽³⁾ | 582,683 |

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| | | |
|--|--|----------------------|
| 63 | Term Loan, 7.40%, Maturing April 22, 2015 ⁽³⁾ | 48,553 |
| Burger King Corp. | | |
| 2,400 | Term Loan, 6.25%, Maturing October 19, 2016 | 2,437,930 |
| CBRL Group, Inc. | | |
| 487 | Term Loan, 1.79%, Maturing April 29, 2013 | 485,547 |
| 311 | Term Loan, 2.79%, Maturing April 27, 2016 | 311,161 |
| DineEquity, Inc. | | |
| 914 | Term Loan, 6.00%, Maturing October 19, 2017 | 930,186 |
| Dunkin Brands, Inc. | | |
| 1,050 | Term Loan, 5.75%, Maturing November 23, 2017 | 1,063,904 |
| NPC International, Inc. | | |
| 162 | Term Loan, 2.03%, Maturing May 3, 2013 | 158,958 |
| OSI Restaurant Partners, LLC | | |
| 148 | Term Loan, 2.56%, Maturing June 14, 2013 | 141,428 |
| 1,485 | Term Loan, 2.63%, Maturing June 14, 2014 | 1,421,694 |
| QCE Finance, LLC | | |
| 449 | Term Loan, 5.01%, Maturing May 5, 2013 | 401,106 |
| Wendy s/Arby s Restaurants, LLC | | |
| 423 | Term Loan, 5.00%, Maturing May 24, 2017 | 425,465 |
| | | \$ 12,841,059 |

Food/Drug Retailers 4.4%

General Nutrition Centers, Inc.

2,796 Term Loan, 2.54%, Maturing September 16, 2013 \$ 2,780,310

NBTY, Inc.

1,025 Term Loan, 6.25%, Maturing October 2, 2017 1,040,798

Pantry, Inc. (The)

118 Term Loan, 2.02%, Maturing May 15, 2014 113,907

409 Term Loan, 2.02%, Maturing May 15, 2014 395,601

Rite Aid Corp.

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| | | |
|------------------------------------|---|----------------------|
| 4,019 | Term Loan, 2.02%, Maturing June 4, 2014 | 3,666,309 |
| 538 | Term Loan, 6.00%, Maturing June 4, 2014 | 533,929 |
| Roundy's Supermarkets, Inc. | | |
| 2,967 | Term Loan, 7.00%, Maturing November 3, 2013 | 2,971,728 |
| | | \$ 11,502,582 |

Forest Products 1.2%

Georgia-Pacific Corp.

| | | |
|-------|--|---------------------|
| 2,663 | Term Loan, 2.30%, Maturing December 21, 2012 | \$ 2,664,536 |
| 504 | Term Loan, 3.55%, Maturing December 23, 2014 | 506,887 |
| | | \$ 3,171,423 |

Health Care 17.0%

1-800-Contacts, Inc.

| | | |
|-----|--|------------|
| 455 | Term Loan, 7.70%, Maturing March 4, 2015 | \$ 453,609 |
|-----|--|------------|

Alliance Healthcare Services

| | | |
|-----|---|---------|
| 569 | Term Loan, 5.50%, Maturing June 1, 2016 | 570,496 |
|-----|---|---------|

Ascend Learning

| | | |
|-----|---|---------|
| 550 | Term Loan, 7.75%, Maturing December 6, 2016 | 540,375 |
|-----|---|---------|

Aveta Holdings, LLC

| | | |
|-----|---|---------|
| 274 | Term Loan, 8.50%, Maturing April 14, 2015 | 271,899 |
| 274 | Term Loan, 8.50%, Maturing April 14, 2015 | 271,899 |

Biomet, Inc.

| | | |
|-------|---|-----------|
| 2,957 | Term Loan, 3.29%, Maturing March 25, 2015 | 2,952,485 |
|-------|---|-----------|

Bright Horizons Family Solutions, Inc.

| | | |
|-----|---|---------|
| 463 | Term Loan, 7.50%, Maturing May 28, 2015 | 465,978 |
|-----|---|---------|

Cardinal Health 409, Inc.

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| | | |
|---------------------------------------|---|-----------|
| 1,282 | Term Loan, 2.51%, Maturing April 10, 2014 | 1,221,363 |
| Carestream Health, Inc. | | |
| 1,167 | Term Loan, 2.26%, Maturing April 30, 2013 | 1,145,234 |
| Carl Zeiss Vision Holding GmbH | | |
| 567 | Term Loan, 1.87%, Maturing October 24, 2014 | 479,115 |
| 63 | Term Loan, 4.00%, Maturing September 30, 2019 | 46,305 |
| Community Health Systems, Inc. | | |
| 164 | Term Loan, 2.54%, Maturing July 25, 2014 | 160,328 |
| 3,187 | Term Loan, 2.54%, Maturing July 25, 2014 | 3,113,088 |
| 1,602 | Term Loan, 3.79%, Maturing January 25, 2017 | 1,599,347 |
| ConMed Corp. | | |
| 244 | Term Loan, 1.77%, Maturing April 12, 2013 | 229,517 |
| ConvaTec Cidron | | |
| 350 | Term Loan, 5.75%, Maturing December 22, 2016 | 354,699 |

See notes to financial statements

Eaton Vance Senior Income Trust as of December 31, 2010

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* | Borrower/Tranche Description | Value |
|---|--|--------------|
| (000 s omitted) | | |
| Health Care (continued) | | |
| CRC Health Corp. | | |
| 236 | Term Loan, 2.55%, Maturing February 6, 2013 | \$ 229,072 |
| 261 | Term Loan, 2.55%, Maturing February 6, 2013 | 253,245 |
| DaVita, Inc. | | |
| 1,500 | Term Loan, 4.50%, Maturing October 20, 2016 | 1,516,206 |
| DJO Finance, LLC | | |
| 360 | Term Loan, 3.26%, Maturing May 20, 2014 | 354,970 |
| Grifols SA | | |
| 1,050 | Term Loan, Maturing November 23, 2016 ⁽⁴⁾ | 1,063,563 |
| Hanger Orthopedic Group, Inc. | | |
| 325 | Term Loan, 5.25%, Maturing November 17, 2016 | 328,250 |
| HCA, Inc. | | |
| 925 | Term Loan, 2.55%, Maturing November 18, 2013 | 916,960 |
| 2,218 | Term Loan, 3.55%, Maturing March 31, 2017 | 2,217,444 |
| Health Management Associates, Inc. | | |
| 2,385 | Term Loan, 2.05%, Maturing February 28, 2014 | 2,345,063 |
| Iasis Healthcare, LLC | | |
| 41 | Term Loan, 2.26%, Maturing March 14, 2014 | 40,504 |
| 151 | Term Loan, 2.26%, Maturing March 14, 2014 | 148,091 |
| 437 | Term Loan, 2.26%, Maturing March 14, 2014 | 427,857 |
| Ikaria Acquisition, Inc. | | |
| 448 | Term Loan, 7.00%, Maturing May 16, 2016 | 417,853 |

| | | |
|---|---|-----------|
| IM U.S. Holdings, LLC | | |
| 2,350 | Term Loan - Second Lien, 4.51%, Maturing June 26, 2015 | 2,292,719 |
| IMS Health, Inc. | | |
| 644 | Term Loan, 5.25%, Maturing February 26, 2016 | 651,702 |
| inVentiv Health, Inc. | | |
| 373 | Term Loan, 6.50%, Maturing August 4, 2016 | 376,623 |
| Lifepoint Hospitals, Inc. | | |
| 1,086 | Term Loan, 3.04%, Maturing April 15, 2015 | 1,087,192 |
| Medassets, Inc. | | |
| 475 | Term Loan, 5.25%, Maturing November 16, 2016 | 478,068 |
| MPT Operating Partnership, L.P. | | |
| 522 | Term Loan, 5.00%, Maturing May 17, 2016 | 522,375 |
| MultiPlan, Inc. | | |
| 1,284 | Term Loan, 6.50%, Maturing August 26, 2017 | 1,299,281 |
| Mylan, Inc. | | |
| 467 | Term Loan, 3.56%, Maturing October 2, 2014 | 469,026 |
| National Mentor Holdings, Inc. | | |
| 34 | Term Loan, 2.15%, Maturing June 29, 2013 | 32,256 |
| 541 | Term Loan, 2.27%, Maturing June 29, 2013 | 519,276 |
| Nyco Holdings | | |
| 1,416 | Term Loan, 4.26%, Maturing December 29, 2014 | 1,360,366 |
| 1,416 | Term Loan - Second Lien, 4.76%, Maturing December 29, 2015 | 1,359,953 |
| Physiotherapy Associates, Inc. | | |
| 344 | Term Loan, 7.50%, Maturing June 27, 2013 | 323,472 |
| Prime Healthcare Services, Inc. | | |
| 1,166 | Term Loan, 7.25%, Maturing April 22, 2015 | 1,134,117 |
| RadNet Management, Inc. | | |
| 546 | Term Loan, 5.75%, Maturing April 1, 2016 | 543,146 |
| ReAble Therapeutics Finance, LLC | | |
| 854 | Term Loan, 2.27%, Maturing November 18, 2013 | 853,052 |
| RehabCare Group, Inc. | | |
| 364 | Term Loan, 6.00%, Maturing November 24, 2015 | 366,632 |
| Renal Advantage Holdings, Inc. | | |

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| | | | |
|---|-------|---|----------------------|
| | 375 | Term Loan, 5.75%, Maturing December 16, 2016 | 377,227 |
| Res-Care, Inc. | | | |
| | 425 | Term Loan, 6.25%, Maturing December 22, 2016 | 418,625 |
| Select Medical Holdings Corp. | | | |
| | 924 | Term Loan, 4.04%, Maturing August 22, 2014 | 926,648 |
| Skillsoft Corp. | | | |
| | 498 | Term Loan, 6.50%, Maturing May 26, 2017 | 502,682 |
| Sunquest Information Systems, Inc. | | | |
| | 375 | Term Loan, 6.25%, Maturing December 16, 2016 | 375,000 |
| Sunrise Medical Holdings, Inc. | | | |
| EUR | 134 | Term Loan, 6.75%, Maturing May 13, 2014 | 165,250 |
| TZ Merger Sub., Inc. | | | |
| | 998 | Term Loan, 5.75%, Maturing August 4, 2015 | 1,004,981 |
| Universal Health Services, Inc. | | | |
| | 1,125 | Term Loan, 5.50%, Maturing November 15, 2016 | 1,141,566 |
| Vanguard Health Holding Co., LLC | | | |
| | 744 | Term Loan, 5.00%, Maturing January 29, 2016 | 749,196 |
| VWR Funding, Inc. | | | |
| | 980 | Term Loan, 2.76%, Maturing June 30, 2014 | 956,973 |
| | | | \$ 44,422,219 |

Home Furnishings 0.8%

Hunter Fan Co.

191 Term Loan, 2.77%, Maturing April 16,
2014 \$ 170,560

National Bedding Co., LLC

962 Term Loan, 3.82%, Maturing
November 28, 2013 957,687

350 Term Loan - Second Lien, 5.31%,
Maturing February 28, 2014 341,250

Oreck Corp.

128 Term Loan - Second Lien, 3.80%,
Maturing March 19, 2016⁽⁵⁾ 114,986

Sanitec Europe OY

EUR 387 424,706

Term Loan, 2.50%, Maturing June 24,
2016

\$ 2,009,189

See notes to financial statements

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Eaton Vance Senior Income Trust as of December 31, 2010

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* | (000 s omitted) Borrower/Tranche Description | Value |
|------------------------------|--|--------------|
| | Industrial Equipment 3.6% | |
| | Alliance Laundry Systems, LLC | |
| 489 | Term Loan, 6.25%, Maturing September 23, 2016 | \$ 495,796 |
| | Brand Energy and Infrastructure Services, Inc. | |
| 459 | Term Loan, 2.56%, Maturing February 7, 2014 | 443,045 |
| 392 | Term Loan, 3.56%, Maturing February 7, 2014 | 382,935 |
| | Bucyrus International, Inc. | |
| 672 | Term Loan, 4.25%, Maturing February 19, 2016 | 675,289 |
| | Butterfly Wendel US, Inc. | |
| 423 | Term Loan, 3.54%, Maturing June 23, 2014 | 390,156 |
| 577 | Term Loan, 4.04%, Maturing June 22, 2015 | 532,344 |
| | EPD Holdings, (Goodyear Engineering Products) | |
| 102 | Term Loan, 2.77%, Maturing July 31, 2014 | 89,915 |
| 711 | Term Loan, 2.77%, Maturing July 31, 2014 | 627,779 |
| 425 | Term Loan - Second Lien, 6.01%, Maturing July 13, 2015 | 351,688 |
| | Generac Acquisition Corp. | |
| 490 | Term Loan, 2.79%, Maturing November 11, 2013 | 481,827 |
| | Gleason Corp. | |
| 350 | Term Loan, 2.05%, Maturing June 30, 2013 | 342,391 |
| | Jason, Inc. | |
| 46 | Term Loan, 8.25%, Maturing September 21, 2014 | 45,848 |
| 117 | Term Loan, 8.25%, Maturing September 21, 2014 | 116,786 |
| | John Maneely Co. | |
| 1,130 | Term Loan, 3.54%, Maturing December 9, 2013 | 1,111,317 |
| | KION Group GmbH | |
| 251 | Term Loan, 4.01%, Maturing December 23, 2014 ⁽³⁾ | 218,438 |

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| | | |
|-----------------------|---|---------------------|
| 251 | Term Loan, 4.26%, Maturing December 23, 2015 ⁽³⁾ | 218,438 |
| Pinafore, LLC | | |
| 1,061 | Term Loan, 6.25%, Maturing September 29, 2016 | 1,076,812 |
| Polypore, Inc. | | |
| 1,536 | Term Loan, 2.27%, Maturing July 3, 2014 | 1,519,022 |
| Sequa Corp. | | |
| 397 | Term Loan, 3.54%, Maturing December 3, 2014 | 385,474 |
| | | \$ 9,505,300 |

Insurance 2.0%

AmWINS Group, Inc.

| | | |
|-----|---|------------|
| 500 | Term Loan - Second Lien, 5.81%, Maturing June 8, 2014 | \$ 429,583 |
|-----|---|------------|

Applied Systems, Inc.

| | | |
|-----|---|---------|
| 700 | Term Loan, 5.50%, Maturing December 6, 2016 | 702,625 |
|-----|---|---------|

CCC Information Services Group, Inc.

| | | |
|-----|--|---------|
| 725 | Term Loan, 5.50%, Maturing November 11, 2015 | 731,108 |
|-----|--|---------|

Conseco, Inc.

| | | |
|-----|---|---------|
| 725 | Term Loan, 7.50%, Maturing September 30, 2016 | 731,344 |
|-----|---|---------|

Crawford & Company

| | | |
|-----|---|---------|
| 617 | Term Loan, 5.25%, Maturing October 30, 2013 | 609,920 |
|-----|---|---------|

HUB International Holdings, Inc.

| | | |
|-----|--|---------|
| 180 | Term Loan, 2.80%, Maturing June 13, 2014 | 175,360 |
| 802 | Term Loan, 2.80%, Maturing June 13, 2014 | 780,136 |
| 272 | Term Loan, 6.75%, Maturing June 13, 2014 | 272,038 |

U.S.I. Holdings Corp.

| | | |
|-----|--|---------|
| 917 | Term Loan, 2.77%, Maturing May 5, 2014 | 888,102 |
|-----|--|---------|

\$ 5,320,216

Leisure Goods/Activities/Movies 7.1%

AMC Entertainment, Inc.

| | | |
|-------|--|--------------|
| 1,932 | | \$ 1,939,762 |
|-------|--|--------------|

| | | |
|--|---|-----------|
| | Term Loan, 3.50%, Maturing December 16, 2016 | |
| Bombardier Recreational Products | | |
| 980 | Term Loan, 3.27%, Maturing June 28, 2013 | 926,677 |
| Carmike Cinemas, Inc. | | |
| 1,120 | Term Loan, 5.50%, Maturing January 27, 2016 | 1,126,310 |
| Cedar Fair, L.P. | | |
| 1,477 | Term Loan, 5.50%, Maturing December 15, 2016 | 1,494,773 |
| CFV I, LLC/Hicks Sports Group | | |
| 28 | Term Loan, 11.09%, Maturing January 14, 2011 ⁽²⁾ | 28,547 |
| Cinemark, Inc. | | |
| 1,916 | Term Loan, 3.53%, Maturing April 29, 2016 | 1,928,222 |
| ClubCorp Club Operations, Inc. | | |
| 325 | Term Loan, 6.00%, Maturing November 9, 2016 | 327,641 |
| Dave & Buster s, Inc. | | |
| 498 | Term Loan, 6.00%, Maturing June 1, 2016 | 498,122 |
| Deluxe Entertainment Services | | |
| 35 | Term Loan, 6.25%, Maturing May 11, 2013 | 34,115 |
| 567 | Term Loan, 6.25%, Maturing May 11, 2013 | 545,847 |
| Miramax Film NY, LLC | | |
| 500 | Term Loan, 7.75%, Maturing May 20, 2016 | 507,500 |
| National CineMedia, LLC | | |
| 1,900 | Term Loan, 2.06%, Maturing February 13, 2015 | 1,871,160 |
| Regal Cinemas Corp. | | |
| 2,356 | Term Loan, 3.80%, Maturing November 21, 2016 | 2,367,710 |
| Revolution Studios Distribution Co., LLC | | |
| 522 | Term Loan, 4.02%, Maturing December 21, 2014 | 414,765 |
| 450 | Term Loan - Second Lien, 7.27%, Maturing June 21, 2015 ⁽⁵⁾ | 148,500 |
| Six Flags Theme Parks, Inc. | | |
| 1,607 | Term Loan, 5.50%, Maturing June 30, 2016 | 1,624,055 |
| SW Acquisition Co., Inc. | | |
| 891 | Term Loan, 5.75%, Maturing June 1, 2016 | 899,353 |
| Universal City Development Partners, Ltd. | | |
| 1,238 | Term Loan, 5.50%, Maturing November 6, 2014 | 1,250,643 |

See notes to financial statements

Eaton Vance Senior Income Trust as of December 31, 2010

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* | | Borrower/Tranche Description | Value |
|---|--|---|----------------------|
| (000 s omitted) | | | |
| Leisure Goods/Activities/Movies (continued) | | | |
| Zuffa, LLC | | | |
| 485 | | Term Loan, 2.31%, Maturing June 19, 2015 | \$ 477,651 |
| | | | \$ 18,411,353 |
| Lodging and Casinos 3.8% | | | |
| Ameristar Casinos, Inc. | | | |
| 570 | | Term Loan, 3.54%, Maturing November 10, 2012 | \$ 570,998 |
| Gala Electric Casinos, Ltd. | | | |
| GBP 1,000 | | Term Loan, 4.91%, Maturing December 12, 2014 | 1,456,459 |
| GBP 1,000 | | Term Loan, 5.41%, Maturing December 12, 2014 | 1,456,459 |
| Harrah s Operating Co. | | | |
| 1,569 | | Term Loan, 3.29%, Maturing January 28, 2015 | 1,420,149 |
| 990 | | Term Loan, 9.50%, Maturing October 31, 2016 | 1,044,450 |
| Herbst Gaming, Inc. | | | |
| 411 | | Term Loan, 10.00%, Maturing December 31, 2015 | 420,261 |
| Isle of Capri Casinos, Inc. | | | |
| 100 | | Term Loan, 5.00%, Maturing July 26, 2014 | 99,840 |
| 113 | | Term Loan, 5.00%, Maturing July 26, 2014 | 113,514 |
| 283 | | Term Loan, 5.00%, Maturing July 26, 2014 | 283,786 |

Las Vegas Sands, LLC

| | | |
|-------|---|-----------|
| 294 | Term Loan, 3.03%, Maturing November 23, 2016 | 283,859 |
| 1,165 | Term Loan, 3.03%, Maturing November 23, 2016 | 1,123,761 |

LodgeNet Entertainment Corp.

| | | |
|-----|---|---------|
| 604 | Term Loan, 2.31%, Maturing April 4, 2014 | 560,953 |
|-----|---|---------|

Penn National Gaming, Inc.

| | | |
|-----|---|---------|
| 388 | Term Loan, 2.03%, Maturing October 3, 2012 | 387,662 |
|-----|---|---------|

Tropicana Entertainment, Inc.

| | | |
|-----|--|---------|
| 131 | Term Loan, 15.00%, Maturing March 8, 2013 | 144,756 |
|-----|--|---------|

VML US Finance, LLC

| | | |
|-----|--|---------|
| 199 | Term Loan, 4.80%, Maturing May 25, 2012 | 200,084 |
| 398 | Term Loan, 4.80%, Maturing May 23, 2013 | 400,168 |

\$ 9,967,159

Nonferrous Metals/Minerals 0.9%

Euramax International, Inc.

| | | |
|-----|---|------------|
| 165 | Term Loan, 10.00%, Maturing June 29, 2013 | \$ 156,856 |
| 156 | Term Loan, 14.00%, Maturing June 29, 2013 ⁽³⁾ | 148,623 |

Fairmount Minerals, Ltd.

| | | |
|-----|--|---------|
| 472 | Term Loan, 6.27%, Maturing August 5, 2016 | 481,067 |
|-----|--|---------|

Noranda Aluminum Acquisition

| | | |
|----|--|--------|
| 44 | Term Loan, 2.01%, Maturing May 18, 2014 | 43,649 |
|----|--|--------|

Novelis, Inc.

| | | |
|-------|---|-----------|
| 1,025 | Term Loan, 5.25%, Maturing December 19, 2016 | 1,039,734 |
|-------|---|-----------|

Oxbow Carbon and Mineral Holdings

| | | |
|-----|---|---------|
| 532 | Term Loan, 3.80%, Maturing May 8, 2016 | 531,645 |
|-----|---|---------|

\$ 2,401,574

Oil and Gas 3.6%

Big West Oil, LLC

375 Term Loan, 7.00%, Maturing March 31, 2016 \$ 379,688

CITGO Petroleum Corp.

268 Term Loan, 8.00%, Maturing June 24, 2015 277,132

1,269 Term Loan, 9.00%, Maturing June 23, 2017 1,325,317

Dresser, Inc.

481 Term Loan, 2.53%, Maturing May 4, 2014 480,841

700 Term Loan - Second Lien, 6.03%, Maturing May 4, 2015 700,438

Dynegy Holdings, Inc.

221 Term Loan, 4.02%, Maturing April 2, 2013 220,101

3,276 Term Loan, 4.02%, Maturing April 2, 2013 3,259,935

Obsidian Natural Gas Trust

1,620 Term Loan, 7.00%, Maturing November 2, 2015 1,640,515

SemGroup Corp.

205 Term Loan, 7.21%, Maturing November 30, 2012 206,308

Sheridan Production Partners I, LLC

53 Term Loan, 7.50%, Maturing April 20, 2017 53,448

87 Term Loan, 7.50%, Maturing April 20, 2017 87,504

654 Term Loan, 7.50%, Maturing April 20, 2017 660,368

\$ 9,291,595

Publishing 4.7%

Aster Zweite Beteiligungs GmbH

500 Term Loan, 2.71%, Maturing September 27, 2013 \$ 478,125

EUR 236 Term Loan, 3.39%, Maturing December 31, 2014 310,855

EUR 264 Term Loan, 3.39%, Maturing December 31, 2014 347,273

GateHouse Media Operating, Inc.

| | | |
|-----|--|---------|
| 324 | Term Loan, 2.27%, Maturing August 28, 2014 | 128,754 |
| 723 | Term Loan, 2.27%, Maturing August 28, 2014 | 287,220 |
| 349 | Term Loan, 2.52%, Maturing August 28, 2014 | 138,658 |

Getty Images, Inc.

| | | |
|-------|---|-----------|
| 1,496 | Term Loan, 5.25%, Maturing November 7, 2016 | 1,511,025 |
|-------|---|-----------|

Laureate Education, Inc.

| | | |
|-------|--|-----------|
| 243 | Term Loan, 3.54%, Maturing August 17, 2014 | 229,126 |
| 1,621 | Term Loan, 3.54%, Maturing August 17, 2014 | 1,530,429 |
| 494 | Term Loan, 7.00%, Maturing August 31, 2014 | 493,441 |

MediaNews Group, Inc.

| | | |
|----|---|--------|
| 71 | Term Loan, 8.50%, Maturing March 19, 2014 | 69,934 |
|----|---|--------|

Merrill Communications, LLC

| | | |
|-----|--|---------|
| 645 | Term Loan, 8.50%, Maturing December 24, 2012 | 643,286 |
|-----|--|---------|

See notes to financial statements

Eaton Vance Senior Income Trust as of December 31, 2010

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* | Borrower/Tranche Description | Value |
|---|--|----------------------|
| (000 s omitted) | | |
| Publishing (continued) | | |
| Nelson Education, Ltd. | | |
| 236 | Term Loan, 2.80%, Maturing July 5, 2014 | \$ 203,303 |
| Nielsen Finance, LLC | | |
| 2,203 | Term Loan, 2.26%, Maturing August 9, 2013 | 2,181,580 |
| 985 | Term Loan, 4.01%, Maturing May 2, 2016 | 981,683 |
| SGS International, Inc. | | |
| 272 | Term Loan, 3.96%, Maturing September 30, 2013 | 269,648 |
| Source Media, Inc. | | |
| 497 | Term Loan, 7.00%, Maturing November 8, 2011 | 477,920 |
| Springer Science+Business Media SA | | |
| EUR 500 | Term Loan, 6.75%, Maturing June 30, 2015 | 673,161 |
| Xsys, Inc. | | |
| 605 | Term Loan, 2.71%, Maturing September 27, 2013 | 578,650 |
| 618 | Term Loan, 2.71%, Maturing September 27, 2014 | 591,046 |
| | | \$ 12,125,117 |
| Radio and Television 2.9% | | |
| Block Communications, Inc. | | |
| 428 | Term Loan, 2.30%, Maturing December 22, 2011 | \$ 414,675 |
| CMP KC, LLC | | |

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| | | | |
|---|-------|--|---------------------|
| | 478 | Term Loan, 0.00%, Maturing May 3, 2011 ⁽⁵⁾⁽⁶⁾ | 137,213 |
| CMP Susquehanna Corp. | | | |
| | 886 | Term Loan, 2.31%, Maturing May 5, 2013 | 798,801 |
| Gray Television, Inc. | | | |
| | 350 | Term Loan, 3.79%, Maturing December 31, 2014 | 343,308 |
| HIT Entertainment, Inc. | | | |
| | 583 | Term Loan, 5.54%, Maturing June 1, 2012 | 573,284 |
| Live Nation Worldwide, Inc. | | | |
| | 1,141 | Term Loan, 4.50%, Maturing November 7, 2016 | 1,143,267 |
| Mission Broadcasting, Inc. | | | |
| | 262 | Term Loan, 5.00%, Maturing September 30, 2016 | 261,934 |
| Nexstar Broadcasting, Inc. | | | |
| | 410 | Term Loan, 5.00%, Maturing September 30, 2016 | 409,691 |
| Raycom TV Broadcasting, LLC | | | |
| | 771 | Term Loan, 1.81%, Maturing June 25, 2014 | 728,713 |
| Tyrol Acquisition 2 SAS | | | |
| EUR | 500 | Term Loan, Maturing January 30, 2015 ⁽⁴⁾ | 607,645 |
| EUR | 500 | Term Loan, Maturing January 29, 2016 ⁽⁴⁾ | 607,645 |
| Univision Communications, Inc. | | | |
| | 750 | Term Loan, 2.51%, Maturing September 29, 2014 | 717,612 |
| | 750 | Term Loan, 4.51%, Maturing March 31, 2017 | 714,008 |
| | | | \$ 7,457,796 |
| | | | |
| Rail Industries 0.4% | | | |
| Kansas City Southern Railway Co. | | | |
| | 976 | Term Loan, 2.04%, Maturing April 26, 2013 | \$ 961,804 |
| | | | \$ 961,804 |
| | | | |
| Retailers (Except Food and Drug) 4.4% | | | |

| | | |
|--|---|----------------------|
| Amscan Holdings, Inc. | | |
| 773 | Term Loan, 7.35%, Maturing December 4, 2017 | \$ 773,788 |
| Harbor Freight Tools USA, Inc. | | |
| 925 | Term Loan, 6.50%, Maturing December 22, 2017 | 925,000 |
| Michaels Stores, Inc. | | |
| 1,653 | Term Loan, 2.56%, Maturing October 31, 2013 | 1,612,491 |
| Neiman Marcus Group, Inc. | | |
| 1,714 | Term Loan, 4.30%, Maturing April 6, 2016 | 1,699,467 |
| Orbitz Worldwide, Inc. | | |
| 1,535 | Term Loan, 3.28%, Maturing July 25, 2014 | 1,437,700 |
| Oriental Trading Co., Inc. | | |
| 700 | Term Loan - Second Lien, 0.00%, Maturing January 31, 2014 ⁽⁶⁾ | 21,000 |
| Petco Animal Supplies, Inc. | | |
| 625 | Term Loan, 6.00%, Maturing November 24, 2017 | 630,027 |
| Pilot Travel Centers, LLC | | |
| 495 | Term Loan, 5.25%, Maturing June 30, 2016 | 502,986 |
| Rent-A-Center, Inc. | | |
| 2 | Term Loan, 2.06%, Maturing June 30, 2012 | 1,648 |
| 395 | Term Loan, 3.31%, Maturing March 31, 2015 | 395,966 |
| Savers, Inc. | | |
| 596 | Term Loan, 5.75%, Maturing March 11, 2016 | 597,733 |
| Visant Corp. | | |
| 524 | Term Loan, 7.00%, Maturing December 22, 2016 | 530,288 |
| Vivarte | | |
| EUR | 13 Term Loan - Second Lien, 4.32%, Maturing September 8, 2016 | 14,687 |
| EUR | 88 Term Loan - Second Lien, 4.32%, Maturing September 8, 2016 | 91,436 |
| EUR | 900 Term Loan - Second Lien, 4.32%, Maturing September 8, 2016 | 940,488 |
| Yankee Candle Company, Inc. (The) | | |
| 1,184 | Term Loan, 2.29%, Maturing February 6, 2014 | 1,171,415 |
| | | \$ 11,346,120 |

Steel 0.1%

Niagara Corp.

| | | | |
|-----|--|----|----------------|
| 376 | Term Loan, 10.50%, Maturing June 29, 2014 ⁽³⁾⁽⁵⁾ | \$ | 355,850 |
| | | \$ | 355,850 |

See notes to financial statements

Eaton Vance Senior Income Trust as of December 31, 2010

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* (000 s omitted) | Borrower/Tranche Description | Value |
|---|---|---------------------|
| Surface Transport | 0.5% | |
| Swift Transportation Co., Inc. | | |
| 1,200 | Term Loan, 6.75%, Maturing December 16, 2016 | \$ 1,203,150 |
| | | \$ 1,203,150 |
| Telecommunications | 6.4% | |
| Alaska Communications Systems Holdings, Inc. | | |
| 925 | Term Loan, 5.50%, Maturing October 21, 2016 | \$ 930,203 |
| Asurion Corp. | | |
| 765 | Term Loan, 3.27%, Maturing July 3, 2014 | 728,123 |
| 1,000 | Term Loan, 6.75%, Maturing March 31, 2015 | 1,004,018 |
| CommScope, Inc. | | |
| 835 | Term Loan, 4.00%, Maturing December 26, 2014 | 835,414 |
| Intelsat Corp. | | |
| 1,408 | Term Loan, 2.79%, Maturing January 3, 2014 | 1,406,010 |
| 1,408 | Term Loan, 2.79%, Maturing January 3, 2014 | 1,406,010 |
| 1,409 | Term Loan, 2.79%, Maturing January 3, 2014 | 1,406,444 |
| Intelsat Subsidiary Holding Co. | | |
| 504 | Term Loan, 2.79%, Maturing July 3, 2013 | 501,060 |
| Macquarie UK Broadcast Ventures, Ltd. | | |
| GBP | 414 | 557,487 |

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| | | | |
|---------------------------------------|-------|---|----------------------|
| | | Term Loan, 2.60%, Maturing December 1, 2014 | |
| NTelos, Inc. | | | |
| | 1,485 | Term Loan, 5.75%, Maturing August 7, 2015 | 1,492,779 |
| Syniverse Technologies, Inc. | | | |
| | 750 | Term Loan, Maturing December 21, 2017 ⁽⁴⁾ | 760,313 |
| Telenet BidCo N.V. | | | |
| EUR | 500 | Term Loan, 4.55%, Maturing July 31, 2017 | 667,732 |
| Telesat Canada, Inc. | | | |
| | 152 | Term Loan, 3.27%, Maturing October 31, 2014 | 151,491 |
| | 1,768 | Term Loan, 3.27%, Maturing October 31, 2014 | 1,763,686 |
| Wind Telecomunicazioni SpA | | | |
| EUR | 1,800 | Term Loan, Maturing December 15, 2017 ⁽⁴⁾ | 2,378,881 |
| Windstream Corp. | | | |
| | 629 | Term Loan, 3.04%, Maturing December 17, 2015 | 632,459 |
| | | | \$ 16,622,110 |
| | | | |
| Utilities | 3.2% | | |
| AEI Finance Holding, LLC | | | |
| | 145 | Revolving Loan, 3.30%, Maturing March 30, 2012 | \$ 142,997 |
| | 939 | Term Loan, 3.30%, Maturing March 30, 2014 | 926,295 |
| Calpine Corp. | | | |
| | 948 | Term Loan, 3.15%, Maturing March 29, 2014 | 948,621 |
| New Development Holdings, Inc. | | | |
| | 987 | Term Loan, 7.00%, Maturing July 3, 2017 | 1,005,261 |
| NRG Energy, Inc. | | | |
| | 207 | Term Loan, 2.04%, Maturing February 1, 2013 | 206,385 |
| | 1 | Term Loan, 3.90%, Maturing February 1, 2013 | 697 |
| | 986 | Term Loan, 3.55%, Maturing August 31, 2015 | 987,985 |
| | 1,830 | Term Loan, 3.55%, Maturing August 31, 2015 | 1,832,741 |

Pike Electric, Inc.

| | | |
|-----|--|---------|
| 63 | Term Loan, 2.06%, Maturing July 2, 2012 | 60,723 |
| 108 | Term Loan, 2.06%, Maturing December 10, 2012 | 103,695 |

TXU Texas Competitive Electric Holdings Co., LLC

| | | |
|-------|---|-----------|
| 924 | Term Loan, 3.76%, Maturing October 10, 2014 | 715,799 |
| 1,781 | Term Loan, 3.76%, Maturing October 10, 2014 | 1,377,792 |

\$ 8,308,991

Total Senior Floating-Rate Interests
(identified cost \$361,418,653)

\$ 358,752,693

Corporate Bonds & Notes 10.6%

**Principal
Amount***

(000 s omitted) Security

Value

Aerospace and Defense 0.2%

International Lease Finance Corp., Sr. Notes

| | | |
|-----|-------------------------------|------------|
| 175 | 6.50%, 9/1/14 ⁽⁸⁾ | \$ 186,375 |
| 175 | 6.75%, 9/1/16 ⁽⁸⁾ | 187,687 |
| 175 | 7.125%, 9/1/18 ⁽⁸⁾ | 186,813 |

\$ 560,875

Air Transport 0.0%

Continental Airlines

| | | |
|----|-----------------|-----------|
| 47 | 7.033%, 6/15/11 | \$ 47,429 |
|----|-----------------|-----------|

\$ 47,429

Automotive 0.3%

Allison Transmission, Inc.

10 11.00%, 11/1/15⁽⁸⁾ \$ 10,950

665 11.25%, 11/1/15⁽³⁾⁽⁸⁾ 728,175

American Axle & Manufacturing Holdings, Inc., Sr. Notes

85 9.25%, 1/15/17⁽⁸⁾ 95,412

Commercial Vehicle Group, Inc., Sr. Notes

55 8.00%, 7/1/13 50,324

\$ 884,861

See notes to financial statements

Eaton Vance Senior Income Trust as of December 31, 2010

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* (000 s omitted) | Security | Value |
|---|---|---------------------|
| Broadcast Radio and Television 0.7% | | |
| | Entravision Communications, Sr. Notes | |
| 1,000 | 8.75%, 8/1/17 ⁽⁸⁾ | \$ 1,060,000 |
| | LBI Media, Inc., Sr. Disc. Notes | |
| 50 | 11.00%, 10/15/13 | 46,000 |
| | Rainbow National Services, LLC, Sr. Sub. Notes | |
| 80 | 10.375%, 9/1/14 ⁽⁸⁾ | 83,400 |
| | XM Satellite Radio Holdings, Inc. | |
| 485 | 13.00%, 8/1/13 ⁽⁸⁾ | 579,575 |
| | | \$ 1,768,975 |
| Building and Development 0.9% | | |
| | AMO Escrow Corp., Sr. Notes | |
| 975 | 11.50%, 12/15/17 ⁽⁸⁾ | \$ 1,038,375 |
| | Grohe Holding GmbH, Variable Rate | |
| EUR 1,000 | 3.86%, 1/15/14 ⁽¹⁰⁾ | 1,299,552 |
| | | \$ 2,337,927 |
| Business Equipment and Services 0.6% | | |
| | Education Management, LLC, Sr. Notes | |
| 210 | 8.75%, 6/1/14 | \$ 216,300 |
| | Education Management, LLC, Sr. Sub. Notes | |
| 46 | 10.25%, 6/1/16 | 47,380 |
| | MediMedia USA, Inc., Sr. Sub. Notes | |

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| | | | |
|--|-----|----------------------------------|---------------------|
| | 90 | 11.375%, 11/15/14 ⁽⁸⁾ | 77,850 |
| Muzak, LLC/Muzak Finance, Sr. Notes | | | |
| | 13 | 15.00%, 7/31/14 ⁽³⁾ | 9,156 |
| SunGard Data Systems, Inc., Sr. Notes | | | |
| | 900 | 10.625%, 5/15/15 | 996,750 |
| Ticketmaster Entertainment, Inc. | | | |
| | 105 | 10.75%, 8/1/16 | 114,188 |
| | | | \$ 1,461,624 |

Cable and Satellite Television 0.4%

| | | | |
|--|-------|----------------|---------------------|
| Virgin Media Finance PLC, Sr. Notes | | | |
| | 1,000 | 6.50%, 1/15/18 | \$ 1,057,500 |
| | | | \$ 1,057,500 |

Chemicals and Plastics 0.1%

| | | | |
|---|-----|----------------------------------|-------------------|
| INEOS Group Holdings PLC, Sr. Sub. Notes | | | |
| | 180 | 8.50%, 2/15/16 ⁽⁸⁾ | \$ 172,350 |
| Reichhold Industries, Inc., Sr. Notes | | | |
| | 60 | 9.00%, 8/15/14 ⁽⁸⁾ | 53,250 |
| Wellman Holdings, Inc., Sr. Sub. Notes | | | |
| | 189 | 5.00%, 1/29/19 ⁽³⁾⁽⁵⁾ | 0 |
| | | | \$ 225,600 |

Conglomerates 0.0%

| | | | |
|---------------------------------------|----|----------------|------------------|
| RBS Global & Rexnord Corp. | | | |
| | 90 | 11.75%, 8/1/16 | \$ 96,975 |
| | | | \$ 96,975 |

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Containers and Glass Products 0.2%

Berry Plastics Corp., Sr. Notes, Variable Rate

500 5.039%, 2/15/15 \$ 485,000

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

175 8.50%, 8/1/14 145,250

\$ 630,250

Cosmetics/Toiletries 0.1%

Revlon Consumer Products Corp.

165 9.75%, 11/15/15⁽⁸⁾ \$ 175,312

\$ 175,312

Electronics/Electrical 0.2%

NXP BV/NXP Funding, LLC, Variable Rate

425 3.039%, 10/15/13 \$ 420,219

\$ 420,219

Equipment Leasing 0.0%

Hertz Corp.

16 8.875%, 1/1/14 \$ 16,440

\$ 16,440

Financial Intermediaries 0.1%

Ford Motor Credit Co., Sr. Notes

125 8.00%, 12/15/16 \$ 139,849

\$ 139,849

Food Products 0.4%

Smithfield Foods, Inc., Sr. Notes

1,000 10.00%, 7/15/14⁽⁸⁾ \$ 1,157,500

\$ 1,157,500

See notes to financial statements

Eaton Vance Senior Income Trust as of December 31, 2010

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* (000 s omitted) | Security | Value |
|---|---|-------------------|
| Food Service | 0.1% | |
| | NPC International, Inc., Sr. Sub. Notes | |
| 135 | 9.50%, 5/1/14 | \$ 138,713 |
| | | \$ 138,713 |
| Food/Drug Retailers | 0.1% | |
| | General Nutrition Center, Sr. Notes, Variable Rate | |
| 115 | 5.75%, 3/15/14 ⁽³⁾ | \$ 114,425 |
| | General Nutrition Center, Sr. Sub. Notes | |
| 210 | 10.75%, 3/15/15 | 214,200 |
| | | \$ 328,625 |
| Forest Products | 0.0% | |
| | Verso Paper Holdings, LLC/Verso Paper, Inc. | |
| 120 | 11.375%, 8/1/16 | \$ 120,900 |
| | | \$ 120,900 |
| Health Care | 0.3% | |

| | | |
|---|-------------------|-------------------|
| Biomet, Inc. | | |
| 55 | 10.375%, 10/15/17 | \$ 60,363 |
| 280 | 11.625%, 10/15/17 | 310,800 |
| DJO Finance, LLC/DJO Finance Corp. | | |
| 95 | 10.875%, 11/15/14 | 104,144 |
| HCA, Inc. | | |
| 65 | 9.25%, 11/15/16 | 69,509 |
| National Mentor Holdings, Inc. | | |
| 55 | 11.25%, 7/1/14 | 56,100 |
| US Oncology, Inc. | | |
| 290 | 10.75%, 8/15/14 | 301,962 |
| | | \$ 902,878 |

Industrial Equipment 0.5%

| | | |
|---|-------------------------------|---------------------|
| CEVA Group PLC, Sr. Notes | | |
| 95 | 11.50%, 4/1/18 ⁽⁸⁾ | \$ 103,075 |
| Chart Industries, Inc., Sr. Sub. Notes | | |
| 105 | 9.125%, 10/15/15 | 108,675 |
| Terex Corp., Sr. Notes | | |
| 1,000 | 10.875%, 6/1/16 | 1,166,250 |
| | | \$ 1,378,000 |

Insurance 0.1%

| | | |
|--|---------------------------------|-------------------|
| Alliant Holdings I, Inc. | | |
| 55 | 11.00%, 5/1/15 ⁽⁸⁾ | \$ 57,613 |
| HUB International Holdings, Inc., Sr. Notes | | |
| 70 | 9.00%, 12/15/14 ⁽⁸⁾ | 71,225 |
| U.S.I. Holdings Corp., Sr. Notes, Variable Rate | | |
| 50 | 4.161%, 11/15/14 ⁽⁸⁾ | 44,000 |
| | | \$ 172,838 |

Leisure Goods/Activities/Movies 0.6%

AMC Entertainment, Inc.

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| | | | |
|---|-------------------------------------|-----------|------------------|
| 350 | 11.00%, 2/1/16 | \$ | 371,875 |
| AMC Entertainment, Inc., Sr. Notes | | | |
| 60 | 8.75%, 6/1/19 | | 64,350 |
| HRP Myrtle Beach Operations, LLC/HRP Myrtle Beach Capital Corp. | | | |
| 105 | 12.50%, 4/1/13 ⁽⁵⁾⁽⁶⁾⁽⁸⁾ | | 0 |
| HRP Myrtle Beach Operations, LLC/HRP Myrtle Beach Capital Corp., Variable Rate | | | |
| 195 | 0.00%, 4/1/12 ⁽⁵⁾⁽⁶⁾⁽⁸⁾ | | 0 |
| MU Finance PLC, Sr. Notes | | | |
| 1,000 | 8.375%, 2/1/17 ⁽⁸⁾ | | 1,021,250 |
| Royal Caribbean Cruises, Sr. Notes | | | |
| 50 | 7.00%, 6/15/13 | | 53,125 |
| 20 | 6.875%, 12/1/13 | | 21,300 |
| 10 | 7.25%, 6/15/16 | | 10,825 |
| 20 | 7.25%, 3/15/18 | | 21,300 |
| | | \$ | 1,564,025 |

Lodging and Casinos 0.8%

| | | | |
|--|------------------------------------|----|-----------|
| Buffalo Thunder Development Authority | | | |
| 265 | 9.375%, 12/15/14 ⁽⁶⁾⁽⁸⁾ | \$ | 77,513 |
| CCM Merger, Inc. | | | |
| 50 | 8.00%, 8/1/13 ⁽⁸⁾ | | 48,875 |
| Chukchansi EDA, Sr. Notes, Variable Rate | | | |
| 150 | 3.943%, 11/15/12 ⁽⁸⁾ | | 97,687 |
| Eldorado Casino Shreveport | | | |
| 44 | 10.00%, 8/1/12 ⁽³⁾⁽⁵⁾ | | 38,763 |
| Fontainebleau Las Vegas Casino, LLC | | | |
| 255 | 10.25%, 6/15/15 ⁽⁶⁾⁽⁸⁾ | | 2,168 |
| Inn of the Mountain Gods Resort & Casino, Sr. Notes | | | |
| 270 | 12.00%, 11/15/10 ⁽⁷⁾ | | 142,087 |
| Majestic HoldCo, LLC | | | |
| 75 | 12.50%, 10/15/11 ⁽⁶⁾⁽⁸⁾ | | 102 |
| Mohegan Tribal Gaming Authority, Sr. Sub. Notes | | | |
| 85 | 8.00%, 4/1/12 | | 71,400 |
| 120 | 7.125%, 8/15/14 | | 76,200 |
| 115 | 6.875%, 2/15/15 | | 71,588 |
| Peninsula Gaming, LLC | | | |
| 1,000 | 10.75%, 8/15/17 | | 1,082,500 |

See notes to financial statements

Eaton Vance Senior Income Trust as of December 31, 2010

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* | | Value |
|---|-----------------------------------|---------------------|
| (000 s omitted) | Security | |
| Lodging and Casinos (continued) | | |
| San Pasqual Casino | | |
| 55 | 8.00%, 9/15/13 ⁽⁸⁾ | \$ 55,344 |
| Seminole Hard Rock Entertainment, Variable Rate | | |
| 95 | 2.802%, 3/15/14 ⁽⁸⁾ | 87,400 |
| Tunica-Biloxi Gaming Authority, Sr. Notes | | |
| 165 | 9.00%, 11/15/15 ⁽⁸⁾ | 156,337 |
| Waterford Gaming, LLC, Sr. Notes | | |
| 130 | 8.625%, 9/15/14 ⁽⁵⁾⁽⁸⁾ | 83,837 |
| | | \$ 2,091,801 |
| Oil and Gas 0.4% | | |
| Cloud Peak Energy Resources, LLC/Cloud Peak Energy Finance Corp. | | |
| 330 | 8.50%, 12/15/19 | \$ 363,000 |
| Compton Petroleum Finance Corp. | | |
| 79 | 10.00%, 9/15/17 | 65,209 |
| Denbury Resources, Inc., Sr. Sub. Notes | | |
| 30 | 7.50%, 12/15/15 | 31,200 |
| El Paso Corp., Sr. Notes | | |
| 67 | 9.625%, 5/15/12 | 71,741 |
| Forbes Energy Services, Sr. Notes | | |
| 155 | 11.00%, 2/15/15 | 152,675 |
| OPTI Canada, Inc., Sr. Notes | | |
| 25 | 8.25%, 12/15/14 | 17,937 |
| Petroleum Development Corp., Sr. Notes | | |
| 65 | 12.00%, 2/15/18 | 73,125 |
| Petroplus Finance, Ltd. | | |
| 85 | 7.00%, 5/1/17 ⁽⁸⁾ | 75,650 |
| Quicksilver Resources, Inc., Sr. Notes | | |
| 65 | 11.75%, 1/1/16 | 76,050 |

SESI, LLC, Sr. Notes

30 6.875%, 6/1/14 30,600

\$ 957,187

Publishing 0.7%

Laureate Education, Inc.

1,045 10.00%, 8/15/15⁽⁸⁾ \$ 1,089,413

605 10.25%, 8/15/15⁽³⁾⁽⁸⁾ 626,725

Nielsen Finance, LLC

40 12.50%, (0.00% until 8/1/11), 8/1/16 42,200

\$ 1,758,338

Rail Industries 0.1%

American Railcar Industry, Sr. Notes

100 7.50%, 3/1/14 \$ 102,250

Kansas City Southern Mexico, Sr. Notes

155 7.625%, 12/1/13 160,425

100 7.375%, 6/1/14 105,000

\$ 367,675

Retailers (Except Food and Drug) 1.2%

Amscan Holdings, Inc., Sr. Sub. Notes

220 8.75%, 5/1/14 \$ 221,100

Neiman Marcus Group, Inc.

765 9.00%, 10/15/15 804,785

Sally Holdings, LLC, Sr. Notes

665 9.25%, 11/15/14 701,575

235 10.50%, 11/15/16 260,262

Toys R Us

1,000 10.75%, 7/15/17 1,145,000

\$ 3,132,722

Steel 0.0%

RathGibson, Inc., Sr. Notes

240 11.25%, 2/15/14⁽⁶⁾ \$ 2,892

\$ 2,892

Telecommunications 0.5%

Intelsat Bermuda, Ltd.

900 11.25%, 6/15/16 \$ 974,250

NII Capital Corp.

330 10.00%, 8/15/16 367,125

\$ 1,341,375

Utilities 1.0%

Calpine Corp., Sr. Notes

2,375 7.50%, 2/15/21⁽⁸⁾ \$ 2,351,250

NGC Corp.

205 7.625%, 10/15/26 121,975

Reliant Energy, Inc., Sr. Notes

10 7.625%, 6/15/14 10,275

\$ 2,483,500

Total Corporate Bonds & Notes

(identified cost \$27,885,128)

\$ 27,722,805

See notes to financial statements

Eaton Vance Senior Income Trust as of December 31, 2010

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

Asset-Backed Securities 1.4%**Principal
Amount****(000 s omitted)****Security****Value**

| | | | | |
|----|-------|--|----|------------------|
| \$ | 308 | Alzette European CLO SA, Series 2004-1A, Class E2, 6.802%, 12/15/20 ⁽¹¹⁾ | \$ | 218,272 |
| | 295 | Avalon Capital Ltd. 3, Series 1A, Class D, 2.234%, 2/24/19 ⁽⁸⁾⁽¹¹⁾ | | 215,562 |
| | 376 | Babson Ltd., Series 2005-1A, Class C1, 2.239%, 4/15/19 ⁽⁸⁾⁽¹¹⁾ | | 268,411 |
| | 500 | Bryant Park CDO Ltd., Series 2005-1A, Class C, 2.339%, 1/15/19 ⁽⁸⁾⁽¹¹⁾ | | 303,961 |
| | 500 | Carlyle High Yield Partners, Series 2004-6A, Class C, 2.736%, 8/11/16 ⁽⁸⁾⁽¹¹⁾ | | 390,733 |
| | 492 | Centurion CDO 8 Ltd., Series 2005-8A, Class D, 5.803%, 3/8/17 ⁽¹¹⁾ | | 391,480 |
| | 500 | Centurion CDO 9 Ltd., Series 2005-9A, Class D1, 5.039%, 7/17/19 ⁽¹¹⁾ | | 358,454 |
| | 1,000 | Madison Park Funding Ltd., Series 2006-2A, Class D, 5.053%, 3/25/20 ⁽⁸⁾⁽¹¹⁾ | | 790,331 |
| | 1,000 | Schiller Park CLO Ltd., Series 2007-1A, Class D, 2.538%, 4/25/21 ⁽⁸⁾⁽¹¹⁾ | | 742,348 |
| | | Total Asset-Backed Securities (identified cost \$4,966,180) | \$ | 3,679,552 |

Common Stocks 1.6%**Shares****Security****Value**

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Aerospace and Defense 0.0%

| | | | |
|-------|--|----|---------------|
| 6,741 | ACTS Aero Technical Support & Service, Inc. ⁽⁵⁾⁽¹²⁾⁽¹³⁾ | \$ | 70,785 |
| | | \$ | 70,785 |

Automotive 0.4%

| | | | |
|--------|---|----|----------------|
| 10,159 | Dayco Products, LLC ⁽¹²⁾⁽¹³⁾ | \$ | 520,332 |
| 8,949 | Hayes Lemmerz International, Inc. ⁽¹²⁾⁽¹³⁾ | | 438,501 |
| | | \$ | 958,833 |

Building and Development 0.1%

| | | | |
|-----|--|----|----------------|
| 131 | Panolam Holdings Co. ⁽⁵⁾⁽¹²⁾⁽¹⁴⁾ | \$ | 104,160 |
| 277 | United Subcontractors, Inc. ⁽⁵⁾⁽¹²⁾⁽¹³⁾ | | 28,567 |
| | | \$ | 132,727 |

Chemicals and Plastics 0.0%

| | | | |
|-----|---|----|----------|
| 175 | Wellman Holdings, Inc. ⁽⁵⁾⁽¹²⁾⁽¹³⁾ | \$ | 0 |
| | | \$ | 0 |

Diversified Manufacturing 0.0%

| | | | |
|---------|-----------------------------------|----|----------------|
| 166,398 | MEGA Brands, Inc. ⁽¹²⁾ | \$ | 107,378 |
| | | \$ | 107,378 |

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Financial Intermediaries 0.0%

| | | | |
|----|---|----|------------|
| 41 | RTS Investor Corp. ⁽⁵⁾⁽¹²⁾⁽¹³⁾ | \$ | 962 |
| | | \$ | 962 |

Food Service 0.0%

| | | | |
|--------|----------------------------------|----|---------------|
| 12,234 | Buffets, Inc. ⁽⁵⁾⁽¹²⁾ | \$ | 45,878 |
| | | \$ | 45,878 |

Home Furnishings 0.1%

| | | | |
|--------|--|----|----------------|
| 2,275 | Oreck Corp. ⁽⁵⁾⁽¹²⁾⁽¹³⁾ | \$ | 176,950 |
| 26,240 | Sanitec Europe Oy B Units ⁽¹²⁾⁽¹³⁾ | | 96,427 |
| 25,787 | Sanitec Europe Oy E Units ⁽⁵⁾⁽¹²⁾⁽¹³⁾ | | 0 |
| | | \$ | 273,377 |

Leisure Goods/Activities/Movies 0.2%

| | | | |
|--------|--|----|----------------|
| 22,424 | Metro-Goldwyn-Mayer Holdings, Inc. ⁽¹²⁾⁽¹³⁾ | \$ | 538,176 |
| | | \$ | 538,176 |

Lodging and Casinos 0.2%

| | | | |
|--------|--|----|---------|
| 45 | Greektown Superholdings, Inc. ⁽¹²⁾ | \$ | 3,307 |
| 23,498 | Herbst Gaming, Inc. ⁽⁵⁾⁽¹²⁾⁽¹³⁾ | | 144,985 |
| 289 | Shreveport Gaming Holdings, Inc. ⁽⁵⁾⁽¹²⁾ | | 5,202 |
| 25,430 | Tropicana Entertainment, Inc. ⁽⁵⁾⁽¹²⁾⁽¹³⁾ | | 390,986 |

\$ 544,480

Nonferrous Metals/Minerals 0.1%

468 Euramax International, Inc.⁽⁵⁾⁽¹²⁾⁽¹³⁾ \$ 142,587

\$ 142,587

Oil and Gas 0.0%

750 SemGroup Corp.⁽¹²⁾ \$ 20,378

\$ 20,378

Publishing 0.4%

2,155 Ion Media Networks, Inc.⁽⁵⁾⁽¹²⁾⁽¹³⁾ \$ 1,002,075

5,771 MediaNews Group, Inc.⁽⁵⁾⁽¹²⁾⁽¹³⁾ 109,652

3,353 SuperMedia, Inc.⁽¹²⁾ 29,205

\$ 1,140,932

See notes to financial statements

Eaton Vance Senior Income Trust as of December 31, 2010

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Shares | Security | Value |
|------------|---|-------------------|
| Steel 0.1% | | |
| 6,269 | KNIA Holdings, Inc. ⁽⁵⁾⁽¹²⁾⁽¹³⁾ | \$ 72,656 |
| 10,700 | RathGibson Acquisition Co., LLC ⁽⁵⁾⁽¹²⁾⁽¹⁴⁾ | 250,808 |
| | | \$ 323,464 |

Total Common Stocks
(identified cost \$2,750,821) **\$ 4,299,957**

Preferred Stocks 0.0%

| Shares | Security | Value |
|--------------------------------------|---|-----------------|
| Business Equipment and Services 0.0% | | |
| 773 | Muzak Holding LLC, 10% ⁽³⁾⁽¹¹⁾⁽¹²⁾⁽¹⁴⁾ | \$ 1,159 |
| | | \$ 1,159 |

Total Preferred Stocks
(identified cost \$7,727)

Warrants 0.0%

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| Shares | Security | Value |
|---|--|-----------------|
| Oil and Gas | 0.0% | |
| 789 | SemGroup Corp., Expires 11/30/14 ⁽¹²⁾ | \$ 5,326 |
| | | \$ 5,326 |
| Publishing | 0.0% | |
| 781 | Reader s Digest Association, Inc. (The), Expires 2/19/14 ⁽⁵⁾⁽¹²⁾⁽¹³⁾ | \$ 0 |
| | | \$ 0 |
| Total Warrants (identified cost \$8) | | \$ 5,326 |

Miscellaneous 0.0%

| Shares | Security | Value |
|--|--|-----------------|
| Cable and Satellite Television | 0.0% | |
| 261,268 | Adelphia Recovery Trust ⁽¹²⁾ | \$ 4,899 |
| 270,000 | Adelphia, Inc., Escrow Certificate ⁽¹²⁾ | 4,725 |
| Total Miscellaneous (identified cost \$250,451) | | \$ 9,624 |

Short-Term Investments 4.9%**Interest/
Principal
Amount**

| (000 s Omitted) | Description | Value |
|--|---|-------------------------|
| \$ 9,106 | Eaton Vance Cash Reserves Fund, LLC, 0.22% ⁽¹⁵⁾ | \$ 9,106,075 |
| 3,660 | State Street Bank and Trust Euro Time Deposit, 0.01%, 1/3/11 | 3,659,606 |
| Total Short-Term Investments (identified cost \$12,765,681) | | \$ 12,765,681 |
| Total Investments 156.1% (identified cost \$410,044,649) | | \$ 407,236,797 |
| Less Unfunded Loan Commitments 0.0% ⁽⁸⁾ | | \$ (18,768) |
| Net Investments 156.1% (identified cost \$410,025,881) | | \$ 407,218,029 |
| Other Assets, Less Liabilities (14.0)% | | \$ (36,408,242) |
| Auction Preferred Shares Plus Cumulative Unpaid Dividends (42.1)% | | \$ (110,001,741) |
| Net Assets Applicable to Common Shares 100.0% | | \$ 260,808,046 |

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.

See notes to financial statements

Eaton Vance Senior Income Trust as of December 31, 2010

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

- (2) Unfunded or partially unfunded loan commitments. See Note 1G for description.
- (3) Represents a payment-in-kind security which may pay all or a portion of interest/dividends in additional par/shares.
- (4) This Senior Loan will settle after December 31, 2010, at which time the interest rate will be determined.
- (5) Security valued at fair value using methods determined in good faith by or at the direction of the Trustees.
- (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) Defaulted matured security. For a variable rate security, interest rate has been adjusted to reflect non-accrual status.
- (8) Security exempt from registration pursuant to Rule 144A under the Securities Act of 1933. These securities may be sold in certain transactions and remain exempt from registration, normally to qualified institutional buyers. At December 31, 2010, the aggregate value of these securities is \$14,553,834 or 5.6% of the Trust's net assets applicable to common shares.
- (9) Amount is less than 0.05%.
- (10) Security exempt from registration under Regulation S of the Securities Act of 1933, which exempts from registration securities offered and sold outside the United States. Security may not be offered or sold in the United States except pursuant to an exemption from, or in a transaction not subject to, the registration requirements of the Securities Act of 1933.
- (11) Variable rate security. The stated interest rate represents the rate in effect at December 31, 2010.
- (12) Non-income producing security.
- (13) Security was acquired in connection with a restructuring of a Senior Loan and may be subject to restrictions on resale.
- (14) Restricted security (see Note 8).
- (15) Affiliated investment company available to Eaton Vance portfolios and funds which invests in high quality, U.S. dollar denominated money market instruments. The rate shown is the annualized seven-day yield as of December 31, 2010. Net income allocated from the investment in Eaton Vance Cash Reserves Fund, LLC for the six months ended December 31, 2010 was \$8,270.

See notes to financial statements

Eaton Vance Senior Income Trust as of December 31, 2010

FINANCIAL STATEMENTS (Unaudited)

Statement of Assets and Liabilities

As of December 31, 2010

Assets

| | |
|--|----------------|
| Unaffiliated investments, at value (identified cost, \$400,919,806) | \$ 398,111,954 |
| Affiliated investment, at value (identified cost, \$9,106,075) | 9,106,075 |
| Foreign currency, at value (identified cost, \$5,745,716) | 5,779,103 |
| Interest and dividends receivable | 2,042,585 |
| Interest receivable from affiliated investment | 1,223 |
| Receivable for investments sold | 3,027,737 |
| Prepaid expenses and other assets | 9,994 |

Total assets **\$ 418,078,671**

Liabilities

| | |
|---|---------------|
| Notes payable | \$ 36,000,000 |
| Payable for investments purchased | 7,394,669 |
| Payable for open forward foreign currency exchange contracts | 326,624 |
| Distributions payable | 2,053,518 |
| Due to custodian | 928,783 |
| Payable to affiliates: | |
| Investment adviser fee | 288,238 |
| Administration fee | 85,785 |
| Trustees fees | 3,588 |
| Accrued expenses | 187,679 |

Total liabilities **\$ 47,268,884**

**Auction preferred shares (4,400 shares outstanding) at
liquidation value plus cumulative unpaid dividends** **\$ 110,001,741**

Net assets applicable to common shares **\$ 260,808,046**

Sources of Net Assets

| | |
|--|--------------|
| Common shares, \$0.01 par value, unlimited number of shares authorized, 36,669,972 shares issued and outstanding | \$ 366,700 |
| Additional paid-in capital | 341,642,109 |
| Accumulated net realized loss | (77,417,798) |
| Accumulated distributions in excess of net investment income | (672,735) |
| Net unrealized depreciation | (3,110,230) |

Net assets applicable to common shares **\$ 260,808,046**

Net Asset Value Per Common Share

(\$260,808,046 ÷ 36,669,972 common shares issued and outstanding) **\$ 7.11**

Statement of Operations

**For the Six Months Ended
December 31, 2010**

Investment Income

| | |
|---|---------------|
| Interest | \$ 10,584,103 |
| Dividends | 51,026 |
| Interest allocated from affiliated investment | 8,469 |
| Expenses allocated from affiliated investment | (199) |

Total investment income **\$ 10,643,399**

Expenses

| | |
|---|--------------|
| Investment adviser fee | \$ 1,663,304 |
| Administration fee | 495,034 |
| Trustees' fees and expenses | 7,514 |
| Custodian fee | 37,726 |
| Transfer and dividend disbursing agent fees | 11,744 |
| Legal and accounting services | 72,123 |
| Printing and postage | 31,088 |
| Interest expense and fees | 297,889 |
| Preferred shares service fee | 86,112 |
| Miscellaneous | 50,000 |

Total expenses \$ **2,752,534**

| | |
|----------------------------|-------|
| Deduct | |
| Reduction of custodian fee | \$ 26 |

Total expense reductions \$ **26**

Net expenses \$ **2,752,508**

Net investment income \$ **7,890,891**

Realized and Unrealized Gain (Loss)

| | |
|--|----------------|
| Net realized gain (loss) | |
| Investment transactions | \$ (3,878,203) |
| Investment transactions allocated from affiliated investment | 167 |
| Foreign currency and forward foreign currency exchange contract transactions | (1,560,843) |

Net realized loss \$ **(5,438,879)**

| | |
|--|---------------|
| Change in unrealized appreciation (depreciation) | |
| Investments | \$ 22,704,169 |
| | (496,306) |

Foreign currency and forward foreign currency exchange
contracts

Net change in unrealized appreciation (depreciation) \$ 22,207,863

Net realized and unrealized gain \$ 16,768,984

Distributions to preferred shareholders

From net investment income \$ (129,367)

Net increase in net assets from operations \$ 24,530,508

See notes to financial statements

Eaton Vance Senior Income Trust as of December 31, 2010

FINANCIAL STATEMENTS (Unaudited) CONT D

Statements of Changes in Net Assets

| Increase (Decrease) in Net Assets | Six Months Ended December 31, 2010 (Unaudited) | Year Ended June 30, 2010 |
|--|---|-------------------------------------|
| From operations | | |
| Net investment income | \$ 7,890,891 | \$ 14,420,954 |
| Net realized loss from investment, foreign currency and forward foreign currency exchange contract transactions | (5,438,879) | (9,843,825) |
| Net change in unrealized appreciation (depreciation) from investments, foreign currency and forward foreign currency exchange contracts | 22,207,863 | 53,817,019 |
| Distributions to preferred shareholders | | |
| From net investment income | (129,367) | (214,905) |
| Net increase in net assets from operations | \$ 24,530,508 | \$ 58,179,243 |
| Distributions to common shareholders | | |
| From net investment income | \$ (9,928,963) | \$ (13,049,605) |
| Total distributions to common shareholders | \$ (9,928,963) | \$ (13,049,605) |
| Capital share transactions | | |
| Reinvestment of distributions to common shareholders | \$ 465,961 | \$ 428,400 |
| | \$ 465,961 | \$ 428,400 |

**Net increase in net assets from
capital share transactions**

| | | | | |
|-----------------------------------|-----------|-------------------|-----------|-------------------|
| Net increase in net assets | \$ | 15,067,506 | \$ | 45,558,038 |
|-----------------------------------|-----------|-------------------|-----------|-------------------|

Net Assets Applicable to
Common Shares

| | | | | |
|------------------------|----|-------------|----|-------------|
| At beginning of period | \$ | 245,740,540 | \$ | 200,182,502 |
|------------------------|----|-------------|----|-------------|

| | | | | |
|-------------------------|-----------|--------------------|-----------|--------------------|
| At end of period | \$ | 260,808,046 | \$ | 245,740,540 |
|-------------------------|-----------|--------------------|-----------|--------------------|

Accumulated undistributed
(distributions in excess of)
net investment income
included in net assets
applicable to common shares

| | | | | |
|-------------------------|-----------|------------------|-----------|------------------|
| At end of period | \$ | (672,735) | \$ | 1,494,704 |
|-------------------------|-----------|------------------|-----------|------------------|

Statement of Cash Flows

| Cash Flows From Operating Activities | | Six Months Ended December 31, 2010 (Unaudited) |
|--|----|---|
| Net increase in net assets from operations | \$ | 24,530,508 |
| Distributions to preferred shareholders | | 129,367 |
| Net increase in net assets from operations excluding distributions to preferred shareholders | \$ | 24,659,875 |
| Adjustments to reconcile net increase in net assets from operations to net cash provided by operating activities: | | |
| Investments purchased | | (84,707,137) |

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| | |
|---|--------------|
| Investments sold and principal repayments | 86,510,144 |
| Decrease in short-term investments, net | 691,665 |
| Net amortization/accretion of premium (discount) | (1,380,123) |
| Increase in interest and dividends receivable | (109,023) |
| Decrease in interest receivable from affiliated investment | 707 |
| Decrease in receivable for investments sold | 193,135 |
| Decrease in receivable for open forward foreign currency exchange contracts | 256,995 |
| Increase in prepaid expenses and other assets | (1,529) |
| Decrease in payable for investments purchased | (1,623,880) |
| Increase in payable for open forward foreign currency exchange contracts | 326,624 |
| Increase in payable to affiliate for investment adviser fee | 17,097 |
| Increase in payable to affiliate for administration fee | 6,038 |
| Increase in payable to affiliate for Trustees fees | 343 |
| Decrease in accrued expenses | (114,228) |
| Increase in unfunded loan commitments | 6,434 |
| Net change in unrealized (appreciation) depreciation from investments | (22,704,169) |
| Net realized loss from investments | 3,878,203 |

Net cash provided by operating activities \$ **5,907,171**

Cash Flows From Financing Activities

| | |
|---|----------------|
| Distributions paid to common shareholders, net of reinvestments | \$ (7,409,484) |
| Cash distributions paid to preferred shareholders | (130,253) |
| Proceeds from notes payable | 15,000,000 |
| Repayment of notes payable | (10,000,000) |
| Increase in due to custodian | 928,783 |

Net cash used in financing activities \$ **(1,610,954)**

Net increase in cash* \$ **4,296,217**

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

| | | |
|--|-----------|------------------|
| Cash at end of period⁽¹⁾ | \$ | 5,779,103 |
|--|-----------|------------------|

Supplemental disclosure of cash flow information:

Noncash financing activities not included herein consist of:

| | | |
|---|----|---------|
| Reinvestment of dividends and distributions | \$ | 465,961 |
| Cash paid for interest and fees on borrowings | \$ | 297,047 |

* Includes net change in unrealized appreciation (depreciation) on foreign currency of \$46,307.

⁽¹⁾ Balance includes foreign currency, at value.

See notes to financial statements

Eaton Vance Senior Income Trust as of December 31, 2010

FINANCIAL STATEMENTS (Unaudited) CONT D

Financial Highlights

Selected data for a common share outstanding during the periods stated

| | Six Months Ended December 31, 2010 (Unaudited) | 2010 | 2009 | Year Ended June 30, | | |
|--|---|-----------------|-------------------|----------------------------|-----------------|-----------------|
| | | | | 2008 | 2007 | 2006 |
| Net asset value Beginning of period (Common shares) | \$ 6.710 | \$ 5.480 | \$ 7.480 | \$ 8.800 | \$ 8.740 | \$ 8.760 |
| Income (Loss) From Operations | | | | | | |
| Net investment income ⁽¹⁾ | \$ 0.215 | \$ 0.395 | \$ 0.492 | \$ 0.742 | \$ 0.801 | \$ 0.697 |
| Net realized and unrealized gain (loss) | 0.460 | 1.198 | (2.012) | (1.324) | 0.060 | (0.026) |
| Distributions to preferred shareholders From net investment income ⁽¹⁾ | (0.004) | (0.006) | (0.033) | (0.133) | (0.154) | (0.122) |
| Total income (loss) from operations | \$ 0.671 | \$ 1.587 | \$ (1.553) | \$ (0.715) | \$ 0.707 | \$ 0.549 |

Less Distributions to Common Shareholders

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| | | | | | | |
|----------------------------|------------|------------|------------|------------|------------|------------|
| From net investment income | \$ (0.271) | \$ (0.357) | \$ (0.439) | \$ (0.605) | \$ (0.647) | \$ (0.569) |
| Tax return of capital | | | (0.008) | | | |

| | | | | | | |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Total distributions to common shareholders | \$ (0.271) | \$ (0.357) | \$ (0.447) | \$ (0.605) | \$ (0.647) | \$ (0.569) |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|

| | | | | | | |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Net asset value End of period (Common shares) | \$ 7.110 | \$ 6.710 | \$ 5.480 | \$ 7.480 | \$ 8.800 | \$ 8.740 |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|

| | | | | | | |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Market value End of period (Common shares) | \$ 7.160 | \$ 6.630 | \$ 4.690 | \$ 6.620 | \$ 8.570 | \$ 8.130 |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|

| | | | | | | |
|---|-------------------------------|---------------|-----------------|----------------|--------------|--------------|
| Total Investment Return on Net Asset Value⁽²⁾ | 9.30%⁽³⁾⁽⁴⁾ | 29.77% | (18.99)% | (7.58)% | 8.70% | 7.02% |
|---|-------------------------------|---------------|-----------------|----------------|--------------|--------------|

| | | | | | | |
|--|--------------------------------|---------------|-----------------|-----------------|---------------|--------------|
| Total Investment Return on Market Value⁽²⁾ | 11.39%⁽³⁾⁽⁴⁾ | 49.83% | (21.66)% | (16.01)% | 13.81% | 8.46% |
|--|--------------------------------|---------------|-----------------|-----------------|---------------|--------------|

See notes to financial statements

Eaton Vance Senior Income Trust as of December 31, 2010

FINANCIAL STATEMENTS (Unaudited) CONT D

Financial Highlights

Selected data for a common share outstanding during the periods stated

| | Six Months Ended December 31, 2010 (Unaudited) | Year Ended June 30, | | | | |
|--|---|----------------------------|-------------|-------------|-------------|-------------|
| | | 2010 | 2009 | 2008 | 2007 | 2006 |
| Ratios/Supplemental Data | | | | | | |
| Net assets applicable to common shares, end of period (000 shares omitted) | \$ 260,808 | \$ 245,741 | \$ 200,183 | \$ 272,941 | \$ 320,943 | \$ 318,871 |
| Ratios (as a percentage of average daily net assets applicable to common shares): ⁽⁵⁾ | | | | | | |
| Expenses before custodian fee reduction excluding interest and fees | 1.92% ⁽⁶⁾ | 2.05% | 2.44% | 2.22% | 2.21% | 2.16% |
| Interest and fee expense | 0.23% ⁽⁶⁾ | 0.25% | 0.99% | 1.95% | 2.16% | 1.76% |
| Total expenses before custodian fee reduction | 2.15% ⁽⁶⁾ | 2.30% | 3.43% | 4.17% | 4.36% | 3.92% |
| Expenses after custodian fee reduction excluding interest and fees | 1.92% ⁽⁶⁾ | 2.05% | 2.44% | 2.22% | 2.20% | 2.16% |
| Net investment income | 6.16% ⁽⁶⁾ | 6.08% | 9.64% | 9.47% | 9.11% | 7.94% |
| Portfolio Turnover | 22% ⁽³⁾ | 43% | 18% | 26% | 64% | 55% |

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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): ⁽⁵⁾ | | | | | | |
| Expenses before custodian fee reduction excluding interest and fees | 1.24% ⁽⁶⁾ | 1.31% | 1.54% | 1.60% | 1.64% | 1.61% |
| Interest and fee expense | 0.15% ⁽⁶⁾ | 0.16% | 0.62% | 1.41% | 1.61% | 1.31% |
| Total expenses before custodian reduction | 1.39% ⁽⁶⁾ | 1.47% | 2.16% | 3.01% | 3.25% | 2.92% |
| Expenses after custodian fee reduction excluding interest and fees | 1.24% ⁽⁶⁾ | 1.31% | 1.54% | 1.60% | 1.64% | 1.61% |
| Net investment income | 3.98% ⁽⁶⁾ | 3.90% | 6.06% | 6.84% | 6.79% | 5.91% |

Senior Securities:

| | | | | | | |
|---|-----------|-----------|------------|------------|------------|------------|
| Total notes payable outstanding (in 000 s) | \$ 36,000 | \$ 31,000 | \$ 3,000 | \$ 105,000 | \$ 110,000 | \$ 120,000 |
| Asset coverage per \$1,000 of notes payable ⁽⁷⁾ | \$ 11,300 | \$ 12,476 | \$ 104,397 | \$ 4,648 | \$ 4,918 | \$ 4,574 |
| Total preferred shares outstanding | 4,400 | 4,400 | 4,400 | 4,400 | 4,400 | 4,400 |
| Asset coverage per preferred share ⁽⁸⁾ | \$ 69,659 | \$ 68,571 | \$ 62,290 | \$ 56,770 | \$ 61,489 | \$ 59,672 |
| Involuntary liquidation preference per preferred share ⁽⁹⁾ | \$ 25,000 | \$ 25,000 | \$ 25,000 | \$ 25,000 | \$ 25,000 | \$ 25,000 |
| Approximate market value per preferred share ⁽⁹⁾ | \$ 25,000 | \$ 25,000 | \$ 25,000 | \$ 25,000 | \$ 25,000 | \$ 25,000 |

(1) Computed using average common shares outstanding.

(2)

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Returns are historical and are calculated by determining the percentage change in net asset value or market value with all distributions reinvested.

- (3) Not annualized.
- (4) The returns do not include a dividend declared during the period but payable after period end.
- (5) Ratios do not reflect the effect of dividend payments to preferred shareholders.
- (6) Annualized.
- (7) 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.
- (8) Calculated by subtracting the Trust's total liabilities (not including the notes payables and preferred shares) from the Trust's total assets, dividing the result by the sum of the value of the notes payables and liquidation value of preferred shares, and multiplying the result by the liquidation value of one preferred share. Such amount equates to 279% at December 31, 2010, and 274%, 277%, 227%, 246% and 239% at June 30, 2010, 2009, 2008, 2007 and 2006, respectively.
- (9) Plus accumulated and unpaid dividends.

See notes to financial statements

Eaton Vance Senior Income Trust as of December 31, 2010

NOTES TO FINANCIAL STATEMENTS (Unaudited)

1 Significant Accounting Policies

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

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

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

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

Eaton Vance Senior Income Trust as of December 31, 2010

NOTES TO FINANCIAL STATEMENTS (Unaudited) CONT D

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 most 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 all 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.

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, 2010, the Trust, for federal income tax purposes, had a capital loss carryforward of \$64,882,329 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. Such capital loss carryforward will expire on June 30, 2011 (\$13,711,847), June 30, 2012 (\$6,681,243), June 30, 2016 (\$52,501), June 30, 2017 (\$21,938,328) and June 30, 2018 (\$22,498,410).

Additionally, at June 30, 2010, the Trust had a net capital loss of \$7,064,299 attributable to security transactions incurred after October 31, 2009. This net capital loss is treated as arising on the first day of the Trust's taxable year ending June 30, 2011.

As of December 31, 2010, the Trust had no uncertain tax positions that would require financial statement recognition, de-recognition, or disclosure. Each of the Trust's federal tax returns filed in the 3-year period ended June 30, 2010

remains subject to examination by the Internal Revenue Service.

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. The

Eaton Vance Senior Income Trust as of December 31, 2010

NOTES TO FINANCIAL STATEMENTS (Unaudited) CONT D

commitments are disclosed in the accompanying Portfolio of Investments. At December 31, 2010, 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.

L Interim Financial Statements The interim financial statements relating to December 31, 2010 and for the six months then ended have not been audited by an independent registered public accounting firm, but in the opinion of the Trust's management, reflect all adjustments, consisting only of normal recurring adjustments, necessary for the fair presentation of the financial statements.

2 Auction Preferred Shares

The Trust issued Auction Preferred Shares (APS) on June 27, 2001 in a public offering. The underwriting discount and other offering costs incurred in connection with the offering were recorded as a reduction of the paid-in capital of the common shares. Dividends on the APS, which accrue daily, are cumulative at rates which are reset every seven days by an auction, unless a special dividend period has been set. Series of APS are identical in all respects except for the reset dates of the dividend rates. If the APS auctions do not successfully clear, the dividend payment rate over the

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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 December 31, 2010 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

Eaton Vance Senior Income Trust as of December 31, 2010

NOTES TO FINANCIAL STATEMENTS (Unaudited) CONT D

up to 0.15% of the liquidation value of the APS to broker-dealers as a service fee if the auctions are unsuccessful; otherwise, the annual fee is 0.25%.

3 Distributions to Shareholders

The Trust intends to make monthly distributions of net investment income to common shareholders, after payment of any dividends on any outstanding APS. In addition, at least annually, the Trust intends to distribute all or substantially all of its net realized capital gains (reduced by available capital loss carryforwards from prior years, if any). Distributions to common shareholders are recorded on the ex-dividend date. Distributions to preferred shareholders are recorded daily and are payable at the end of each dividend period. The dividend rates for the APS at December 31, 2010, and the amount of dividends accrued (including capital gains, if any) to APS shareholders, average APS dividend rates (annualized), and dividend rate ranges for the six months then ended were as follows:

| | APS Dividend Rates at December 31, 2010 | Dividends Accrued to APS Shareholders | Average APS Dividend Rates | Dividend Rate Ranges |
|----------|--|--|---|-------------------------------------|
| Series A | 0.23% | \$ 64,110 | 0.23% | 0.16% 0.31% |
| Series B | 0.23% | \$ 65,257 | 0.24% | 0.16% 0.28% |

Beginning February 13, 2008 and consistent with the patterns in the broader market for auction-rate securities, the Trust's APS auctions were unsuccessful in clearing due to an imbalance of sell orders over bids to buy the APS. As a result, the dividend rates of the APS were reset to the maximum applicable rate. The table above reflects such maximum dividend rate for each series as of December 31, 2010.

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.

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 and is payable monthly. Pursuant to the investment advisory agreement and subsequent fee reduction agreement between the Trust and EVM, the fee is computed at an annual rate of 0.84% of the Trust's average weekly gross assets through April 30, 2011. Thereafter, the annual adviser fee rate will be reduced by 0.01% every May 1 to May 1, 2038. The fee reduction cannot be terminated without the consent of the Trustees and shareholders.

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For the six months ended December 31, 2010, the Trust's investment adviser fee totaled \$1,663,304. The administration fee is earned by EVM for administering the business affairs of the Trust and is computed at an annual rate of 0.25% of the Trust's average weekly gross assets. For the six months ended December 31, 2010, the administration fee amounted to \$495,034.

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 six months ended December 31, 2010, 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 \$84,707,137 and \$86,510,144, respectively, for the six months ended December 31, 2010.

6 Common Shares of Beneficial Interest

Common shares issued pursuant to the Trust's dividend reinvestment plan for the six month ended December 31, 2010 and the year ended June 30, 2010 were 67,187 and 62,751, respectively.

7 Federal Income Tax Basis of Investments

The cost and unrealized appreciation (depreciation) of investments of the Trust at December 31, 2010, as determined on a federal income tax basis, were as follows:

| | |
|------------------------------------|-----------------------|
| Aggregate cost | \$ 410,183,478 |
| Gross unrealized appreciation | \$ 9,416,178 |
| Gross unrealized depreciation | (12,381,627) |
| Net unrealized depreciation | \$ (2,965,449) |

8 Restricted Securities

At December 31, 2010, 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

Eaton Vance Senior Income Trust as of December 31, 2010

NOTES TO FINANCIAL STATEMENTS (Unaudited) CONT D

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 | \$ 104,160 |
| RathGibson Acquisition Co., LLC | 6/14/10 | 10,700 | 56,785 | 250,808 |
| Total Common Stocks | | | \$ 128,770 | \$ 354,968 |
| Preferred Stocks | | | | |
| Muzak Holding LLC | 6/18/10 | 773 | \$ 7,727 | \$ 1,159 |
| Total Preferred Stocks | | | \$ 7,727 | \$ 1,159 |
| Total Restricted Securities | | | \$ 136,497 | \$ 356,127 |

9 Financial Instruments

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

associated with these instruments is meaningful only when all related and offsetting transactions are considered.

A summary of obligations under these financial instruments at December 31, 2010 is as follows:

Forward Foreign Currency Exchange Contracts

Sales

| Settlement Date | Deliver | In Exchange For | Counterparty | Net Unrealized Depreciation |
|------------------------|-------------------------------------|------------------------------------|-------------------------------------|------------------------------------|
| 1/31/11 | British Pound Sterling 8,903,553 | United States Dollar 13,772,283 | State Street Bank and Trust Company | \$ (106,574) |
| 1/31/11 | Euro 18,008,951 | United States Dollar 23,844,211 | State Street Bank and Trust Company | (220,050) |
| | | | | \$ (326,624) |

At December 31, 2010, 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 fair value of derivative instruments (not considered to be hedging instruments for accounting disclosure purposes) and whose primary underlying risk exposure is foreign exchange risk at December 31, 2010 was as follows:

| Derivative | Fair Value | |
|---|--------------------------|--|
| | Asset Derivatives | Liability Derivatives⁽¹⁾ |
| Forward foreign currency exchange contracts | \$ | \$ 326,624 |

(1) Statement of Assets and Liabilities location: Payable for open forward foreign currency exchange contracts.

The effect of derivative instruments (not considered to be hedging instruments for accounting disclosure purposes) on the Statement of Operations and whose primary underlying risk exposure is foreign exchange risk for the six months

ended December 31, 2010 was as follows:

| Derivative | Realized Gain (Loss) on Derivatives Recognized in Income⁽¹⁾ | Change in Unrealized Appreciation (Depreciation) on Derivatives Recognized in Income⁽²⁾ |
|---|---|---|
| Forward foreign currency exchange contracts | \$ (1,562,904) | \$ (583,619) |

- (1) Statement of Operations location: Net realized gain (loss) Foreign currency and forward foreign currency exchange contract transactions.
- (2) Statement of Operations location: Change in unrealized appreciation (depreciation) Foreign currency and forward foreign currency exchange contracts.

The average notional amount of forward foreign currency exchange contracts outstanding during the six months ended December 31, 2010, which is indicative of the volume of this derivative type, was approximately \$35,320,000.

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 0.75% per annum on its outstanding borrowings to administer the facility and a liquidity fee of 0.50% per annum on the amount of the facility. Program and liquidity fees for the

Eaton Vance Senior Income Trust as of December 31, 2010

NOTES TO FINANCIAL STATEMENTS (Unaudited) CONT D

six months ended December 31, 2010 totaled \$239,736 and are included in interest expense in the Statement of Operations. The Trust is required to maintain certain net asset levels during the term of the Agreement. At December 31, 2010, the Trust had borrowings outstanding under the Agreement of \$36,000,000 at an interest rate of 0.31%. The carrying amount of the borrowings at December 31, 2010 approximated its fair value. For the six months ended December 31, 2010, the average borrowings under the Agreement and the average interest rate were \$29,206,522 and 0.39%, respectively.

11 Overdraft Advances

Pursuant to the custodian agreement, SSBT may, in its discretion, advance funds to the Trust to make properly authorized payments. When such payments result in an overdraft, the Trust is obligated to repay SSBT at the current rate of interest charged by SSBT for secured loans (currently, a rate above the Federal Funds rate). This obligation is payable on demand to SSBT. SSBT has a lien on the Trust's assets to the extent of any overdraft. At December 31, 2010, the Trust had a payment due to SSBT pursuant to the foregoing arrangement of \$928,783.

12 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.

13 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.

14 Fair Value Measurements

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

Level 1 quoted prices in active markets for identical investments

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

Level 3 significant unobservable inputs (including a fund's own assumptions in determining the fair value of investments)

In cases where the inputs used to measure fair value fall in different levels of the fair value hierarchy, the level disclosed is determined based on the lowest level input that is significant to the fair value measurement in its entirety. The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities.

At December 31, 2010, the hierarchy of inputs used in valuing the Trust's investments, which are carried at value, were as follows:

Eaton Vance Senior Income Trust as of December 31, 2010

NOTES TO FINANCIAL STATEMENTS (Unaudited) CONT D

| Asset Description | Quoted Prices in Active Markets for Identical Assets (Level 1) | Significant Other Observable Inputs (Level 2) | Significant Unobservable Inputs (Level 3) | Total |
|---|--|---|---|-----------------------|
| Senior Floating-Rate Interests (Less Unfunded Loan Commitments) | \$ | \$ 357,672,501 | \$ 1,061,424 | \$ 358,733,925 |
| Corporate Bonds & Notes | | 27,600,205 | 122,600 | 27,722,805 |
| Asset-Backed Securities | | 3,679,552 | | 3,679,552 |
| Common Stocks | 156,961 | 1,596,744 | 2,546,252 | 4,299,957 |
| Preferred Stocks | | 1,159 | | 1,159 |
| Warrants | | 5,326 | 0 | 5,326 |
| Miscellaneous | | 9,624 | | 9,624 |
| Short-Term Investments | | 12,765,681 | | 12,765,681 |
| Total Investments | \$ 156,961 | \$ 403,330,792 | \$ 3,730,276 | \$ 407,218,029 |
| Liability Description | | | | |
| Forward Foreign Currency Exchange Contracts | \$ | \$ (326,624) | \$ | \$ (326,624) |
| Total | \$ | \$ (326,624) | \$ | \$ (326,624) |

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

| | Investments in Senior | Investments in Common | | |
|--|---|---|---|-------------------------|
| | Floating- Rate Interests | Investments in Corporate Bonds & Notes | Stocks, Warrants and Miscellaneous | Total |
| Balance as of June 30, 2010 | \$ 595,305 | \$ 203,639 | \$ 1,141,784 | \$ 1,940,728 |
| Realized gains (losses) | | 203 | 964 | 1,167 |
| Change in net unrealized appreciation (depreciation)* | (1,473) | (79,973) | 530,487 | 449,041 |
| Cost of purchases | 110,479 | 4,606 | 103,147 | 218,232 |
| Proceeds from sales | (302,808) | (8,203) | (964) | (311,975) |
| Accrued discount (premium) | 3,430 | 2,328 | | 5,758 |
| Transfers to Level 3** | 656,491 | | 829,226 | 1,485,717 |
| Transfers from Level 3** | | | (58,392) | (58,392) |
| Balance as of December 31, 2010 | \$ 1,061,424 | \$ 122,600 | \$ 2,546,252 | \$ 3,730,276 |
| Change in net unrealized appreciation (depreciation) on investments still held as of December 31, 2010* | \$ (301,473) | \$ (79,973) | \$ 529,464 | \$ 148,018 |

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

** 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. At

December 31, 2010, the value of investments transferred between Level 1 and Level 2, if any, during the six months then ended was not significant.

Eaton Vance Senior Income Trust

ANNUAL MEETING OF SHAREHOLDERS (Unaudited)

The Trust held its Annual Meeting of Shareholders on October 29, 2010. The following action was taken by the shareholders:

Item 1: The election of William H. Park, Heidi L. Steiger and Lynn A. Stout as Class III Trustees of the Trust for a three-year term expiring in 2013.

| Nominee for Trustee Elected by All Shareholders | Number of Shares | |
|--|------------------|----------|
| | For | Withheld |
| William H. Park | 34,478,316 | 761,257 |
| Heidi L. Steiger* | 34,486,209 | 753,364 |
| Lynn A. Stout | 34,471,563 | 768,010 |

* Heidi L. Steiger resigned as a Trustee effective November 29, 2010.

Eaton Vance Senior Income Trust

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 continuance 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 26, 2010, 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 for a series of meetings of the Contract Review Committee held between February and April 2010. 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 yield where relevant) to the investment performance of comparable funds over various time periods;
- Data regarding investment performance in comparison to relevant peer groups of similarly managed funds and appropriate indices;
- For each fund, comparative information concerning the fees charged and the services provided by each adviser in managing other mutual 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

- 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 concerning 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 soft dollar benefits received in connection with the funds' brokerage, and the implementation of a soft dollar reimbursement program established with respect to the funds;
- 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

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 subadvisers;

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.

Eaton Vance Senior Income Trust

BOARD OF TRUSTEES CONTRACT APPROVAL CONT D

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, 2010, 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 nine, thirteen, three, eight and fifteen times, respectively. At such meetings, the Trustees received, among other things, presentations by the portfolio managers and other investment professionals of each adviser relating to the investment performance of each fund and the investment strategies used in pursuing the fund's investment objective including, where relevant, the use of derivative instruments, as well as trading policies and procedures and risk management techniques.

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 continuance 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 evaluated the abilities and experience of such investment personnel in analyzing special considerations relevant to investing in and, where relevant, restructuring senior secured 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 also 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.

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.

Eaton Vance Senior Income Trust

BOARD OF TRUSTEES CONTRACT APPROVAL CONT'D

Fund Performance

The Board compared the Fund's investment performance to a relevant universe of comparable funds identified by an independent data provider as well as a 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, 2009 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 any administrative fee rates, payable by the Fund (referred to collectively 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, 2009, 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, in response to inquiries by the Contract Review Committee, the Adviser had agreed to implement a series of permanent reductions in management fees and that the first such reduction would be effective as of May 1, 2010. 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 being taken to reduce expenses at the Eaton Vance fund complex level.

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 with and 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 its relationship 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 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. Based upon the foregoing, the Board concluded that the benefits from economies of scale are currently being shared equitably by the Adviser and its affiliates and the Fund.

Eaton Vance Senior Income Trust

OFFICERS AND TRUSTEES

| Officers | Trustees |
|---|----------------------------|
| Scott H. Page President | Ralph F. Verni Chairman |
| Michael B. Botthof Vice President | Benjamin C. Esty |
| John P. Redding Vice President | Thomas E. Faust Jr. |
| Michael W. Weilheimer Vice President | Allen R. Freedman |
| Barbara E. Campbell Treasurer | William H. Park |
| Maureen A. Gemma Secretary and Chief Legal Officer | Ronald A. Pearlman |
| Paul M. O Neil Chief Compliance Officer | Helen Frame Peters |
| | Lynn A. Stout |

Number of Employees

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

Number of Shareholders

As of December 31, 2010, our records indicate that there are 400 registered shareholders and approximately 11,234 shareholders owning the Trust shares in street name, such as through brokers, banks, and financial intermediaries.

If you are a street name shareholder and wish to receive Trust reports directly, which contain important information about the Trust, 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.

**Investment Adviser and Administrator of
Eaton Vance Senior Income Trust
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

Eaton Vance Senior Income Trust
Two International Place
Boston, MA 02110

Item 2. Code of Ethics

The registrant has adopted a code of ethics applicable to its Principal Executive Officer, Principal Financial Officer and Principal Accounting Officer. The registrant undertakes to provide a copy of such code of ethics to any person upon request, without charge, by calling 1-800-262-1122.

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 the Chief Financial Officer of Aveon Group, L.P. (an investment management firm). Previously, he served as the Vice Chairman of Commercial Industrial Finance Corp. (specialty finance company), as President and Chief Executive Officer of Prizm Capital Management, LLC (investment management firm), as Executive Vice President and Chief Financial Officer of United Asset Management Corporation (an institutional investment management firm) and as a Senior Manager at Price Waterhouse (now PricewaterhouseCoopers) (an independent registered public accounting firm).

Item 4. Principal Accountant Fees and Services

Not required in this filing.

Item 5. Audit Committee of Listed Registrants

Not required in this filing.

Item 6. Schedule of Investments

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

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

Not required in this filing.

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

Not required in this filing.

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

No such purchases this period.

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

No Material Changes.

Item 11. Controls and Procedures

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

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

Item 12. Exhibits

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

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

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

(b) Combined Section 906 certification.

Signatures

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

Eaton Vance Senior Income Trust

By: /s/ Scott H. Page

Scott H. Page
President

Date: February 8, 2011

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

By: /s/ Barbara E. Campbell

Barbara E. Campbell
Treasurer

Date: February 8, 2011

By: /s/ Scott H. Page

Scott H. Page
President

Date: February 8, 2011