

EATON VANCE SENIOR INCOME TRUST

Form N-CSRS

February 26, 2010

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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, 2009

Date of Reporting Period

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Item 1. Reports to Stockholders

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Semiannual Report December 31, 2009 EATON VANCE SENIOR INCOME TRUST

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**IMPORTANT NOTICES REGARDING PRIVACY,
DELIVERY OF SHAREHOLDER DOCUMENTS,
PORTFOLIO HOLDINGS AND PROXY VOTING**

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.

In addition, our Privacy Policy applies only to those Eaton Vance customers who are individuals and who have a direct relationship with us. If a customer's account (i.e., fund shares) is held in the name of a third-party financial 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.

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If you would prefer that your Eaton Vance documents not be householded, 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.

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Eaton Vance Senior Income Trust as of December 31, 2009

INVESTMENT UPDATE

Economic and Market Conditions

Scott H. Page, CFA
Co-Portfolio Manager

John Redding
Co-Portfolio Manager

The six months ending December 31, 2009, were marked by a worldwide rally across the spectrum of riskier assets. The pace of economic deterioration slowed and then rebounded slightly in these six months, compared to the steep declines in world economic output witnessed at the end of 2008 and first quarter of 2009. As signs of improving economic fundamentals began to emerge, investors' aversion to risk reversed course and the capital markets staged a comeback.

The loan market, as measured by the S&P/LSTA Leveraged Loan Index (the Index), gained 14.71% for the six months ending December 31, 2009.¹ Performance was driven by a combination of technical factors, which improved the market's supply and demand picture. On the supply side, limited new loan issuance and a contraction of the existing supply through loan repayments reduced the available universe of purchasable loans. Matched with little selling activity and modest but steady inflows, loan prices improved significantly. More significant investor flows into the high-yield bond market also contributed to the improvement in bank loans. Increased high-yield bond issuance contributed to meaningful bank loan repayments, which lowered the available supply of loans and provided cash to bank loan managers. In addition, direct crossover buying into the asset class by high-yield bond managers bolstered demand.

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.

Management Discussion

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

As of December 31, 2009, the Trust's investments included senior loans to 346 borrowers spanning 38 industries, with an average loan size of 0.25% of total investments, and no industry constituting more than 9.8% of total investments. Health care, cable and satellite television and business equipment and services were the top three industry weightings.

The Trust outperformed the Index during the six months ending December 31, 2009. Its larger, higher-quality loans helped performance in the first three months of the period, as these loans continued to benefit from the market's recovery. Management's use of leverage was also a significant factor in the Trust's performance, as its borrowings were bolstered by the strong credit market rally. The last three months of the period witnessed a junk rally, with

Total Return Performance 6/30/09 12/31/09

| NYSE Symbol | EVF |
|--|---|
| At Net Asset Value (NAV) ² | 23.02% |
| At Market Price ² | 37.38 |
| S&P/LSTA Leveraged Loan Index ¹ | 14.71 |
| Premium/(Discount) to NAV (12/31/09) | -4.43% |
| Total Distributions per common share | \$0.191 |
| Distribution Rate ³ | <i>At NAV</i> 5.68% <i>At Market Price</i> 5.94% |

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 commissions or 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 leverage.

- ³ The Distribution Rate is based on the Trust's last regular distribution per share (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.

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Eaton Vance Senior Income Trust as of December 31, 2009

INVESTMENT UPDATE

the market's lowest-quality loans coming back to life. As a result, our relative underweight to the lowest-quality loans, including second-lien loans and those rated below CCC, hampered relative performance during the latter half of the period.

The Trust had a 4.9% exposure to European loans as of December 31, 2009. The Trust's involvement in the European leveraged loan market represented further opportunity for diversification, and while this market was affected slightly more than the U.S. bank loan market by the credit market turmoil, we believed it offered an attractive appreciation opportunity at then-current price levels.

In terms of industries, a relative overweight to the cable and satellite television, leisure goods, activities and movies, and business equipment and services industries benefited performance relative to the Index. Detractors included underweights to the automotive, lodging and casino industries and an overweight to the publishing industry. We believe that the Trust's diversification was an important risk mitigator during the period.

As concerns about inflation and the uncertainty of the potential interest-rate impact of historic stimulus financing persist, we believe the floating-rate asset class remains attractive, especially relative to duration-exposed fixed-income alternatives.

As of December 31, 2009, the Trust employed leverage of 36.2% 29.3% auction preferred shares (APS) and 6.9% borrowings.¹ Use of leverage creates an opportunity for income, but at the same time creates additional risks, including the likelihood of greater volatility of net asset value and market price of common shares.

¹ APS percentage represents the liquidation value of the Trust's APS outstanding at 12/31/09 as a percentage of the Trust's net assets applicable to common shares plus APS and borrowings outstanding. In the event of a rise in long-term interest rates, the value of the Trust's investment portfolio could decline, which would reduce the asset coverage for its

APS and
borrowings.

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

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Eaton Vance Senior Income Trust as of December 31, 2009

TRUST PERFORMANCE

Portfolio Composition

Top 10 Holdings¹

By total investments

| | |
|--|------|
| Community Health Systems, Inc. | 1.3% |
| Aramark Corp. | 1.2 |
| Georgia-Pacific Corp. | 1.1 |
| UPC Broadband Holding B.V. | 1.1 |
| Intelsat Corp. | 1.1 |
| Rite Aid Corp. | 1.0 |
| SunGard Data Systems, Inc. | 1.0 |
| HCA, Inc. | 0.9 |
| INEOS Group | 0.9 |
| Charter Communications Operating, Inc. | 0.9 |

¹ Top 10 Holdings represented 10.5% of the Trust's total investments as of 12/31/09.

Top Five Industries²

By total investments

| | |
|---------------------------------|------|
| Health Care | 9.8% |
| Cable and Satellite Television | 7.0 |
| Business Equipment and Services | 6.9 |
| Leisure Goods/Activities/Movies | 5.4 |
| Publishing | 5.2 |

² Industries are shown as a percentage of the Trust's total investments as of 12/31/09.

Credit Quality Ratings for Total Loan Investments³

By total loan investments

| | |
|-----|------|
| Baa | 1.3% |
| Ba | 38.4 |
| B | 37.9 |
| Ca | 1.2 |
| Caa | 6.4 |

| | |
|------------------------|-----|
| Defaulted | 6.2 |
| Non-Rated ⁴ | 8.6 |

³ Credit Quality Ratings are those provided by Moody's Investor Services, Inc., a nationally recognized bond rating service. Reflects the Trust's total loan investments as of 12/31/09. Although the investment adviser considers ratings when making investment decisions, it performs its own credit and investment analysis and does not rely primarily on the ratings assigned by the rating services. Credit quality can change from time to time, and recently issued credit ratings may not fully reflect the actual risks posed by a particular security or 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.

- 4 Certain loans in which the Trust invests are not rated by a rating agency. In management's opinion, such securities are comparable to securities rated by a rating agency in the categories listed above.

Trust Performance⁵

NYSE Symbol

| Average Annual Total Return (by market price, NYSE) | EVF |
|---|--------|
| Six months | 37.38% |
| One Year | 98.05 |
| Five Years | 1.11 |
| 10 Years | 3.54 |
| Life of Trust (10/30/98) | 3.41 |

Average Annual Total Return (at net asset value)

| | |
|--------------------------|--------|
| Six months | 23.02% |
| One Year | 99.61 |
| Five Years | 1.87 |
| 10 Years | 3.47 |
| Life of Trust (10/30/98) | 3.83 |

- 5 Six-month returns are cumulative. Other returns are presented on an average annual basis. Performance

results reflect
the effects of
leverage.

Past performance is no guarantee of future results. Returns are historical and are calculated by determining the percentage change in net asset value or market price (as applicable) with all distributions reinvested. The 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.

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Eaton Vance Senior Income Trust as of December 31, 2009

PORTFOLIO OF INVESTMENTS (Unaudited)

Senior Floating-Rate Interests 134.9%¹⁾**Principal****Amount*****(000 s omitted)****Borrower/Tranche Description****Value**

Aerospace and Defense 3.2%

ACTS Aero Technical Support & Service, Inc.

| | | |
|-----|---|------------|
| 376 | Term Loan, 0.00%, Maturing October 5, 2014 ⁽²⁾ | \$ 133,319 |
|-----|---|------------|

AWAS Capital, Inc.

| | | |
|-----|--|---------|
| 875 | Term Loan - Second Lien, 6.25%, Maturing March 22, 2013 | 676,523 |
|-----|--|---------|

Booz Allen Hamilton, Inc.

| | | |
|-----|--|---------|
| 250 | Term Loan, 6.00%, Maturing July 31, 2015 | 251,094 |
|-----|--|---------|

DAE Aviation Holdings, Inc.

| | | |
|-----|--|---------|
| 217 | Term Loan, 4.03%, Maturing July 31, 2014 | 200,930 |
|-----|--|---------|

| | | |
|-----|--|---------|
| 223 | Term Loan, 4.04%, Maturing July 31, 2014 | 205,911 |
|-----|--|---------|

Evergreen International Aviation

| | | |
|-----|--|---------|
| 597 | Term Loan, 10.50%, Maturing October 31, 2011 ⁽³⁾ | 481,055 |
|-----|--|---------|

Hawker Beechcraft Acquisition

| | | |
|-------|---|-----------|
| 1,505 | Term Loan, 2.24%, Maturing March 26, 2014 | 1,132,497 |
|-------|---|-----------|

| | | |
|----|---|--------|
| 89 | Term Loan, 2.25%, Maturing March 26, 2014 | 67,184 |
|----|---|--------|

Hexcel Corp.

| | | |
|-----|---|---------|
| 469 | Term Loan, 6.50%, Maturing May 21, 2014 | 472,266 |
|-----|---|---------|

IAP Worldwide Services, Inc.

| | | |
|-----|--|---------|
| 478 | Term Loan, 9.25%, Maturing December 30, 2012 ⁽³⁾ | 417,363 |
|-----|--|---------|

Spirit AeroSystems, Inc.

| | | |
|-----|---|---------|
| 613 | Term Loan, 2.03%, Maturing December 31, 2011 | 598,071 |
|-----|---|---------|

TransDigm, Inc.

| | | |
|-------|--|-----------|
| 1,375 | Term Loan, 2.25%, Maturing June 23, 2013 | 1,322,946 |
|-------|--|-----------|

Vought Aircraft Industries, Inc.

| | | |
|-----|---|---------|
| 470 | Term Loan, 7.50%, Maturing December 17, 2011 | 471,432 |
| 214 | Term Loan, 7.50%, Maturing December 22, 2011 | 213,103 |

Wesco Aircraft Hardware Corp.

| | | |
|-----|--|---------|
| 970 | Term Loan, 2.49%, Maturing September 29, 2013 | 923,924 |
|-----|--|---------|

\$ 7,567,618

Air Transport 0.9%

Airport Development and Investment, Ltd.

| | | | |
|-----|-----|---|--------------|
| GBP | 783 | Term Loan - Second Lien, 4.56%, Maturing April 7, 2011 | \$ 1,188,668 |
|-----|-----|---|--------------|

Delta Air Lines, Inc.

| | | | |
|--|-------|--|---------|
| | 1,125 | Term Loan - Second Lien, 3.53%, Maturing April 30, 2014 | 941,663 |
|--|-------|--|---------|

\$ 2,130,331

Automotive 4.8%

Accuride Corp.

| | | | |
|--|-----|--|------------|
| | 250 | DIP Loan, 1.00%, Maturing September 30, 2013 ⁽⁴⁾ | \$ 255,400 |
| | 862 | Term Loan, 9.25%, Maturing January 31, 2012 | 862,897 |

Adesa, Inc.

| | | | |
|--|-----|--|---------|
| | 941 | Term Loan, 2.99%, Maturing October 18, 2013 | 891,644 |
|--|-----|--|---------|

Allison Transmission, Inc.

| | | | |
|--|-----|--|---------|
| | 550 | Term Loan, 3.01%, Maturing September 30, 2014 | 506,337 |
|--|-----|--|---------|

Cooper Standard Automotive, Inc.

| | | | |
|--|-----|--|---------|
| | 83 | Revolving Loan, 7.00%, Maturing December 23, 2011 | 81,447 |
| | 508 | Term Loan, 7.00%, Maturing December 23, 2010 | 497,021 |
| | 26 | Term Loan, 2.75%, Maturing December 23, 2011 | 25,453 |

Dayco Products, LLC

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| | | | |
|---|-------|---|----------------------|
| | 225 | Term Loan, 9.25%, Maturing November 13, 2014 | 204,796 |
| | 32 | Term Loan, 12.50%, Maturing November 13, 2014 ⁽³⁾ | 29,351 |
| Federal-Mogul Corp. | | | |
| | 2,256 | Term Loan, 2.17%, Maturing December 27, 2014 | 1,900,955 |
| | 589 | Term Loan, 2.17%, Maturing December 27, 2015 | 496,633 |
| Ford Motor Co. | | | |
| | 1,411 | Term Loan, 3.29%, Maturing December 15, 2013 | 1,311,129 |
| Goodyear Tire & Rubber Co. | | | |
| | 2,300 | Term Loan - Second Lien, 2.34%, Maturing April 30, 2010 | 2,134,688 |
| HLI Operating Co., Inc. | | | |
| EUR | 22 | Term Loan, 8.25%, Maturing May 30, 2014 | 2,346 |
| EUR | 371 | Term Loan, 11.50%, Maturing May 30, 2014 | 82,351 |
| Keystone Automotive Operations, Inc. | | | |
| | 447 | Term Loan, 3.76%, Maturing January 12, 2012 | 289,478 |
| LKQ Corp. | | | |
| | 483 | Term Loan, 2.48%, Maturing October 12, 2014 | 474,159 |
| TriMas Corp. | | | |
| | 127 | Term Loan, 2.52%, Maturing August 2, 2011 | 126,563 |
| | 531 | Term Loan, 6.00%, Maturing December 15, 2015 | 530,613 |
| TRW Automotive, Inc. | | | |
| | 300 | Term Loan, 5.00%, Maturing May 30, 2016 | 301,031 |
| United Components, Inc. | | | |
| | 590 | Term Loan, 2.25%, Maturing June 30, 2010 | 546,628 |
| | | | \$ 11,550,920 |
| Beverage and Tobacco 0.1% | | | |
| Culligan International Co. | | | |
| EUR | 500 | Term Loan - Second Lien, 5.23%, Maturing May 31, 2013 | \$ 280,737 |

\$ 280,737

See notes to financial statements

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Eaton Vance Senior Income Trust as of December 31, 2009

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* | Borrower/Tranche Description | Value |
|------------------------------|---|--------------|
| (000 s omitted) | | |
| | Building and Development 2.7% | |
| | AIMCO Properties, L.P. | |
| 461 | Term Loan, 1.73%, Maturing March 23, 2011 | \$ 452,025 |
| | Beacon Sales Acquisition, Inc. | |
| 356 | Term Loan, 2.28%, Maturing September 30, 2013 | 335,338 |
| | Brickman Group Holdings, Inc. | |
| 774 | Term Loan, 2.25%, Maturing January 23, 2014 | 732,431 |
| | Epco/Fantome, LLC | |
| 693 | Term Loan, 2.86%, Maturing November 23, 2010 | 630,630 |
| | LNR Property Corp. | |
| 1,184 | Term Loan, 3.48%, Maturing July 3, 2011 | 846,300 |
| | Metroflag BP, LLC | |
| 300 | Term Loan - Second Lien, 0.00%, Maturing October 31, 2009 ⁽⁵⁾⁽⁶⁾ | 0 |
| | Mueller Water Products, Inc. | |
| 571 | Term Loan, 5.28%, Maturing May 24, 2014 | 561,873 |
| | November 2005 Land Investors | |
| 152 | Term Loan, 0.00%, Maturing May 9, 2011 ⁽²⁾ | 35,819 |
| | Panolam Industries Holdings, Inc. | |
| 569 | Term Loan, 8.25%, Maturing December 31, 2013 | 568,785 |
| | Re/Max International, Inc. | |
| 427 | Term Loan, 6.17%, Maturing December 17, 2012 | 420,894 |
| 900 | Term Loan, 9.77%, Maturing December 17, 2012 | 897,103 |
| | Sanitec Europe OY | |
| EUR 387 | Term Loan, 2.50%, Maturing June 25, 2016 | 399,804 |

South Edge, LLC

| | | |
|-----|--|---------|
| 422 | Term Loan, 0.00%, Maturing October 31, 2009 ⁽⁶⁾ | 158,203 |
|-----|--|---------|

WCI Communities, Inc.

| | | |
|-----|---|---------|
| 469 | Term Loan, 11.00%, Maturing September 3, 2014 | 468,099 |
|-----|---|---------|

\$ 6,507,304

Business Equipment and Services 10.0%

Activant Solutions, Inc.

| | | |
|-----|--|------------|
| 784 | Term Loan, 2.31%, Maturing May 1, 2013 | \$ 731,651 |
|-----|--|------------|

Axiom Corp.

| | | |
|-----|---|---------|
| 598 | Term Loan, 3.25%, Maturing March 15, 2015 | 596,505 |
|-----|---|---------|

Affinion Group, Inc.

| | | |
|-------|---|-----------|
| 1,372 | Term Loan, 2.73%, Maturing October 17, 2012 | 1,288,904 |
|-------|---|-----------|

Allied Barton Security Service

| | | |
|-----|--|---------|
| 494 | Term Loan, 6.75%, Maturing February 21, 2015 | 498,857 |
|-----|--|---------|

Education Management, LLC

| | | |
|-------|---|-----------|
| 1,992 | Term Loan, 2.06%, Maturing June 1, 2013 | 1,875,154 |
|-------|---|-----------|

Info USA, Inc.

| | | |
|-----|--|---------|
| 131 | Term Loan, 2.01%, Maturing February 14, 2012 | 126,086 |
|-----|--|---------|

iPayment, Inc.

| | | |
|-----|---|---------|
| 435 | Term Loan, 2.24%, Maturing May 10, 2013 | 400,918 |
|-----|---|---------|

Kronos, Inc.

| | | |
|-----|--|---------|
| 557 | Term Loan, 2.25%, Maturing June 11, 2014 | 527,315 |
|-----|--|---------|

Language Line, Inc.

| | | |
|-----|---|---------|
| 950 | Term Loan, 5.50%, Maturing October 30, 2015 | 946,437 |
|-----|---|---------|

Mitchell International, Inc.

| | | |
|-----|---|---------|
| 500 | Term Loan - Second Lien, 5.56%, Maturing March 28, 2015 | 410,000 |
|-----|---|---------|

N.E.W. Holdings I, LLC

| | | |
|-----|---|---------|
| 984 | Term Loan, 2.73%, Maturing May 22, 2014 | 920,962 |
|-----|---|---------|

Protection One, Inc.

| | | |
|-----|---|---------|
| 165 | Term Loan, 2.48%, Maturing March 31, 2012 | 155,555 |
|-----|---|---------|

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| | | | |
|--------------------------------------|-------|---|----------------------|
| | 945 | Term Loan, 6.25%, Maturing March 31, 2014 | 910,308 |
| Quantum Corp. | | | |
| | 117 | Term Loan, 4.18%, Maturing July 12, 2014 | 108,279 |
| Quintiles Transnational Corp. | | | |
| | 900 | Term Loan - Second Lien, 4.25%, Maturing March 31, 2014 | 858,000 |
| Sabre, Inc. | | | |
| | 2,642 | Term Loan, 2.49%, Maturing September 30, 2014 | 2,407,558 |
| Serena Software, Inc. | | | |
| | 719 | Term Loan, 2.26%, Maturing March 10, 2013 | 662,155 |
| Sitel (Client Logic) | | | |
| | 501 | Term Loan, 5.77%, Maturing January 29, 2014 | 438,256 |
| EUR | 968 | Term Loan, 5.97%, Maturing January 29, 2014 | 1,151,386 |
| Solera Holdings, LLC | | | |
| EUR | 413 | Term Loan, 2.44%, Maturing May 15, 2014 | 564,185 |
| SunGard Data Systems, Inc. | | | |
| | 1,851 | Term Loan, 1.98%, Maturing February 11, 2013 | 1,755,108 |
| | 1,917 | Term Loan, 3.90%, Maturing February 28, 2016 | 1,874,633 |
| Travelport, LLC | | | |
| | 145 | Term Loan, 2.75%, Maturing August 23, 2013 | 138,552 |
| | 723 | Term Loan, 2.77%, Maturing August 23, 2013 | 690,514 |
| EUR | 527 | Term Loan, 2.97%, Maturing August 23, 2013 | 721,640 |
| | 499 | Term Loan, 10.50%, Maturing August 23, 2013 | 502,075 |
| VWR International, Inc. | | | |
| | 995 | Term Loan, 2.73%, Maturing June 28, 2013 | 897,366 |
| West Corp. | | | |
| | 722 | Term Loan, 2.61%, Maturing October 24, 2013 | 682,150 |
| | 1,049 | Term Loan, 4.11%, Maturing July 15, 2016 | 1,005,009 |
| | | | \$ 23,845,518 |

Cable and Satellite Television 10.8%

Atlantic Broadband Finance, LLC

| | | |
|-------|--|--------------|
| 1,648 | Term Loan, 6.75%, Maturing June 8, 2013 | \$ 1,631,854 |
| 61 | Term Loan, 2.51%, Maturing September 1, 2013 | 59,995 |

See notes to financial statements

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Eaton Vance Senior Income Trust as of December 31, 2009

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* (000 s omitted) | Borrower/Tranche Description | Value |
|---|---|--------------|
| Cable and Satellite Television (continued) | | |
| Bragg Communications, Inc. | | |
| 1,173 | Term Loan, 2.75%, Maturing August 31, 2014 | \$ 1,153,939 |
| Bresnan Broadband Holdings, LLC | | |
| 1,489 | Term Loan, 2.29%, Maturing March 29, 2014 | 1,413,072 |
| 650 | Term Loan - Second Lien, 4.74%, Maturing March 29, 2014 | 615,875 |
| Cequel Communications, LLC | | |
| 699 | Term Loan, 6.26%, Maturing May 5, 2014 ⁽³⁾ | 701,619 |
| 1,375 | Term Loan - Second Lien, 4.76%, Maturing May 5, 2014 | 1,341,116 |
| Charter Communications Operating, Inc. | | |
| 3,477 | Term Loan, 2.26%, Maturing April 28, 2013 | 3,267,114 |
| CSC Holdings, Inc. | | |
| 1,985 | Term Loan, 2.00%, Maturing March 29, 2013 | 1,925,828 |
| CW Media Holdings, Inc. | | |
| 319 | Term Loan, 3.50%, Maturing February 15, 2015 | 294,613 |
| Foxco Acquisition Sub., LLC | | |
| 312 | Term Loan, 7.50%, Maturing July 2, 2015 | 294,746 |
| Insight Midwest Holdings, LLC | | |
| 1,941 | Term Loan, 2.29%, Maturing April 6, 2014 | 1,854,337 |
| MCC Iowa, LLC | | |
| 810 | Term Loan, 1.97%, Maturing January 31, 2015 | 754,842 |
| Mediacom Illinois, LLC | | |
| 1,916 | Term Loan, 1.97%, Maturing January 31, 2015 | 1,781,647 |
| 998 | | 1,001,739 |

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| | | | |
|--|-------|--|----------------------|
| | | Term Loan, 5.50%, Maturing March 31, 2017 | |
| NTL Investment Holdings, Ltd. | | | |
| GBP | 294 | Term Loan, 4.17%, Maturing September 3, 2012 | 465,420 |
| ProSiebenSat.1 Media AG | | | |
| EUR | 578 | Term Loan, 3.53%, Maturing March 2, 2015 | 574,988 |
| EUR | 11 | Term Loan, 2.59%, Maturing June 26, 2015 | 13,593 |
| EUR | 273 | Term Loan, 2.59%, Maturing June 26, 2015 | 334,938 |
| EUR | 578 | Term Loan, 3.78%, Maturing March 2, 2016 | 574,988 |
| EUR | 194 | Term Loan, 8.15%, Maturing March 2, 2017 ⁽³⁾ | 75,972 |
| EUR | 271 | Term Loan - Second Lien, 4.90%, Maturing September 2, 2016 | 165,668 |
| UPC Broadband Holding B.V. | | | |
| | 1,037 | Term Loan, 1.99%, Maturing December 31, 2014 | 974,377 |
| | 1,563 | Term Loan, 3.74%, Maturing December 31, 2016 | 1,521,913 |
| EUR | 726 | Term Loan, 4.22%, Maturing December 31, 2016 | 965,444 |
| EUR | 524 | Term Loan, 4.47%, Maturing December 31, 2017 | 702,187 |
| Virgin Media Investment Holding | | | |
| | 1,204 | Term Loan, 3.78%, Maturing March 30, 2012 | 1,196,125 |
| GBP | 150 | Term Loan, 4.43%, Maturing March 30, 2012 | 236,654 |
| | | | \$ 25,894,603 |

Chemicals and Plastics 5.9%

Ashland, Inc.

| | | |
|-----|--|------------|
| 275 | Term Loan, 7.65%, Maturing November 20, 2014 | \$ 279,799 |
|-----|--|------------|

Brenntag Holding GmbH and Co. KG

| | | |
|-----|--|---------|
| 635 | Term Loan, 1.98%, Maturing December 23, 2013 | 612,821 |
| 192 | Term Loan, 2.02%, Maturing December 23, 2013 | 185,183 |
| 151 | Term Loan, 1.98%, Maturing January 20, 2014 | 150,900 |
| 600 | | 586,500 |

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| | | | |
|---|---------|---|----------------------|
| | | Term Loan - Second Lien, 4.25%, Maturing December 23, 2015 | |
| Celanese Holdings, LLC | 1,218 | Term Loan, 2.04%, Maturing April 2, 2014 | 1,158,572 |
| Hexion Specialty Chemicals, Inc. | 488 | Term Loan, 2.56%, Maturing May 5, 2012 | 407,063 |
| | 330 | Term Loan, 2.56%, Maturing May 5, 2013 | 289,159 |
| | 1,525 | Term Loan, 2.56%, Maturing May 5, 2013 | 1,334,578 |
| Huntsman International, LLC | 1,000 | Term Loan, 1.98%, Maturing August 16, 2012 | 947,857 |
| | 1,000 | Term Loan, 2.48%, Maturing June 30, 2016 | 952,500 |
| INEOS Group | 1,268 | Term Loan, 7.50%, Maturing December 14, 2013 | 1,152,577 |
| | 1,268 | Term Loan, 10.00%, Maturing December 14, 2014 | 1,152,577 |
| EUR | 1,000 | Term Loan - Second Lien, 7.02%, Maturing December 14, 2012 | 1,179,095 |
| ISP Chemco, Inc. | 866 | Term Loan, 2.00%, Maturing June 4, 2014 | 812,858 |
| Kranton Polymers, LLC | 841 | Term Loan, 2.31%, Maturing May 12, 2013 | 801,940 |
| MacDermid, Inc. | EUR 361 | Term Loan, 2.68%, Maturing April 12, 2014 | 418,636 |
| Millenium Inorganic Chemicals | 178 | Term Loan, 2.50%, Maturing April 30, 2014 | 160,688 |
| | 500 | Term Loan - Second Lien, 6.00%, Maturing October 31, 2014 | 402,500 |
| Rockwood Specialties Group, Inc. | 1,221 | Term Loan, 6.00%, Maturing May 15, 2014 | 1,236,428 |
| | | | \$ 14,222,231 |

Clothing / Textiles 0.4%

Hanebrands, Inc.

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| | | | |
|---|---|----|------------------|
| 550 | Term Loan, 5.25%, Maturing December 10, 2015 | \$ | 556,531 |
| St. John Knits International, Inc. | | | |
| 558 | Term Loan, 9.25%, Maturing March 23, 2012 | | 488,014 |
| | | \$ | 1,044,545 |

See notes to financial statements

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Eaton Vance Senior Income Trust as of December 31, 2009

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* (000 s omitted) | Borrower/Tranche Description | Value |
|---|---|--------------|
| Conglomerates 5.1% | | |
| Amsted Industries, Inc. | | |
| 907 | Term Loan, 2.28%, Maturing October 15, 2010 | \$ 848,083 |
| Blount, Inc. | | |
| 248 | Term Loan, 5.50%, Maturing February 9, 2012 | 248,235 |
| Doncasters (Dunde HoldCo 4 Ltd.) | | |
| 208 | Term Loan, 4.23%, Maturing July 13, 2015 | 178,553 |
| 208 | Term Loan, 4.73%, Maturing July 13, 2015 | 178,553 |
| EUR | 417 Term Loan - Second Lien, 6.47%, Maturing January 13, 2016 | 397,892 |
| Jarden Corp. | | |
| 623 | Term Loan, 2.00%, Maturing January 24, 2012 | 603,013 |
| 885 | Term Loan, 2.00%, Maturing January 24, 2012 | 854,421 |
| Manitowoc Company, Inc. (The) | | |
| 1,436 | Term Loan, 7.50%, Maturing August 21, 2014 | 1,396,252 |
| Polymer Group, Inc. | | |
| 2,045 | Term Loan, 7.00%, Maturing November 22, 2014 | 2,055,514 |
| RBS Global, Inc. | | |
| 728 | Term Loan, 2.50%, Maturing July 19, 2013 | 675,362 |
| 1,683 | Term Loan, 2.79%, Maturing July 19, 2013 | 1,588,959 |
| RGIS Holdings, LLC | | |
| 104 | Term Loan, 2.75%, Maturing April 30, 2014 | 91,504 |
| 2,078 | Term Loan, 2.77%, Maturing April 30, 2014 | 1,830,091 |
| US Investigations Services, Inc. | | |

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| | | | |
|--|-------|---|----------------------|
| | 997 | Term Loan, 3.25%, Maturing February 21, 2015 | 898,945 |
| Vertrue, Inc. | | | |
| | 500 | Term Loan, 3.26%, Maturing August 16, 2014 | 410,000 |
| | | | \$ 12,255,377 |
| Containers and Glass Products 4.0% | | | |
| Berry Plastics Corp. | | | |
| | 973 | Term Loan, 2.25%, Maturing April 3, 2015 | \$ 848,811 |
| Consolidated Container Co. | | | |
| | 500 | Term Loan - Second Lien, 5.75%, Maturing September 28, 2014 | 419,167 |
| Crown Americas, Inc. | | | |
| | 336 | Term Loan, 1.98%, Maturing November 15, 2012 | 329,280 |
| Graham Packaging Holdings Co. | | | |
| | 1,061 | Term Loan, 2.50%, Maturing October 7, 2011 | 1,045,934 |
| | 657 | Term Loan, 6.75%, Maturing April 5, 2014 | 662,700 |
| Graphic Packaging International, Inc. | | | |
| | 370 | Term Loan, 2.28%, Maturing May 16, 2014 | 357,210 |
| | 1,329 | Term Loan, 3.04%, Maturing May 16, 2014 | 1,295,707 |
| JSG Acquisitions | | | |
| | 638 | Term Loan, 3.66%, Maturing December 31, 2013 | 631,300 |
| | 638 | Term Loan, 3.91%, Maturing December 13, 2014 | 631,300 |
| Owens-Brockway Glass Container | | | |
| | 829 | Term Loan, 1.73%, Maturing June 14, 2013 | 807,429 |
| Reynolds Group Holdings, Inc. | | | |
| | 475 | Term Loan, 6.25%, Maturing November 5, 2015 | 478,563 |
| Smurfit-Stone Container Corp. | | | |
| | 843 | Revolving Loan, 2.84%, Maturing July 28, 2010 | 838,343 |
| | 280 | Revolving Loan, 3.06%, Maturing July 28, 2010 | 278,256 |
| | 110 | Term Loan, 2.50%, Maturing November 1, 2011 | 108,624 |

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| | | |
|-----|--|---------------------|
| 193 | Term Loan, 2.50%, Maturing November 1, 2011 | 190,513 |
| 363 | Term Loan, 2.50%, Maturing November 1, 2011 | 359,274 |
| 169 | Term Loan, 4.50%, Maturing November 1, 2011 | 167,406 |
| | | \$ 9,449,817 |

Cosmetics / Toiletries 0.4%

American Safety Razor Co.

| | | |
|-----|---|------------|
| 400 | Term Loan - Second Lien, 6.51%, Maturing July 31, 2014 | \$ 286,000 |
|-----|---|------------|

KIK Custom Products, Inc.

| | | |
|-----|---|---------|
| 525 | Term Loan - Second Lien, 5.28%, Maturing November 30, 2014 | 304,500 |
|-----|---|---------|

Prestige Brands, Inc.

| | | |
|-----|---|---------------------|
| 490 | Term Loan, 2.48%, Maturing April 7, 2011 | 481,574 |
| | | \$ 1,072,074 |

Drugs 0.6%

Graceway Pharmaceuticals, LLC

| | | |
|-----|---|------------|
| 393 | Term Loan, 2.98%, Maturing May 3, 2012 | \$ 265,106 |
| 150 | Term Loan, 8.48%, Maturing November 3, 2013 | 18,000 |
| 500 | Term Loan - Second Lien, 6.73%, Maturing May 3, 2013 | 178,750 |

Pharmaceutical Holdings Corp.

| | | |
|-----|--|---------|
| 155 | Term Loan, 3.51%, Maturing January 30, 2012 | 147,650 |
|-----|--|---------|

Warner Chilcott Corp.

| | | |
|-----|--|---------|
| 357 | Term Loan, 5.50%, Maturing October 30, 2014 | 358,212 |
| 179 | Term Loan, 5.75%, Maturing April 30, 2015 | 179,106 |
| 393 | Term Loan, 5.75%, Maturing April 30, 2015 | 394,033 |

\$ 1,540,857

Ecological Services and Equipment 1.2%

Blue Waste B.V. (AVR Acquisition)

EUR 500 Term Loan, 2.72%, Maturing April 1,
2015 \$ 659,433

Kemble Water Structure, Ltd.

GBP 1,250 Term Loan - Second Lien, 4.74%,
Maturing October 13, 2013 1,563,044

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Eaton Vance Senior Income Trust as of December 31, 2009

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* (000 s omitted) | Borrower/Tranche Description | Value |
|---|--|---------------------|
| Ecological Services and Equipment (continued) | | |
| Sensus Metering Systems, Inc. | | |
| 625 | Term Loan, 6.99%, Maturing June 3, 2013 | \$ 627,021 |
| | | \$ 2,849,498 |
| Electronics / Electrical 4.4% | | |
| Aspect Software, Inc. | | |
| 630 | Term Loan, 3.25%, Maturing July 11, 2011 | \$ 591,013 |
| 950 | Term Loan - Second Lien, 7.31%, Maturing July 11, 2013 | 869,250 |
| FCI International S.A.S. | | |
| 83 | Term Loan, 4.41%, Maturing November 1, 2013 | 76,760 |
| 83 | Term Loan, 4.41%, Maturing November 1, 2013 | 76,760 |
| 86 | Term Loan, 4.41%, Maturing November 1, 2013 | 79,732 |
| 86 | Term Loan, 4.41%, Maturing November 1, 2013 | 79,732 |
| Freescale Semiconductor, Inc. | | |
| 992 | Term Loan, 1.99%, Maturing December 1, 2013 | 872,581 |
| Infor Enterprise Solutions Holdings | | |
| 491 | Term Loan, 2.99%, Maturing July 28, 2012 | 444,112 |
| 380 | Term Loan, 3.99%, Maturing July 28, 2012 | 344,010 |
| 729 | | 659,353 |

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| | | |
|---|--|----------------------|
| | Term Loan, 3.99%, Maturing July 28, 2012 | |
| 250 | Term Loan, 5.73%, Maturing March 2, 2014 | 177,500 |
| 92 | Term Loan - Second Lien, 6.48%, Maturing March 2, 2014 | 66,688 |
| 158 | Term Loan - Second Lien, 6.48%, Maturing March 2, 2014 | 113,604 |
| Network Solutions, LLC | | |
| 330 | Term Loan, 2.51%, Maturing March 7, 2014 | 293,376 |
| Open Solutions, Inc. | | |
| 1,167 | Term Loan, 2.41%, Maturing January 23, 2014 | 970,973 |
| Sensata Technologies Finance Co. | | |
| 1,831 | Term Loan, 2.03%, Maturing April 27, 2013 | 1,634,432 |
| Spectrum Brands, Inc. | | |
| 134 | Term Loan, 8.00%, Maturing March 30, 2013 | 132,979 |
| 1,601 | Term Loan, 8.00%, Maturing March 30, 2013 | 1,588,091 |
| SS&C Technologies, Inc. | | |
| 683 | Term Loan, 2.25%, Maturing November 23, 2012 | 655,286 |
| VeriFone, Inc. | | |
| 371 | Term Loan, 2.99%, Maturing October 31, 2013 | 352,688 |
| Vertafore, Inc. | | |
| 477 | Term Loan, 5.50%, Maturing July 31, 2014 | 448,056 |
| | | \$ 10,526,976 |
| Equipment Leasing 0.4% | | |
| Hertz Corp. | | |
| 88 | Term Loan, 2.00%, Maturing December 21, 2012 | \$ 83,934 |
| 810 | Term Loan, 2.02%, Maturing December 21, 2012 | 770,651 |
| | | \$ 854,585 |

Farming / Agriculture 0.4%

Central Garden & Pet Co.

1,002 Term Loan, 1.74%, Maturing
February 28, 2014 \$ 952,802

\$ 952,802

Financial Intermediaries 2.5%

Citco III, Ltd.

1,043 Term Loan, 4.43%, Maturing June 30,
2014 \$ 931,094

First Data

500 Term Loan, Maturing September 24,
2014⁽⁷⁾ 444,375

500 Term Loan, Maturing September 24,
2014⁽⁷⁾ 446,125

Grosvenor Capital Management

1,176 Term Loan, 2.25%, Maturing
December 5, 2013 1,069,972

Jupiter Asset Management Group

GBP 213 Term Loan, 2.74%, Maturing June 30,
2015 323,169

LPL Holdings, Inc.

1,877 Term Loan, 2.00%, Maturing
December 18, 2014 1,770,667

Nuveen Investments, Inc.

721 Term Loan, 3.28%, Maturing
November 2, 2014 634,183

Oxford Acquisition III, Ltd.

191 Term Loan, 2.28%, Maturing May 24,
2014 177,329

RJO Holdings Corp. (RJ O Brien)

238 Term Loan, 5.24%, Maturing July 31,
2014 157,467

\$ 5,954,381

Food Products 4.5%

Acosta, Inc.

1,593 \$ 1,507,792

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| | | |
|--|---|-----------|
| | Term Loan, 2.49%, Maturing July 28, 2013 | |
| Advantage Sales & Marketing, Inc. | | |
| 1,597 | Term Loan, 2.29%, Maturing March 29, 2013 | 1,517,471 |
| Dean Foods Co. | | |
| 812 | Term Loan, 1.64%, Maturing April 2, 2014 | 775,573 |
| Michael Foods, Inc. | | |
| 871 | Term Loan, 6.50%, Maturing April 30, 2014 | 880,101 |
| Pinnacle Foods Finance, LLC | | |
| 2,977 | Term Loan, 2.99%, Maturing April 2, 2014 | 2,782,076 |
| Provimi Group SA | | |
| 120 | Term Loan, 2.48%, Maturing June 28, 2015 | 111,268 |

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Eaton Vance Senior Income Trust as of December 31, 2009

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* (000 s omitted) | Borrower/Tranche Description | Value |
|---|---|----------------------|
| Food Products (continued) | | |
| | 147 Term Loan, 2.48%, Maturing June 28, 2015 | \$ 136,929 |
| EUR | 155 Term Loan, 2.72%, Maturing June 28, 2015 | 206,312 |
| EUR | 256 Term Loan, 2.72%, Maturing June 28, 2015 | 341,217 |
| EUR | 267 Term Loan, 2.72%, Maturing June 28, 2015 | 355,554 |
| EUR | 344 Term Loan, 2.72%, Maturing June 28, 2015 | 458,504 |
| EUR | 19 Term Loan - Second Lien, 4.72%, Maturing June 28, 2015 | 20,153 |
| EUR | 558 Term Loan - Second Lien, 2.24%, Maturing December 28, 2016 ⁽⁴⁾ | 581,231 |
| | 119 Term Loan - Second Lien, 4.48%, Maturing December 28, 2016 | 86,176 |
| Reddy Ice Group, Inc. | | |
| | 1,055 Term Loan, 1.98%, Maturing August 9, 2012 | 942,642 |
| | | \$ 10,702,999 |
| Food Service 3.6% | | |
| AFC Enterprises, Inc. | | |
| | 149 Term Loan, 7.00%, Maturing May 11, 2011 | \$ 150,028 |
| Aramark Corp. | | |
| | 3,711 Term Loan, 2.13%, Maturing January 26, 2014 | 3,527,331 |
| | 245 | 232,980 |

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| | | | |
|-------------------------------------|-------|---|---------------------|
| | | Term Loan, 2.14%, Maturing January 26, 2014 | |
| GBP | 485 | Term Loan, 2.73%, Maturing January 27, 2014 | 723,640 |
| Buffets, Inc. | | | |
| | 57 | Term Loan, 7.16%, Maturing November 1, 2013 ⁽³⁾ | 51,444 |
| | 288 | Term Loan - Second Lien, 17.78%, Maturing November 1, 2013 ⁽³⁾ | 257,513 |
| CBRL Group, Inc. | | | |
| | 538 | Term Loan, 1.79%, Maturing April 27, 2013 | 511,243 |
| | 334 | Term Loan, 2.79%, Maturing April 27, 2016 | 319,458 |
| Denny's, Inc. | | | |
| | 53 | Term Loan, 2.38%, Maturing March 31, 2012 | 50,531 |
| | 140 | Term Loan, 2.55%, Maturing March 31, 2012 | 134,750 |
| Maine Beverage Co., LLC | | | |
| | 219 | Term Loan, 2.04%, Maturing June 30, 2010 | 206,719 |
| NPC International, Inc. | | | |
| | 184 | Term Loan, 2.02%, Maturing May 3, 2013 | 173,495 |
| OSI Restaurant Partners, LLC | | | |
| | 148 | Term Loan, 3.08%, Maturing May 9, 2013 | 121,066 |
| | 1,682 | Term Loan, 2.66%, Maturing May 9, 2014 | 1,377,978 |
| QCE Finance, LLC | | | |
| | 485 | Term Loan, 2.56%, Maturing May 5, 2013 | 398,447 |
| | 500 | Term Loan - Second Lien, 6.00%, Maturing November 5, 2013 | 266,750 |
| Sagittarius Restaurants, LLC | | | |
| | 175 | Term Loan, 9.75%, Maturing March 29, 2013 | 161,666 |
| | | | \$ 8,665,039 |

Food / Drug Retailers 4.1%

General Nutrition Centers, Inc.

2,797 Term Loan, 2.52%, Maturing September 16, 2013 \$ 2,617,005

Iceland Foods Group, Ltd.

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| | | | |
|------------------------------------|-------|---|---------------------|
| GBP | 557 | Term Loan, 9.27%, Maturing May 2, 2016 ⁽³⁾ | 890,490 |
| Pantry, Inc. (The) | | | |
| | 119 | Term Loan, 1.74%, Maturing May 15, 2014 | 111,580 |
| | 414 | Term Loan, 1.74%, Maturing May 15, 2014 | 387,549 |
| Rite Aid Corp. | | | |
| | 3,057 | Term Loan, 1.99%, Maturing June 1, 2014 | 2,700,798 |
| | 543 | Term Loan, 6.00%, Maturing June 4, 2014 | 511,081 |
| | 500 | Term Loan, 9.50%, Maturing June 4, 2014 | 519,140 |
| Roundy's Supermarkets, Inc. | | | |
| | 1,995 | Term Loan, 6.39%, Maturing November 3, 2013 | 1,989,898 |
| | | | \$ 9,727,541 |

Forest Products 2.0%

Appleton Papers, Inc.

681 Term Loan, 6.63%, Maturing June 5, 2014 \$ 631,057

Georgia-Pacific Corp.

3,802 Term Loan, 2.26%, Maturing December 20, 2012 3,682,567

509 Term Loan, 3.50%, Maturing December 23, 2014 508,321

\$ 4,821,945

Health Care 14.6%

Accellent, Inc.

897 Term Loan, 2.51%, Maturing November 22, 2012 \$ 847,492

Alliance Healthcare Services

575 Term Loan, 5.50%, Maturing June 1, 2016 568,531

American Medical Systems

318 308,825

Term Loan, 2.50%, Maturing July 20,
2012

Biomet, Inc.

2,987 Term Loan, 3.25%, Maturing
December 26, 2014 2,863,180

Bright Horizons Family Solutions, Inc.

469 Term Loan, 7.50%, Maturing May 15,
2015 470,235

Cardinal Health 409, Inc.

1,296 Term Loan, 2.48%, Maturing April 10,
2014 1,106,083

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Eaton Vance Senior Income Trust as of December 31, 2009

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* | (000 s omitted) Borrower/Tranche Description | Value |
|---------------------------------------|---|--------------|
| Health Care (continued) | | |
| Carestream Health, Inc. | | |
| 1,241 | Term Loan, 2.24%, Maturing April 30, 2013 | \$ 1,172,495 |
| 500 | Term Loan - Second Lien, 5.49%, Maturing October 30, 2013 | 426,719 |
| Carl Zeiss Vision Holding GmbH | | |
| 630 | Term Loan, 2.73%, Maturing March 23, 2015 | 480,060 |
| Community Health Systems, Inc. | | |
| 243 | Term Loan, 2.51%, Maturing July 25, 2014 | 229,415 |
| 4,748 | Term Loan, 2.51%, Maturing July 25, 2014 | 4,488,491 |
| Concentra, Inc. | | |
| 370 | Term Loan - Second Lien, 5.76%, Maturing June 25, 2015 ⁽³⁾ | 306,972 |
| ConMed Corp. | | |
| 250 | Term Loan, 1.74%, Maturing April 13, 2013 | 235,157 |
| CRC Health Corp. | | |
| 241 | Term Loan, 2.50%, Maturing February 6, 2013 | 218,404 |
| 266 | Term Loan, 2.50%, Maturing February 6, 2013 | 241,452 |
| DaVita, Inc. | | |
| 715 | Term Loan, 1.75%, Maturing October 5, 2012 | 696,196 |
| DJO Finance, LLC | | |
| 441 | Term Loan, 3.23%, Maturing May 15, 2014 | 417,021 |
| Fenwal, Inc. | | |
| 500 | Term Loan - Second Lien, 5.51%, Maturing August 28, 2014 | 428,750 |
| Hanger Orthopedic Group, Inc. | | |
| 386 | Term Loan, 2.24%, Maturing May 30, 2013 | 365,747 |
| HCA, Inc. | | |
| 3,706 | Term Loan, 2.50%, Maturing November 18, 2013 | 3,547,095 |

| | | |
|--|--|-----------|
| Health Management Association, Inc. | | |
| 2,412 | Term Loan, 2.00%, Maturing February 28, 2014 | 2,254,239 |
| HealthSouth Corp. | | |
| 792 | Term Loan, 2.51%, Maturing March 10, 2013 | 753,304 |
| 652 | Term Loan, 4.01%, Maturing March 15, 2014 | 631,571 |
| Iasis Healthcare, LLC | | |
| 41 | Term Loan, 2.23%, Maturing March 14, 2014 | 38,638 |
| 153 | Term Loan, 2.23%, Maturing March 14, 2014 | 142,720 |
| 441 | Term Loan, 2.23%, Maturing March 14, 2014 | 412,394 |
| Ikaria Acquisition, Inc. | | |
| 262 | Term Loan, 2.51%, Maturing March 28, 2013 | 245,434 |
| IM U.S. Holdings, LLC | | |
| 350 | Term Loan - Second Lien, 4.48%, Maturing June 26, 2015 | 339,281 |
| inVentiv Health, Inc. | | |
| 460 | Term Loan, 2.01%, Maturing July 6, 2014 | 435,894 |
| LifePoint Hospitals, Inc. | | |
| 1,086 | Term Loan, 1.89%, Maturing April 15, 2012 | 1,054,975 |
| MultiPlan Merger Corp. | | |
| 281 | Term Loan, 2.75%, Maturing April 12, 2013 | 265,074 |
| 603 | Term Loan, 2.75%, Maturing April 12, 2013 | 569,389 |
| Mylan, Inc. | | |
| 2,291 | Term Loan, 3.55%, Maturing October 2, 2014 | 2,244,552 |
| National Mentor Holdings, Inc. | | |
| 547 | Term Loan, 2.26%, Maturing June 29, 2013 | 487,136 |
| 34 | Term Loan, 4.15%, Maturing June 29, 2013 | 29,946 |
| National Renal Institutes, Inc. | | |
| 444 | Term Loan, 5.31%, Maturing March 31, 2013 ⁽³⁾ | 408,756 |
| Physiotherapy Associates, Inc. | | |
| 395 | Term Loan, 7.50%, Maturing June 27, 2013 | 295,499 |
| RadNet Management, Inc. | | |
| 292 | Term Loan, 4.53%, Maturing November 15, 2012 | 281,542 |
| 350 | Term Loan, 9.26%, Maturing November 15, 2013 | 334,250 |
| ReAble Therapeutics Finance, LLC | | |
| 864 | Term Loan, 2.26%, Maturing November 16, 2013 | 826,916 |
| RehabCare Group, Inc. | | |

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| | | |
|---|---|----------------------|
| 425 | Term Loan, 6.00%, Maturing November 20, 2015 | 421,591 |
| Renal Advantage, Inc. | | |
| 1 | Term Loan, 2.75%, Maturing October 5, 2012 | 450 |
| Select Medical Holdings Corp. | | |
| 927 | Term Loan, 4.02%, Maturing August 5, 2014 | 901,971 |
| Sunrise Medical Holdings, Inc. | | |
| 211 | Term Loan, 8.25%, Maturing May 13, 2010 | 176,088 |
| Vanguard Health Holding Co., LLC | | |
| 1,581 | Term Loan, 2.48%, Maturing September 23, 2011 | 1,554,007 |
| Viant Holdings, Inc. | | |
| 289 | Term Loan, 2.51%, Maturing June 25, 2014 | 285,927 |
| | | \$ 34,809,864 |

Home Furnishings 1.5%

Hunter Fan Co.

| | | |
|-----|---|------------|
| 223 | Term Loan, 2.74%, Maturing April 16, 2014 | \$ 174,280 |
|-----|---|------------|

Interline Brands, Inc.

| | | |
|-----|--|---------|
| 136 | Term Loan, 1.98%, Maturing June 23, 2013 | 126,081 |
| 501 | Term Loan, 2.00%, Maturing June 23, 2013 | 463,158 |

National Bedding Co., LLC

| | | |
|-----|--|---------|
| 970 | Term Loan, 2.31%, Maturing August 31, 2011 | 893,208 |
| 350 | Term Loan - Second Lien, 5.31%, Maturing August 31, 2012 | 291,083 |

Oreck Corp.

| | | |
|-----|---|---------|
| 666 | Term Loan, 0.00%, Maturing February 2, 2012 ⁽²⁾⁽⁵⁾ | 239,251 |
|-----|---|---------|

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Eaton Vance Senior Income Trust as of December 31, 2009

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* | (000 s omitted) Borrower/Tranche Description | Value |
|---|--|---------------------|
| Home Furnishings (continued) | | |
| Simmons Co. | | |
| 1,495 | Term Loan, 10.50%, Maturing December 19, 2011 | \$ 1,482,441 |
| 545 | Term Loan, 7.35%, Maturing February 15, 2012 ⁽³⁾ | 16,355 |
| | | \$ 3,685,857 |
| Industrial Equipment 3.2% | | |
| Brand Energy and Infrastructure Services, Inc. | | |
| 486 | Term Loan, 2.56%, Maturing February 7, 2014 | \$ 452,820 |
| 415 | Term Loan, 3.56%, Maturing February 7, 2014 | 387,915 |
| CEVA Group PLC U.S. | | |
| 547 | Term Loan, 3.24%, Maturing January 4, 2014 | 459,623 |
| 66 | Term Loan, 3.25%, Maturing January 4, 2014 | 55,482 |
| EPD Holdings (Goodyear Engineering Products) | | |
| 40 | Term Loan, 2.74%, Maturing July 13, 2014 | 32,630 |
| 278 | Term Loan, 2.74%, Maturing July 13, 2014 | 227,825 |
| 425 | Term Loan - Second Lien, 5.98%, Maturing July 13, 2015 | 255,709 |
| Generac Acquisition Corp. | | |
| 678 | Term Loan, 2.78%, Maturing November 7, 2013 | 635,520 |
| 500 | Term Loan - Second Lien, 6.28%, Maturing April 7, 2014 | 460,000 |
| Gleason Corp. | | |

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| | | |
|------------------------------|--|---------------------|
| 84 | Term Loan, 2.02%, Maturing June 30, 2013 | 81,385 |
| 306 | Term Loan, 2.02%, Maturing June 30, 2013 | 296,881 |
| Jason, Inc. | | |
| 265 | Term Loan, 5.99%, Maturing April 30, 2010 | 173,577 |
| John Maneely Co. | | |
| 1,172 | Term Loan, 3.51%, Maturing December 8, 2013 | 1,103,280 |
| LN Acquisitions Corp. | | |
| 123 | Term Loan, 2.79%, Maturing July 11, 2014 | 108,570 |
| 318 | Term Loan, 3.54%, Maturing July 11, 2014 | 281,742 |
| Polypore, Inc. | | |
| 1,584 | Term Loan, 2.49%, Maturing July 3, 2014 | 1,497,234 |
| Sequa Corp. | | |
| 397 | Term Loan, 3.88%, Maturing November 30, 2014 | 355,717 |
| TFS Acquisition Corp. | | |
| 1,117 | Term Loan, 14.00%, Maturing August 11, 2013 ⁽³⁾ | 774,803 |
| | | \$ 7,640,713 |

Insurance 2.6%

AmWINS Group, Inc.

500 Term Loan - Second Lien, 5.75%, Maturing June 8, 2014 \$ 411,250

Applied Systems, Inc.

1,586 Term Loan, 2.73%, Maturing September 26, 2013 1,466,950

CCC Information Services Group, Inc.

305 Term Loan, 2.49%, Maturing February 10, 2013 292,389

Conseco, Inc.

1,416 Term Loan, 7.50%, Maturing October 10, 2013 1,343,807

Crawford & Company

645 Term Loan, 5.25%, Maturing October 31, 2013 629,136

Hub International Holdings, Inc.

182 Term Loan, 2.75%, Maturing June 13, 2014 167,553

810 Term Loan, 2.75%, Maturing June 13, 2014 745,429

274 Term Loan, 6.75%, Maturing June 30, 2014 272,084

U.S.I. Holdings Corp.

926 Term Loan, 3.01%, Maturing May 4, 2014 826,678

\$ 6,155,276

Leisure Goods / Activities / Movies 8.2%

AMC Entertainment, Inc.

| | | |
|-------|---|--------------|
| 1,952 | Term Loan, 1.73%, Maturing January 26, 2013 | \$ 1,849,755 |
|-------|---|--------------|

AMF Bowling Worldwide, Inc.

| | | |
|-----|---|---------|
| 500 | Term Loan - Second Lien, 6.48%, Maturing December 8, 2013 | 348,750 |
|-----|---|---------|

Bombardier Recreational Products

| | | |
|-----|--|---------|
| 980 | Term Loan, 3.28%, Maturing June 28, 2013 | 704,805 |
|-----|--|---------|

Carmike Cinemas, Inc.

| | | |
|-------|---|-----------|
| 448 | Term Loan, 3.74%, Maturing May 19, 2012 | 437,488 |
| 1,355 | Term Loan, 4.24%, Maturing May 19, 2012 | 1,323,269 |

Cedar Fair, L.P.

| | | |
|-------|--|-----------|
| 161 | Term Loan, 2.23%, Maturing August 30, 2012 | 159,228 |
| 1,640 | Term Loan, 4.23%, Maturing February 17, 2014 | 1,622,767 |

Cinemark, Inc.

| | | |
|-------|--|-----------|
| 1,935 | Term Loan, 2.03%, Maturing October 5, 2013 | 1,847,234 |
|-------|--|-----------|

Deluxe Entertainment Services

| | | |
|-----|---|---------|
| 35 | Term Loan, 6.22%, Maturing January 28, 2011 | 32,953 |
| 61 | Term Loan, 6.25%, Maturing January 28, 2011 | 56,323 |
| 577 | Term Loan, 6.25%, Maturing January 28, 2011 | 536,827 |

Mega Blocks, Inc.

| | | |
|-----|--|---------|
| 814 | Term Loan, 9.75%, Maturing July 26, 2012 | 427,284 |
|-----|--|---------|

Metro-Goldwyn-Mayer Holdings, Inc.

| | | |
|-------|---|-----------|
| 2,244 | Term Loan, 0.00%, Maturing April 8, 2012 ⁽²⁾ | 1,451,700 |
|-------|---|-----------|

National CineMedia, LLC

| | | |
|-------|--|-----------|
| 1,900 | Term Loan, 2.01%, Maturing February 13, 2015 | 1,784,100 |
|-------|--|-----------|

Regal Cinemas Corp.

| | | |
|-------|--|-----------|
| 2,403 | Term Loan, 4.00%, Maturing November 10, 2010 | 2,399,458 |
|-------|--|-----------|

Revolution Studios Distribution Co., LLC

| | | |
|-----|--|---------|
| 531 | Term Loan, 3.99%, Maturing December 21, 2014 | 483,164 |
|-----|--|---------|

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Eaton Vance Senior Income Trust as of December 31, 2009

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* (000 s omitted) | Borrower/Tranche Description | Value |
|--|---|----------------------|
| Leisure Goods / Activities / Movies (continued) | | |
| 450 | Term Loan - Second Lien, 7.24%, Maturing June 21, 2015 | \$ 315,000 |
| Six Flags Theme Parks, Inc. | | |
| 675 | Term Loan, 2.49%, Maturing April 30, 2015 | 660,963 |
| Southwest Sports Group, LLC | | |
| 600 | Term Loan, 6.75%, Maturing December 22, 2010 | 502,500 |
| SW Acquisition Co., Inc. | | |
| 900 | Term Loan, 5.75%, Maturing May 31, 2016 | 906,300 |
| Universal City Development Partners, Ltd. | | |
| 1,250 | Term Loan, 6.50%, Maturing November 6, 2014 | 1,256,562 |
| Zuffa, LLC | | |
| 490 | Term Loan, 2.31%, Maturing June 20, 2016 | 443,609 |
| | | \$ 19,550,039 |
| Lodging and Casinos 3.4% | | |
| Ameristar Casinos, Inc. | | |
| 576 | Term Loan, 3.53%, Maturing November 10, 2012 | \$ 573,120 |
| Green Valley Ranch Gaming, LLC | | |
| 257 | Term Loan, 2.28%, Maturing February 16, 2014 | 179,884 |
| Harrah s Operating Co. | | |
| 1,589 | Term Loan, 3.28%, Maturing January 28, 2015 | 1,286,998 |

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| | | |
|---|---|---------------------|
| 1,000 | Term Loan, 9.50%, Maturing October 31, 2016 | 997,188 |
| Herbst Gaming, Inc. | | |
| 463 | Term Loan, 0.00%, Maturing December 2, 2011 ⁽²⁾ | 244,003 |
| 514 | Term Loan, 0.00%, Maturing December 2, 2011 ⁽²⁾ | 270,969 |
| LodgeNet Entertainment Corp. | | |
| 758 | Term Loan, 2.26%, Maturing April 4, 2014 | 693,999 |
| New World Gaming Partners, Ltd. | | |
| 532 | Term Loan, 2.79%, Maturing June 30, 2014 | 443,046 |
| 108 | Term Loan, 2.79%, Maturing June 30, 2014 | 89,737 |
| Penn National Gaming, Inc. | | |
| 388 | Term Loan, 1.99%, Maturing October 3, 2012 | 377,120 |
| Tropicana Entertainment, Inc. | | |
| 131 | Term Loan, 0.00%, Maturing December 29, 2012 ⁽⁴⁾ | 122,118 |
| Venetian Casino Resort/Las Vegas Sands, Inc. | | |
| 453 | Term Loan, 2.01%, Maturing May 14, 2014 | 398,081 |
| 1,794 | Term Loan, 2.01%, Maturing May 23, 2014 | 1,576,156 |
| VML US Finance, LLC | | |
| 202 | Term Loan, 4.76%, Maturing May 25, 2012 | 191,497 |
| 403 | Term Loan, 4.76%, Maturing May 25, 2013 | 382,995 |
| Wimar OpCo, LLC | | |
| 1,343 | Term Loan, 0.00%, Maturing January 3, 2012 ⁽²⁾ | 417,897 |
| | | \$ 8,244,808 |

Nonferrous Metals / Minerals 0.8%

Euramax International, Inc.

| | | |
|-----|--|------------|
| 165 | Term Loan, 10.00%, Maturing June 29, 2013 | \$ 111,175 |
| 165 | Term Loan, 14.00%, Maturing June 29, 2013 ⁽³⁾ | 110,850 |

Noranda Aluminum Acquisition

| | | |
|-----|---|---------|
| 184 | Term Loan, 2.23%, Maturing May 18, 2014 | 153,114 |
|-----|---|---------|

Novelis, Inc.

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| | | |
|--|--|---------------------|
| 328 | Term Loan, 2.24%, Maturing June 28, 2014 | 300,283 |
| 721 | Term Loan, 2.25%, Maturing June 28, 2014 | 660,649 |
| Oxbow Carbon and Mineral Holdings | | |
| 703 | Term Loan, 2.25%, Maturing May 8, 2014 | 667,194 |
| | | \$ 2,003,265 |
| | | |
| Oil and Gas | 3.4% | |
| Atlas Pipeline Partners, L.P. | | |
| 2,257 | Term Loan, 6.75%, Maturing July 20, 2014 | \$ 2,229,271 |
| Big West Oil, LLC | | |
| 174 | Term Loan, 4.50%, Maturing May 1, 2014 | 166,830 |
| 218 | Term Loan, 4.50%, Maturing May 1, 2014 | 209,730 |
| Dresser, Inc. | | |
| 485 | Term Loan, 2.52%, Maturing May 4, 2014 | 453,658 |
| 700 | Term Loan - Second Lien, 6.00%, Maturing May 4, 2015 | 659,750 |
| Dynegy Holdings, Inc. | | |
| 149 | Term Loan, 3.99%, Maturing April 2, 2013 | 143,114 |
| 1,850 | Term Loan, 3.99%, Maturing April 2, 2013 | 1,777,820 |
| Enterprise GP Holdings, L.P. | | |
| 588 | Term Loan, 2.51%, Maturing October 31, 2014 | 564,480 |
| Hercules Offshore, Inc. | | |
| 759 | Term Loan, 6.00%, Maturing July 6, 2013 | 728,058 |
| SemGroup Corp. | | |
| 500 | Term Loan, 7.16%, Maturing November 27, 2013 | 493,334 |
| Targa Resources, Inc. | | |
| 101 | Term Loan, 2.23%, Maturing October 31, 2012 | 101,214 |
| 66 | Term Loan, 2.25%, Maturing October 31, 2012 | 65,952 |
| 525 | Term Loan, Maturing June 4, 2017 ⁽⁷⁾ | 526,969 |

\$ 8,120,180

Publishing 7.2%

American Media Operations, Inc.

| | | |
|-----|--|------------|
| 949 | Term Loan, 10.00%, Maturing January 31, 2013 ⁽³⁾ | \$ 884,520 |
|-----|--|------------|

Aster Zweite Beteiligungs GmbH

| | | |
|-----|--|---------|
| 500 | Term Loan, 2.89%, Maturing September 27, 2013 | 465,833 |
|-----|--|---------|

| | | | |
|-----|-----|--|---------|
| EUR | 236 | Term Loan, 3.27%, Maturing September 27, 2013 | 324,168 |
|-----|-----|--|---------|

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Eaton Vance Senior Income Trust as of December 31, 2009

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* (000 s omitted) | Borrower/Tranche Description | Value |
|---|---|--------------|
| Publishing (continued) | | |
| GateHouse Media Operating, Inc. | | |
| 325 | Term Loan, 2.24%, Maturing August 28, 2014 | \$ 119,844 |
| 725 | Term Loan, 2.24%, Maturing August 28, 2014 | 267,344 |
| 350 | Term Loan, 2.49%, Maturing August 28, 2014 | 129,062 |
| Getty Images, Inc. | | |
| 1,498 | Term Loan, 6.25%, Maturing July 2, 2015 | 1,507,199 |
| Idearc, Inc. | | |
| 723 | Term Loan, 11.00%, Maturing December 31, 2015 | 723,142 |
| Laureate Education, Inc. | | |
| 246 | Term Loan, 3.53%, Maturing August 17, 2014 | 220,064 |
| 1,638 | Term Loan, 3.53%, Maturing August 17, 2014 | 1,466,622 |
| 499 | Term Loan, 7.00%, Maturing August 31, 2014 | 486,281 |
| Local Insight Regatta Holdings, Inc. | | |
| 817 | Term Loan, 7.75%, Maturing April 23, 2015 | 645,818 |
| MediaNews Group, Inc. | | |
| 379 | Term Loan, 4.73%, Maturing August 2, 2013 | 119,239 |
| Merrill Communications, LLC | | |
| 645 | Term Loan, 8.50%, Maturing December 24, 2012 | 516,725 |
| Nelson Education, Ltd. | | |
| 244 | Term Loan, 2.75%, Maturing July 5, 2014 | 217,494 |
| Nielsen Finance, LLC | | |
| 2,272 | Term Loan, 2.23%, Maturing August 9, 2013 | 2,131,035 |

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| | | | |
|--|-------|--|----------------------|
| | 995 | Term Loan, 3.98%, Maturing May 1, 2016 | 941,092 |
| PagesJaunes Group, SA | | | |
| EUR | 500 | Term Loan, 4.96%, Maturing April 10, 2016 | 438,257 |
| Philadelphia Newspapers, LLC | | | |
| | 378 | Term Loan, 0.00%, Maturing June 29, 2013 ⁽²⁾ | 75,528 |
| Reader s Digest Association, Inc. (The) | | | |
| | 567 | DIP Loan, 13.50%, Maturing August 21, 2010 | 591,881 |
| | 507 | Revolving Loan, 4.53%, Maturing March 3, 2014 | 261,591 |
| | 2,041 | Term Loan, 4.23%, Maturing March 3, 2014 | 1,053,463 |
| | 182 | Term Loan, 7.00%, Maturing March 3, 2014 | 93,813 |
| SGS International, Inc. | | | |
| | 315 | Term Loan, 2.79%, Maturing December 30, 2011 | 303,056 |
| Source Media, Inc. | | | |
| | 544 | Term Loan, 5.26%, Maturing November 8, 2011 | 470,897 |
| Tribune Co. | | | |
| | 790 | Term Loan, 0.00%, Maturing April 10, 2010 ⁽²⁾ | 451,555 |
| | 497 | Term Loan, 0.00%, Maturing May 17, 2014 ⁽²⁾ | 258,072 |
| | 1,083 | Term Loan, 0.00%, Maturing May 17, 2014 ⁽²⁾ | 629,665 |
| Xsys, Inc. | | | |
| | 605 | Term Loan, 2.89%, Maturing September 27, 2013 | 563,774 |
| EUR | 264 | Term Loan, 3.27%, Maturing September 27, 2013 | 362,144 |
| | 618 | Term Loan, 2.89%, Maturing September 27, 2014 | 575,851 |
| | | | \$ 17,295,029 |

Radio and Television 5.7%

Block Communications, Inc.

| | | | |
|--|-----|--|------------|
| | 432 | Term Loan, 2.28%, Maturing December 22, 2011 | \$ 403,920 |
|--|-----|--|------------|

CMP KC, LLC

| | | | |
|--|-----|---|---------|
| | 477 | Term Loan, 6.25%, Maturing May 5, 2013 ⁽⁵⁾ | 136,854 |
|--|-----|---|---------|

| | | |
|---------------------------------------|--|-----------|
| CMP Susquehanna Corp. | | |
| 896 | Term Loan, 2.25%, Maturing May 5, 2013 | 665,424 |
| Discovery Communications, Inc. | | |
| 993 | Term Loan, 5.25%, Maturing May 14, 2014 | 1,004,286 |
| Emmis Operating Co. | | |
| 413 | Term Loan, 4.25%, Maturing November 2, 2013 | 336,152 |
| Gray Television, Inc. | | |
| 593 | Term Loan, 3.79%, Maturing January 19, 2015 | 518,815 |
| HIT Entertainment, Inc. | | |
| 586 | Term Loan, 2.53%, Maturing March 20, 2012 | 505,103 |
| Intelsat Corp. | | |
| 1,423 | Term Loan, 2.73%, Maturing January 3, 2014 | 1,344,653 |
| 1,423 | Term Loan, 2.73%, Maturing January 3, 2014 | 1,344,653 |
| 1,424 | Term Loan, 2.73%, Maturing January 3, 2014 | 1,345,063 |
| Ion Media Networks, Inc. | | |
| 179 | DIP Loan, 15.00%, Maturing May 29, 2010 ⁽⁵⁾ | 282,055 |
| 1,350 | Term Loan, 0.00%, Maturing January 15, 2012 ⁽²⁾ | 367,875 |
| NEP II, Inc. | | |
| 309 | Term Loan, 2.49%, Maturing February 16, 2014 | 285,415 |
| Nexstar Broadcasting, Inc. | | |
| 887 | Term Loan, 5.00%, Maturing October 1, 2012 | 834,090 |
| 939 | Term Loan, 5.00%, Maturing October 1, 2012 | 882,278 |
| Raycom TV Broadcasting, LLC | | |
| 775 | Term Loan, 1.75%, Maturing June 25, 2014 | 643,250 |
| SFX Entertainment | | |
| 465 | Term Loan, 3.50%, Maturing June 21, 2013 | 449,061 |
| Sirius Satellite Radio, Inc. | | |
| 245 | Term Loan, 2.56%, Maturing December 19, 2012 | 230,555 |
| Univision Communications, Inc. | | |
| 1,700 | Term Loan, 2.50%, Maturing September 29, 2014 | 1,483,250 |
| Young Broadcasting, Inc. | | |
| 860 | Term Loan, 0.00%, Maturing November 3, 2012 ⁽²⁾ | 646,335 |

\$ 13,709,087

Rail Industries 0.4%

Kansas City Southern Railway Co.

987 Term Loan, 2.02%, Maturing April 26,
2013 \$ 922,542

\$ 922,542

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Eaton Vance Senior Income Trust as of December 31, 2009

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* (000 s omitted) | Borrower/Tranche Description | Value |
|---|---|--------------|
| | Retailers (Except Food and Drug) 4.2% | |
| | American Achievement Corp. | |
| 78 | Term Loan, 6.29%, Maturing March 25, 2011 | \$ 74,551 |
| | Amscan Holdings, Inc. | |
| 292 | Term Loan, 2.50%, Maturing May 25, 2013 | 264,398 |
| | Cumberland Farms, Inc. | |
| 821 | Term Loan, 3.87%, Maturing September 29, 2013 | 751,534 |
| | Harbor Freight Tools USA, Inc. | |
| 867 | Term Loan, 9.75%, Maturing July 15, 2010 | 870,340 |
| | Jostens Corp. | |
| 880 | Term Loan, 2.23%, Maturing October 4, 2011 | 862,552 |
| | Mapco Express, Inc. | |
| 162 | Term Loan, 6.50%, Maturing April 28, 2011 | 152,419 |
| | Neiman Marcus Group, Inc. | |
| 984 | Term Loan, 2.26%, Maturing April 5, 2013 | 894,392 |
| | Orbitz Worldwide, Inc. | |
| 1,598 | Term Loan, 3.24%, Maturing July 25, 2014 | 1,472,376 |
| | Oriental Trading Co., Inc. | |
| 845 | Term Loan, 9.75%, Maturing July 31, 2013 | 696,606 |
| 700 | Term Loan - Second Lien, 6.24%, Maturing January 31, 2013 | 187,250 |
| | Pilot Travel Centers, LLC | |
| 575 | Term Loan, Maturing November 24, 2015 ⁽⁷⁾ | 579,453 |
| | Rent-A-Center, Inc. | |
| 23 | Term Loan, 2.00%, Maturing November 15, 2012 | 22,044 |

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| | | |
|--|---|---------------------|
| 407 | Term Loan, 3.26%, Maturing May 31, 2015 | 395,009 |
| Rover Acquisition Corp. | | |
| 1,116 | Term Loan, 2.50%, Maturing October 26, 2013 | 1,063,908 |
| Savers, Inc. | | |
| 172 | Term Loan, 2.99%, Maturing August 11, 2012 | 163,574 |
| 194 | Term Loan, 2.99%, Maturing August 11, 2012 | 184,252 |
| Yankee Candle Company, Inc. (The) | | |
| 1,419 | Term Loan, 2.24%, Maturing February 6, 2014 | 1,332,858 |
| | | \$ 9,967,516 |

Steel 0.2%

Niagara Corp.

| | | |
|-----|--|-------------------|
| 538 | Term Loan, 9.25%, Maturing June 29, 2014 | \$ 354,833 |
| | | \$ 354,833 |

Surface Transport 0.7%

Oshkosh Truck Corp.

| | | |
|-----|---|------------|
| 730 | Term Loan, 6.27%, Maturing December 6, 2013 | \$ 731,174 |
|-----|---|------------|

Swift Transportation Co., Inc.

| | | |
|-----|---|---------------------|
| 997 | Term Loan, 8.25%, Maturing May 10, 2014 | 908,201 |
| | | \$ 1,639,375 |

Telecommunications 2.8%

Alaska Communications Systems Holdings, Inc.

| | | |
|-----|---|------------|
| 528 | Term Loan, 2.00%, Maturing February 1, 2012 | \$ 500,738 |
|-----|---|------------|

Asurion Corp.

| | | |
|-----|---|---------|
| 773 | Term Loan, 3.24%, Maturing July 13, 2012 | 741,979 |
| 500 | Term Loan - Second Lien, 6.73%, Maturing January 13, 2013 | 486,563 |

CommScope, Inc.

| | | |
|-------|--|---------|
| 1,011 | Term Loan, 2.75%, Maturing November 19, 2014 | 987,024 |
|-------|--|---------|

Intelsat Subsidiary Holding Co.

| | | |
|-----|---|---------|
| 509 | Term Loan, 2.73%, Maturing July 3, 2013 | 486,546 |
|-----|---|---------|

Macquarie UK Broadcast Ventures, Ltd.

| | | |
|---------|--|---------|
| GBP 414 | Term Loan, 2.52%, Maturing December 26, 2014 | 577,826 |
|---------|--|---------|

NTelos, Inc.

| | | |
|-----|--|-----------|
| 998 | Term Loan, 5.75%, Maturing August 13, 2015 | 1,006,228 |
|-----|--|-----------|

Palm, Inc.

| | | |
|-----|---|---------|
| 415 | Term Loan, 3.76%, Maturing April 24, 2014 | 360,911 |
|-----|---|---------|

Stratos Global Corp.

| | | |
|-----|--|---------|
| 535 | Term Loan, 2.75%, Maturing February 13, 2012 | 525,392 |
|-----|--|---------|

Trilogy International Partners

| | | |
|-----|--|---------|
| 475 | Term Loan, 3.75%, Maturing June 29, 2012 | 406,125 |
|-----|--|---------|

Windstream Corp.

| | | |
|-----|--|---------|
| 635 | Term Loan, 3.00%, Maturing December 17, 2015 | 620,725 |
|-----|--|---------|

\$ 6,700,057

Utilities 4.0%

AEI Finance Holding, LLC

| | | |
|-----|--|------------|
| 145 | Revolving Loan, 3.23%, Maturing March 30, 2012 | \$ 133,244 |
| 987 | Term Loan, 3.25%, Maturing March 30, 2014 | 906,568 |

Astoria Generating Co.

| | | |
|-----|--|---------|
| 625 | Term Loan - Second Lien, 4.01%, Maturing August 23, 2013 | 582,552 |
|-----|--|---------|

Calpine Corp.

| | | |
|-------|--|-----------|
| 2,980 | DIP Loan, 3.14%, Maturing March 29, 2014 | 2,825,325 |
|-------|--|-----------|

NRG Energy, Inc.

| | | |
|-------|---|-----------|
| 1,410 | Term Loan, 2.00%, Maturing June 1, 2014 | 1,344,693 |
|-------|---|-----------|

| | | |
|-----|--|---------|
| 831 | Term Loan, 2.00%, Maturing June 1, 2014 | 792,380 |
|-----|--|---------|

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Eaton Vance Senior Income Trust as of December 31, 2009

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* (000 s omitted) | Borrower/Tranche Description | Value |
|---|--|-----------------------|
| Utilities (continued) | | |
| Pike Electric, Inc. | | |
| 90 | Term Loan, 1.75%, Maturing July 1, 2012 | \$ 83,491 |
| 153 | Term Loan, 1.75%, Maturing December 10, 2012 | 142,576 |
| TXU Texas Competitive Electric Holdings Co., LLC | | |
| 934 | Term Loan, 3.73%, Maturing October 10, 2014 | 762,665 |
| 1,800 | Term Loan, 3.73%, Maturing October 10, 2014 | 1,456,884 |
| Vulcan Energy Corp. | | |
| 519 | Term Loan, 5.50%, Maturing December 31, 2015 | 522,480 |
| | | \$ 9,552,858 |
| Total Senior Floating-Rate Interests (identified cost \$348,798,157) | | \$ 322,768,997 |

Corporate Bonds & Notes 12.3%

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

Aerospace and Defense 0.1%

Alion Science and Technologies Corp.

75 10.25%, 2/1/15 \$ 57,750

Bombardier, Inc.

70 8.00%, 11/15/14⁽⁸⁾ 73,063

\$ 130,813

Air Transport 0.0%

Continental Airlines

72 7.033%, 6/15/11 \$ 67,981

\$ 67,981

Automotive 0.4%

Allison Transmission, Inc.

25 11.00%, 11/1/15⁽⁸⁾ \$ 26,375

665 11.25%, 11/1/15⁽³⁾⁽⁸⁾ 698,250

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

85 9.25%, 1/15/17⁽⁸⁾ 86,700

Commercial Vehicle Group, Inc., Sr. Notes

55 8.00%, 7/1/13 33,000

United Components, Inc., Sr. Sub. Notes

65 9.375%, 6/15/13 63,050

\$ 907,375

Broadcast Radio and Television 0.3%

LBI Media, Inc., Sr. Disc. Notes

80 11.00%, 10/15/13 \$ 59,700

Rainbow National Services, LLC, Sr. Sub. Notes

80 10.375%, 9/1/14⁽⁸⁾ 84,800

XM Satellite Radio Holdings, Inc., Sr. Notes

450 13.00%, 8/1/14⁽⁸⁾ 491,062

\$ 635,562

Building and Development 0.5%

Grohe Holding GmbH, Variable Rate

EUR 1,000 3.617%, 1/15/14⁽⁹⁾ \$ 1,225,685

Interface, Inc., Sr. Sub. Notes

20 9.50%, 2/1/14 19,775

Texas Industries, Inc., Sr. Notes

65 7.25%, 7/15/13⁽⁸⁾ 64,188

\$ 1,309,648

Business Equipment and Services 0.7%

Affinion Group, Inc.

40 10.125%, 10/15/13 \$ 41,300

110 11.50%, 10/15/15 115,775

Education Management, LLC, Sr. Notes

210 8.75%, 6/1/14 217,875

Education Management, LLC, Sr. Sub. Notes

46 10.25%, 6/1/16 49,450

MediMedia USA, Inc., Sr. Sub. Notes

90 11.375%, 11/15/14⁽⁸⁾ 76,050

Muzak, LLC/Muzak Finance, Sr. Notes

20 10.00%, 12/31/09⁽²⁾ 8,600

SunGard Data Systems, Inc., Sr. Notes

900 10.625%, 5/15/15⁽⁸⁾ 995,625

Ticketmaster Entertainment, Inc.

105 10.75%, 8/1/16 113,662

West Corp.

150 9.50%, 10/15/14 153,000

\$ 1,771,337

Cable and Satellite Television 0.1%

CCO Holdings, LLC/CCO Capital Corp., Sr. Notes

75 8.75%, 11/15/13⁽²⁾ \$ 77,344

Charter Communications, Inc., Sr. Notes

10 8.375%, 4/30/14⁽²⁾⁽⁸⁾ 10,325

100 10.875%, 9/14/14⁽²⁾⁽⁸⁾ 112,500

See notes to financial statements

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Eaton Vance Senior Income Trust as of December 31, 2009

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* (000 s omitted) | Security | Value |
|--|-------------------------------|-------------------|
| Cable and Satellite Television (continued) | | |
| Kabel Deutschland GmbH | | |
| 135 | 10.625%, 7/1/14 | \$ 141,750 |
| | | \$ 341,919 |
| Chemicals and Plastics 0.2% | | |
| INEOS Group Holdings PLC, Sr. Sub. Notes | | |
| 180 | 8.50%, 2/15/16 ⁽⁸⁾ | \$ 121,950 |
| Reichhold Industries, Inc., Sr. Notes | | |
| 240 | 9.00%, 8/15/14 ⁽⁸⁾ | 202,800 |
| Wellman Holdings, Inc., Sr. Sub. Notes | | |
| 179 | 5.00%, 1/29/19 ⁽⁵⁾ | 65,872 |
| | | \$ 390,622 |
| Clothing / Textiles 0.2% | | |
| Levi Strauss & Co., Sr. Notes | | |
| 150 | 9.75%, 1/15/15 | \$ 158,250 |
| 40 | 8.875%, 4/1/16 | 42,050 |
| Perry Ellis International, Inc., Sr. Sub. Notes | | |
| 255 | 8.875%, 9/15/13 | 255,000 |
| | | \$ 455,300 |

Conglomerates 0.1%

RBS Global & Rexnord Corp.

| | | | |
|----|------------------------------|----|----------------|
| 87 | 9.50%, 8/1/14 ⁽⁸⁾ | \$ | 87,653 |
| 90 | 11.75%, 8/1/16 | | 89,550 |
| | | \$ | 177,203 |

Containers and Glass Products 0.3%

Berry Plastics Corp., Sr. Notes, Variable Rate

| | | | |
|-----|-----------------|----|---------|
| 500 | 5.034%, 2/15/15 | \$ | 459,375 |
|-----|-----------------|----|---------|

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

| | | | |
|-----|---------------|--|---------|
| 175 | 8.50%, 8/1/14 | | 150,719 |
|-----|---------------|--|---------|

\$ **610,094**

Cosmetics / Toiletries 0.1%

Revlon Consumer Products Corp.

| | | | |
|-----|--------------------------------|----|---------|
| 165 | 9.75%, 11/15/15 ⁽⁸⁾ | \$ | 171,188 |
|-----|--------------------------------|----|---------|

\$ **171,188**

Ecological Services and Equipment 0.1%

Waste Services, Inc., Sr. Sub. Notes

| | | | |
|-----|----------------|----|---------|
| 245 | 9.50%, 4/15/14 | \$ | 257,250 |
|-----|----------------|----|---------|

\$ **257,250**

Electronics / Electrical 0.2%

Amkor Technologies, Inc., Sr. Notes

95 9.25%, 6/1/16 \$ 101,412

Avago Technologies Finance

115 11.875%, 12/1/15 127,219

Ceridian Corp., Sr. Notes

25 11.25%, 11/15/15 23,969

NXP BV/NXP Funding, LLC, Variable Rate

425 3.034%, 10/15/13 354,344

\$ 606,944

Equipment Leasing 0.0%

Hertz Corp.

50 8.875%, 1/1/14 \$ 51,375

45 10.50%, 1/1/16 48,263

\$ 99,638

Financial Intermediaries 0.1%

Ford Motor Credit Co., Sr. Notes

160 8.00%, 12/15/16 \$ 160,423

\$ 160,423

Food Products 0.6%

ASG Consolidated, LLC/ASG Finance, Inc., Sr. Disc. Notes

290 11.50%, 11/1/11 \$ 292,175

Smithfield Foods, Inc., Sr. Notes

1,000 10.00%, 7/15/14⁽⁸⁾ 1,090,000

\$ 1,382,175

Food Service 0.1%

El Pollo Loco, Inc.

145 11.75%, 11/15/13

\$ 132,675

NPC International, Inc., Sr. Sub. Notes

175 9.50%, 5/1/14

174,125

\$ 306,800

See notes to financial statements

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Eaton Vance Senior Income Trust as of December 31, 2009

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* (000 s omitted) | Security | Value |
|--|---|---------------------|
| | Food / Drug Retailers 0.2% | |
| | General Nutrition Center, Sr. Notes, Variable Rate | |
| 365 | 5.178%, 3/15/14 ⁽³⁾ | \$ 342,187 |
| | General Nutrition Center, Sr. Sub. Notes | |
| 210 | 10.75%, 3/15/15 | 214,725 |
| | | \$ 556,912 |
| | Forest Products 0.5% | |
| | NewPage Corp., Sr. Notes | |
| 1,000 | 11.375%, 12/31/14 ⁽⁸⁾ | \$ 1,015,000 |
| | Verso Paper Holdings, LLC/Verso Paper, Inc. | |
| 120 | 11.375%, 8/1/16 | 97,200 |
| | | \$ 1,112,200 |
| | Health Care 0.7% | |
| | Accellent, Inc. | |
| 150 | 10.50%, 12/1/13 | \$ 145,125 |
| | AMR HoldCo, Inc./EmCare HoldCo, Inc., Sr. Sub. Notes | |
| 170 | 10.00%, 2/15/15 | 179,350 |
| | Biomet, Inc. | |
| 335 | 11.625%, 10/15/17 | 371,850 |
| | DJO Finance, LLC/DJO Finance Corp. | |
| 95 | 10.875%, 11/15/14 | 100,700 |
| | HCA, Inc. | |

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| | | |
|--|---------------------------------|---------------------|
| 65 | 9.25%, 11/15/16 | 69,956 |
| MultiPlan, Inc., Sr. Sub. Notes | | |
| 260 | 10.375%, 4/15/16 ⁽⁸⁾ | 254,800 |
| National Mentor Holdings, Inc. | | |
| 155 | 11.25%, 7/1/14 | 158,875 |
| Res-Care, Inc., Sr. Notes | | |
| 105 | 7.75%, 10/15/13 | 105,000 |
| US Oncology, Inc. | | |
| 290 | 10.75%, 8/15/14 | 305,950 |
| | | \$ 1,691,606 |

Industrial Equipment 0.1%

| | | |
|---|---------------------------------|-------------------|
| Chart Industries, Inc., Sr. Sub. Notes | | |
| 105 | 9.125%, 10/15/15 | \$ 105,525 |
| ESCO Corp., Sr. Notes | | |
| 80 | 8.625%, 12/15/13 ⁽⁸⁾ | 80,000 |
| | | \$ 185,525 |

Insurance 0.1%

| | | |
|--|---------------------------------|-------------------|
| Alliant Holdings I, Inc. | | |
| 55 | 11.00%, 5/1/15 ⁽⁸⁾ | \$ 55,412 |
| Hub International Holdings, Inc. | | |
| 70 | 9.00%, 12/15/14 ⁽⁸⁾ | 67,200 |
| U.S.I. Holdings Corp., Sr. Notes, Variable Rate | | |
| 50 | 4.148%, 11/15/14 ⁽⁸⁾ | 41,313 |
| | | \$ 163,925 |

Leisure Goods / Activities / Movies 0.3%

| | | |
|---|------------------------------------|------------|
| AMC Entertainment, Inc. | | |
| 350 | 11.00%, 2/1/16 | \$ 367,500 |
| HRP Myrtle Beach Operations, LLC/HRP Myrtle Beach Capital Corp., Variable Rate | | |
| 195 | 0.00%, 4/1/12 ⁽²⁾⁽⁵⁾⁽⁸⁾ | 0 |
| HRP Myrtle Beach Operations, LLC/HRP Myrtle Beach Capital Corp. | | |

| | | |
|--|-------------------------------------|-------------------|
| 105 | 12.50%, 4/1/13 ⁽²⁾⁽⁵⁾⁽⁸⁾ | 0 |
| Marquee Holdings, Inc., Sr. Disc. Notes | | |
| 335 | 9.505%, 8/15/14 | 280,144 |
| Royal Caribbean Cruises, Sr. Notes | | |
| 50 | 7.00%, 6/15/13 | 50,125 |
| 20 | 6.875%, 12/1/13 | 19,750 |
| 10 | 7.25%, 6/15/16 | 9,712 |
| 20 | 7.25%, 3/15/18 | 18,525 |
| | | |
| | | \$ 745,756 |

Lodging and Casinos 1.0%

| | | |
|---|------------------------------------|-----------|
| Buffalo Thunder Development Authority | | |
| 265 | 9.375%, 12/15/14 ⁽²⁾⁽⁸⁾ | \$ 47,700 |
| CCM Merger, Inc. | | |
| 180 | 8.00%, 8/1/13 ⁽⁸⁾ | 146,925 |
| Chukchansi EDA, Sr. Notes, Variable Rate | | |
| 150 | 4.024%, 11/15/12 ⁽⁸⁾ | 105,750 |
| Eldorado Casino Shreveport | | |
| 44 | 10.00%, 8/1/12 ⁽³⁾⁽⁵⁾ | 38,763 |
| Fontainebleau Las Vegas Casino, LLC | | |
| 255 | 10.25%, 6/15/15 ⁽²⁾⁽⁸⁾ | 3,825 |
| Greektown Holdings, LLC, Sr. Notes | | |
| 60 | 10.75%, 12/1/13 ⁽²⁾⁽⁸⁾ | 9,375 |
| Indianapolis Downs, LLC & Capital Corp., Sr. Notes | | |
| 60 | 11.00%, 11/1/12 ⁽⁸⁾ | 39,300 |
| Inn of the Mountain Gods, Sr. Notes | | |
| 270 | 12.00%, 11/15/10 ⁽²⁾ | 113,063 |
| Majestic HoldCo, LLC | | |
| 75 | 12.50%, 10/15/11 ⁽²⁾⁽⁸⁾ | 235 |

See notes to financial statements

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Eaton Vance Senior Income Trust as of December 31, 2009

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* (000 s omitted) | Security | Value |
|--|-----------------------------------|---------------------|
| Lodging and Casinos (continued) | | |
| Mohegan Tribal Gaming Authority, Sr. Sub. Notes | | |
| 85 | 8.00%, 4/1/12 | \$ 72,781 |
| 120 | 7.125%, 8/15/14 | 82,350 |
| 115 | 6.875%, 2/15/15 | 75,325 |
| Park Place Entertainment | | |
| 190 | 7.875%, 3/15/10 | 190,000 |
| Peninsula Gaming, LLC | | |
| 1,000 | 10.75%, 8/15/17 ⁽⁸⁾ | 1,010,000 |
| Pinnacle Entertainment, Inc., Sr. Sub. Notes | | |
| 35 | 7.50%, 6/15/15 | 32,375 |
| Pokagon Gaming Authority, Sr. Notes | | |
| 56 | 10.375%, 6/15/14 ⁽⁸⁾ | 58,520 |
| San Pasqual Casino | | |
| 55 | 8.00%, 9/15/13 ⁽⁸⁾ | 51,700 |
| Seminole Hard Rock Entertainment, Variable Rate | | |
| 95 | 2.75%, 3/15/14 ⁽⁸⁾ | 78,731 |
| Tunica-Biloxi Gaming Authority, Sr. Notes | | |
| 165 | 9.00%, 11/15/15 ⁽⁸⁾ | 149,531 |
| Waterford Gaming, LLC, Sr. Notes | | |
| 146 | 8.625%, 9/15/14 ⁽⁵⁾⁽⁸⁾ | 116,537 |
| | | \$ 2,422,786 |
| Machinery 0.5% | | |
| Terex Corp., Sr. Notes | | |
| 1,000 | 10.875%, 6/1/16 | \$ 1,120,000 |
| | | \$ 1,120,000 |

Nonferrous Metals / Minerals 0.3%

FMG Finance PTY, Ltd.

355 10.625%, 9/1/16⁽⁸⁾ \$ 394,494

Teck Resources, Ltd., Sr. Notes

330 10.75%, 5/15/19 396,000

\$ 790,494

Oil and Gas 0.7%

Allis-Chalmers Energy, Inc., Sr. Notes

100 9.00%, 1/15/14 \$ 96,000

Clayton Williams Energy, Inc.

95 7.75%, 8/1/13 84,075

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

330 8.50%, 12/15/19⁽⁸⁾ 338,250

Compton Pet Finance Corp.

195 7.625%, 12/1/13 156,487

Denbury Resources, Inc., Sr. Sub. Notes

30 7.50%, 12/15/15 30,075

El Paso Corp., Sr. Notes

130 9.625%, 5/15/12 134,813

Forbes Energy Services, Sr. Notes

165 11.00%, 2/15/15 154,275

OPTI Canada, Inc., Sr. Notes

50 7.875%, 12/15/14 41,250

95 8.25%, 12/15/14 78,731

Petroleum Development Corp., Sr. Notes

65 12.00%, 2/15/18 67,356

Petroplus Finance, Ltd.

125 7.00%, 5/1/17⁽⁸⁾ 113,125

Quicksilver Resources, Inc.

155 7.125%, 4/1/16 145,313

SandRidge Energy, Inc., Sr. Notes

30 8.00%, 6/1/18⁽⁸⁾ 29,625

SESI, LLC, Sr. Notes

30 6.875%, 6/1/14 29,700

Stewart & Stevenson, LLC, Sr. Notes

120 10.00%, 7/15/14 112,200

\$ 1,611,275

Publishing 0.8%

Dex Media West/Finance, Series B

97 9.875%, 8/15/13⁽²⁾ \$ 30,798

Laureate Education, Inc.

1,045 10.00%, 8/15/15⁽⁸⁾ 1,060,675

544 10.25%, 8/15/15⁽³⁾⁽⁸⁾ 515,871

Local Insight Regatta Holdings, Inc.

50 11.00%, 12/1/17 32,500

Nielsen Finance, LLC

265 10.00%, 8/1/14 277,587

40 12.50% (0.00% until 2011), 8/1/16 36,700

Reader s Digest Association, Inc. (The), Sr. Sub. Notes

245 9.00%, 2/15/17⁽²⁾ 3,981

\$ 1,958,112

Rail Industries 0.2%

American Railcar Industry, Sr. Notes

100 7.50%, 3/1/14 \$ 93,875

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Eaton Vance Senior Income Trust as of December 31, 2009

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

| Principal Amount* (000 s omitted) | Security | Value |
|---|--------------------------------|---------------------|
| Rail Industries (continued) | | |
| Kansas City Southern Mexico, Sr. Notes | | |
| 155 | 7.625%, 12/1/13 | \$ 153,450 |
| 100 | 7.375%, 6/1/14 | 98,000 |
| 105 | 8.00%, 6/1/15 | 109,331 |
| | | \$ 454,656 |
| Retailers (Except Food and Drug) 1.8% | | |
| Amscan Holdings, Inc., Sr. Sub. Notes | | |
| 220 | 8.75%, 5/1/14 | \$ 217,800 |
| Neiman Marcus Group, Inc. | | |
| 1,505 | 9.00%, 10/15/15 | 1,478,310 |
| 320 | 10.375%, 10/15/15 | 315,200 |
| Sally Holdings, LLC | | |
| 665 | 9.25%, 11/15/14 | 693,262 |
| Sally Holdings, LLC, Sr. Notes | | |
| 245 | 10.50%, 11/15/16 | 264,600 |
| Toys R Us | | |
| 1,000 | 10.75%, 7/15/17 ⁽⁸⁾ | 1,100,000 |
| Yankee Acquisition Corp., Series B | | |
| 215 | 8.50%, 2/15/15 | 214,463 |
| | | \$ 4,283,635 |
| Steel 0.0% | | |

RathGibson, Inc., Sr. Notes

240 11.25%, 2/15/14⁽²⁾ \$ 78,300

\$ 78,300

Surface Transport 0.0%

CEVA Group, PLC, Sr. Notes

110 10.00%, 9/1/14⁽⁸⁾ \$ 105,050

\$ 105,050

Telecommunications 0.9%

Digicel Group, Ltd., Sr. Notes

312 9.125%, 1/15/15⁽⁸⁾ \$ 308,880

Intelsat Bermuda, Ltd.

900 11.25%, 6/15/16 978,750

NII Capital Corp.

330 10.00%, 8/15/16⁽⁸⁾ 347,325

Qwest Corp., Sr. Notes, Variable Rate

475 3.549%, 6/15/13 459,562

\$ 2,094,517

Utilities 0.1%

AES Corp., Sr. Notes

8 8.75%, 5/15/13⁽⁸⁾ \$ 8,240

NGC Corp.

205 7.625%, 10/15/26 142,475

NRG Energy, Inc.

85 7.25%, 2/1/14 86,275

Reliant Energy, Inc., Sr. Notes

10 7.625%, 6/15/14 9,950

\$ \$246,940

Total Corporate Bonds & Notes
(identified cost \$30,923,281) **\$ 29,403,961**

Asset-Backed Securities 1.0%

**Principal
Amount**

| (000 s omitted) | Security | Value |
|------------------------|--|--------------|
| \$ 372 | Alzette European CLO SA, Series 2004-1A, Class E2, 6.753%, 12/15/20 ⁽¹⁰⁾ | \$ 37,174 |
| 318 | Avalon Capital Ltd. 3, Series 1A, Class D, 2.212%, 2/24/19 ⁽⁸⁾⁽¹⁰⁾ | 201,016 |
| 376 | Babson Ltd., Series 2005-1A, Class C1, 2.201%, 4/15/19 ⁽⁸⁾⁽¹⁰⁾ | 263,737 |
| 500 | Bryant Park CDO Ltd., Series 2005-1A, Class C, 2.301%, 1/15/19 ⁽⁸⁾⁽¹⁰⁾ | 79,000 |
| 500 | Carlyle High Yield Partners, Series 2004-6A, Class C, 2.723%, 8/11/16 ⁽⁸⁾⁽¹⁰⁾ | 219,050 |
| 492 | Centurion CDO 8 Ltd., Series 2005-8A, Class D, 5.757%, 3/8/17 ⁽¹⁰⁾ | 296,023 |
| 500 | Centurion CDO 9 Ltd., Series 2005-9A, Class D1, 5.034%, 7/17/19 ⁽¹⁰⁾ | 237,450 |
| 1,000 | Madison Park Funding Ltd., Series 2006-2A, Class D, 5.001%, 3/25/20 ⁽⁸⁾⁽¹⁰⁾ | 569,000 |
| 1,000 | Schiller Park CLO Ltd., Series 2007-1A, Class D, 2.032%, 4/25/21 ⁽⁸⁾⁽¹⁰⁾ | 525,200 |

Total Asset-Backed Securities
(identified cost \$5,027,437) **\$ 2,427,650**

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Eaton Vance Senior Income Trust as of December 31, 2009

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

Common Stocks 0.2%

| Shares | Security | Value |
|-----------------|---|-------------------|
| Automotive 0.1% | | |
| 10,159 | Dayco Products ⁽¹¹⁾ | \$ 132,067 |
| 10,443 | Hayes Lemmerz International, Inc. ⁽¹¹⁾ | 0 |
| | | \$ 132,067 |

Building and Development 0.1%

| | | |
|--------|--|-------------------|
| 131 | Panolam Holdings Co. ⁽¹¹⁾ | \$ 71,984 |
| 25,823 | Sanitec Europe OY B Units ⁽⁵⁾⁽¹¹⁾ | 40,350 |
| 25,823 | Sanitec Europe OY E Units ⁽⁵⁾⁽¹¹⁾ | 0 |
| 277 | United Subcontractors, Inc. ⁽⁵⁾⁽¹¹⁾ | 22,323 |
| | | \$ 134,657 |

Chemicals and Plastics 0.0%

| | | |
|-----|---|------------------|
| 175 | Wellman Holdings, Inc. ⁽⁵⁾⁽¹¹⁾ | \$ 62,841 |
| | | \$ 62,841 |

Food Service 0.0%

| | | |
|--------|-------------------------------|-----------|
| 12,234 | Buffets, Inc. ⁽¹¹⁾ | \$ 67,287 |
|--------|-------------------------------|-----------|

| | | | |
|--|---|----|----------------|
| | | \$ | 67,287 |
| Lodging and Casinos 0.0% | | | |
| 289 | Shreveport Gaming Holdings, Inc. ⁽⁵⁾ | \$ | 5,202 |
| | | \$ | 5,202 |
| Nonferrous Metals / Minerals 0.0% | | | |
| 468 | Euramax International, Inc. ⁽⁵⁾⁽¹¹⁾ | \$ | 0 |
| | | \$ | 0 |
| Oil and Gas 0.0% | | | |
| 750 | SemGroup Corp. ⁽¹¹⁾ | \$ | 18,000 |
| | | \$ | 18,000 |
| Publishing 0.0% | | | |
| 3,353 | SuperMedia, Inc. ⁽¹¹⁾ | \$ | 117,353 |
| | | \$ | 117,353 |
| Total Common Stocks (identified cost \$735,823) | | \$ | 537,407 |

Preferred Stocks 0.0%

| Shares | Security | Value |
|---|--|-------------------|
| Automotive 0.0% | | |
| 35 | Hayes Lemmerz International, Series A, Convertible ⁽¹¹⁾⁽¹²⁾ | \$ 0 |
| | | \$ 0 |
| Chemicals and Plastics 0.0% | | |
| 15 | Key Plastics, LLC, Series A ⁽⁵⁾⁽¹¹⁾⁽¹²⁾ | \$ 0 |
| | | \$ 0 |
| Telecommunication Services 0.0% | | |
| 1,783 | Crown Castle International Corp., Convertible ⁽³⁾ | \$ 103,525 |
| | | \$ 103,525 |
| Total Preferred Stocks (identified cost \$99,233) | | \$ 103,525 |

Warrants 0.0%

| Shares | Security | Value |
|---------------|-----------------------------------|--------------|
| 789 | SemGroup Corp. ⁽⁵⁾⁽¹¹⁾ | \$ 8 |

| | | |
|--------------------------------------|----|---|
| Total Warrants (identified cost \$8) | \$ | 8 |
|--------------------------------------|----|---|

Closed-End Investment Companies 2.3%

| Shares | Security | Value |
|--|--|---------------------|
| 17,436 | BlackRock Floating Rate Income Strategies Fund, Inc. | \$ 248,114 |
| 9,908 | BlackRock Floating Rate Income Strategies Fund II, Inc. | 136,037 |
| 8,345 | BlackRock Global Floating Rate Income Trust | 116,496 |
| 1,174 | First Trust/Four Corners Senior Floating Rate Income Fund | 14,182 |
| 200,596 | First Trust/Four Corners Senior Floating Rate Income Fund II | 2,387,092 |
| 296,293 | ING Prime Rate Trust | 1,546,650 |
| 5,140 | LMP Corporate Loan Fund, Inc. | 51,606 |
| 23,301 | Nuveen Floating Rate Income Fund | 241,165 |
| 3,401 | Nuveen Floating Rate Income Opportunity Fund | 36,629 |
| 11,375 | Nuveen Senior Income Fund | 80,876 |
| 55 | PIMCO Floating Rate Income Fund | 621 |
| 647 | PIMCO Floating Rate Strategy Fund | 6,392 |
| 117 | Pioneer Floating Rate Trust | 1,348 |
| 136,255 | Van Kampen Senior Income Trust | 574,996 |
| Total Closed-End Investment Companies (identified cost \$7,439,831) | | \$ 5,442,204 |

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Eaton Vance Senior Income Trust as of December 31, 2009

PORTFOLIO OF INVESTMENTS (Unaudited) CONT D

Miscellaneous 0.0%

| Shares | Security | Value |
|--|---|------------------|
| Cable and Satellite Television 0.0% | | |
| 261,268 | Adelphia Recovery Trust ⁽¹¹⁾ | \$ 9,144 |
| 270,000 | Adelphia, Inc., Escrow Certificate ⁽¹¹⁾ | 10,800 |
| | | \$ 19,944 |
| Oil and Gas 0.0% | | |
| 55,000 | VeraSun Energy Corp., Escrow Certificate ⁽⁵⁾⁽¹¹⁾ | \$ 0 |
| | | \$ 0 |
| Total Miscellaneous (identified cost \$252,930) | | \$ 19,944 |

Short-Term Investments 5.4%

| Interest/ Principal (000 s Omitted) | Description | Value |
|--|--|--------------|
| \$ 9,612 | Cash Management Portfolio, 0.00% ⁽¹³⁾ | \$ 9,611,801 |
| 3,304 | State Street Bank and Trust Euro Time Deposit, 0.01%, 1/4/10 | 3,303,616 |

| | | |
|--|--|-------------------------|
| Total Short-Term Investments (identified cost \$12,915,417) | | \$ 12,915,417 |
| Total Investments 156.1% (identified cost \$406,192,117) | | \$ 373,619,113 |
| Less Unfunded Loan Commitments (0.3)% | | \$ (801,692) |
| Net Investments 155.8% (identified cost \$405,390,425) | | \$ 372,817,421 |
| Other Assets, Less Liabilities (9.8)% | | \$ (23,480,620) |
| Auction Preferred Shares Plus Cumulative Unpaid Dividends (46.0)% | | \$ (110,000,924) |
| Net Assets Applicable to Common Shares 100.0% | | \$ 239,335,877 |

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

DIP - Debtor in Possession

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.

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

- (2) Currently the issuer is in default with respect to interest payments.
- (3) Represents a payment-in-kind security which may pay all or a portion of interest/dividends in additional par/shares.
- (4) Unfunded or partially unfunded loan commitments. See Note 1G for description.
- (5) Security valued at fair value using methods determined in good faith by or at the direction of the Trustees.
- (6) Defaulted matured security.
- (7) This Senior Loan will settle after December 31, 2009, at which time the interest rate will be determined.
- (8) Security exempt from registration under Rule 144A of the Securities Act of 1933. These securities may be sold in transactions exempt from registration, normally to qualified institutional buyers. At December 31, 2009, the aggregate value of these securities is \$13,902,921 or 5.8% of the Trust's net assets.
- (9) 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.
- (10) Variable rate security. The stated interest rate represents the rate in effect at December 31, 2009.
- (11) Non-income producing security.
- (12) Restricted security (see Note 8).
- (13) Affiliated investment company available to Eaton Vance portfolios and funds which invests in high quality, U.S. dollar denominated money market instruments. The rate shown is the annualized seven-day yield as of December 31, 2009.

See notes to financial statements

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Eaton Vance Senior Income Trust as of December 31, 2009

FINANCIAL STATEMENTS (Unaudited)

Statement of Assets and Liabilities

As of December 31, 2009

Assets

| | |
|--|-----------------------|
| Unaffiliated investments, at value (identified cost, \$395,778,624) | \$ 363,205,620 |
| Affiliated investment, at value (identified cost, \$9,611,801) | 9,611,801 |
| Cash | 35,099 |
| Foreign currency, at value (identified cost, \$44,618) | 44,626 |
| Interest and dividends receivable | 2,454,160 |
| Receivable for investments sold | 4,114,440 |
| Prepaid expenses and other assets | 10,281 |
| Total assets | \$ 379,476,027 |

Liabilities

| | |
|---|----------------------|
| Notes payable | \$ 26,000,000 |
| Payable for investments purchased | 2,368,375 |
| Payable for open forward foreign currency exchange contracts | 104,981 |
| Distributions payable | 1,132,741 |
| Payable to affiliates: | |
| Investment adviser fee | 281,960 |
| Administration fee | 78,529 |
| Trustees fees | 3,245 |
| Accrued expenses | 169,395 |
| Total liabilities | \$ 30,139,226 |

**Auction preferred shares (4,400 shares outstanding) at
liquidation value plus cumulative unpaid dividends** **\$ 110,000,924**

Net assets applicable to common shares **\$ 239,335,877**

Sources of Net Assets

| | |
|--|-----------------------|
| Common shares, \$0.01 par value, unlimited number of shares authorized, 36,540,034 shares issued and outstanding | \$ 365,400 |
| Additional paid-in capital | 370,542,510 |
| Accumulated net realized loss | (97,536,418) |
| Accumulated distributions in excess of net investment income | (1,306,996) |
| Net unrealized depreciation | (32,728,619) |
| Net assets applicable to common shares | \$ 239,335,877 |

Net Asset Value Per Common Share

| | |
|--|----------------|
| (\$239,335,877 ÷ 36,540,034 common shares issued and outstanding) | \$ 6.55 |
|--|----------------|

Statement of Operations

**For the Six Months Ended
December 31, 2009**

Investment Income

| | |
|--|--------------|
| Interest | \$ 9,569,940 |
| Dividends | 154,090 |
| Interest income allocated from affiliated investment | 11,650 |
| Expenses allocated from affiliated investment | (11,650) |

Total investment income **\$ 9,724,030**

Expenses

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| | |
|---|--------------|
| Investment adviser fee | \$ 1,472,344 |
| Administration fee | 436,245 |
| Trustees fees and expenses | 6,923 |
| Custodian fee | 114,585 |
| Transfer and dividend disbursing agent fees | 10,614 |
| Legal and accounting services | 86,726 |
| Printing and postage | 45,160 |
| Interest expense and fees | 302,501 |
| Preferred shares service fee | 82,109 |
| Miscellaneous | 51,966 |

Total expenses **\$ 2,609,173**

| | |
|----------------------------|------|
| Deduct | |
| Reduction of custodian fee | \$ 3 |

Total expense reductions **\$ 3**

Net expenses **\$ 2,609,170**

Net investment income **\$ 7,114,860**

Realized and Unrealized Gain (Loss)

| | |
|--|----------------|
| Net realized gain (loss) | |
| Investment transactions | \$ (7,334,318) |
| Foreign currency and forward foreign currency exchange contract transactions | 47,765 |

Net realized loss **\$ (7,286,553)**

| | |
|--|---------------|
| Change in unrealized appreciation (depreciation) | |
| Investments | \$ 46,603,983 |
| Foreign currency and forward foreign currency exchange contracts | (197,490) |

| | |
|---|----------------------|
| Net change in unrealized appreciation (depreciation) | \$ 46,406,493 |
| | |
| Net realized and unrealized gain | \$ 39,119,940 |
| | |
| Distributions to preferred shareholders | |
| | |
| From net investment income | \$ (102,278) |
| | |
| Net increase in net assets from operations | \$ 46,132,522 |

See notes to financial statements

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Eaton Vance Senior Income Trust as of December 31, 2009

FINANCIAL STATEMENTS CONT D

Statements of Changes in Net Assets

| Increase (Decrease) in Net Assets | Six Months Ended December 31, 2009 (Unaudited) | Year Ended June 30, 2009 |
|---|---|-------------------------------------|
| From operations | | |
| Net investment income | \$ 7,114,860 | \$ 17,975,898 |
| Net realized loss from investment transactions, swap contracts and foreign currency and forward foreign currency exchange contract transactions | (7,286,553) | (33,461,287) |
| Net change in unrealized appreciation (depreciation) from investments, swap contracts, foreign currency and forward foreign currency exchange contracts | 46,406,493 | (40,006,006) |
| Distributions to preferred shareholders From net investment income | (102,278) | (1,216,911) |
| Net increase (decrease) in net assets from operations | \$ 46,132,522 | \$ (56,708,306) |
| Distributions to common shareholders | | |
| From net investment income | \$ (6,979,147) | \$ (16,036,792) |
| Tax return of capital | | (276,506) |
| Total distributions to common shareholders | \$ (6,979,147) | \$ (16,313,298) |
| Capital share transactions | | |
| Reinvestment of distributions to common shareholders | \$ | \$ 263,594 |

| | | | | |
|---|-----------|--|-----------|----------------|
| Net increase in net assets from capital share transactions | \$ | | \$ | 263,594 |
|---|-----------|--|-----------|----------------|

| | | | | |
|--|-----------|-------------------|-----------|---------------------|
| Net increase (decrease) in net assets | \$ | 39,153,375 | \$ | (72,758,010) |
|--|-----------|-------------------|-----------|---------------------|

Net Assets Applicable to Common Shares

| | | | | |
|------------------------|----|-------------|----|-------------|
| At beginning of period | \$ | 200,182,502 | \$ | 272,940,512 |
|------------------------|----|-------------|----|-------------|

| | | | | |
|-------------------------|-----------|--------------------|-----------|--------------------|
| At end of period | \$ | 239,335,877 | \$ | 200,182,502 |
|-------------------------|-----------|--------------------|-----------|--------------------|

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

| | | | | |
|-------------------------|-----------|--------------------|-----------|--------------------|
| At end of period | \$ | (1,306,996) | \$ | (1,340,431) |
|-------------------------|-----------|--------------------|-----------|--------------------|

Statement of Cash Flows

| Cash Flows From Operating Activities | Six Months Ended December 31, 2009 (Unaudited) | |
|---|---|--------------|
| Net increase in net assets from operations | \$ | 46,132,522 |
| Distributions to preferred shareholders | | 102,278 |
| Net increase in net assets from operations excluding distributions to preferred shareholders | \$ | 46,234,800 |
| Adjustments to reconcile net increase in net assets from operations to net cash provided by (used in) operating activities: | | |
| Investments purchased | | (72,088,576) |

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| | |
|---|--------------|
| Investments sold and principal repayments | 59,568,288 |
| Increase in short-term investments, net | (5,502,185) |
| Net amortization/accretion of premium (discount) | (1,390,621) |
| Increase in interest and dividends receivable | (459,510) |
| Decrease in interest receivable from affiliated investment | 57 |
| Increase in receivable for investments sold | (3,144,860) |
| Decrease in receivable for open forward foreign currency exchange contracts | 41,789 |
| Decrease in miscellaneous receivable | 24,382 |
| Decrease in prepaid expenses and other assets | 3,625 |
| Decrease in payable for investments purchased | (1,696,369) |
| Increase in payable for open forward foreign currency exchange contracts | 104,981 |
| Increase in payable to affiliate for investment adviser fee | 57,015 |
| Increase in payable to affiliate for administration fees | 16,770 |
| Increase in payable to affiliate for Trustees fees | 436 |
| Decrease in accrued expenses | (71,083) |
| Increase in unfunded loan commitments | 283,598 |
| Net change in unrealized (appreciation) depreciation from investments | (46,603,983) |
| Net realized loss on investments | 7,334,318 |

Net cash used in operating activities \$ **(17,287,128)**

Cash Flows From Financing Activities

| | |
|---|----------------|
| Distributions paid to common shareholders, net of reinvestments | \$ (5,846,406) |
| Cash distributions to preferred shareholders | (109,561) |
| Proceeds from notes payable | 23,000,000 |

Net cash provided by financing activities \$ **17,044,033**

Net decrease in cash* \$ **(243,095)**

Cash at beginning of period⁽¹⁾ \$ **322,820**

| | | |
|--|-----------|---------------|
| Cash at end of period⁽¹⁾ | \$ | 79,725 |
|--|-----------|---------------|

Supplemental disclosure of cash flow
information:

| | | |
|---|----|---------|
| Cash paid for interest and fees on borrowings | \$ | 340,089 |
|---|----|---------|

* Includes net change in unrealized appreciation (depreciation) on foreign currency of \$239.

(1) Balance includes foreign currency, at value

See notes to financial statements

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Eaton Vance Senior Income Trust as of December 31, 2009

FINANCIAL STATEMENTS CONT D

Financial Highlights

Selected data for a common share outstanding during the periods stated

| | Six Months Ended December 31, 2009 (Unaudited) | 2009 | 2008 | Year Ended June 30, | | |
|--|---|-------------------|-------------------|----------------------------|-----------------|-----------------|
| | | | | 2007 | 2006 | 2005 |
| Net asset value Beginning of period (Common shares) | \$ 5.480 | \$ 7.480 | \$ 8.800 | \$ 8.740 | \$ 8.760 | \$ 8.780 |
| Income (Loss) From Operations | | | | | | |
| Net investment income ⁽¹⁾ | \$ 0.195 | \$ 0.492 | \$ 0.742 | \$ 0.801 | \$ 0.697 | \$ 0.533 |
| Net realized and unrealized gain (loss) | 1.069 | (2.012) | (1.324) | 0.060 | (0.026) | (0.029) |
| Distributions to preferred shareholders From net investment income | (0.003) | (0.033) | (0.133) | (0.154) | (0.122) | (0.068) |
| Total income (loss) from operations | \$ 1.261 | \$ (1.553) | \$ (0.715) | \$ 0.707 | \$ 0.549 | \$ 0.436 |
| Less Distributions to Common Shareholders | | | | | | |
| | \$ (0.191) | \$ (0.439) | \$ (0.605) | \$ (0.647) | \$ (0.569) | \$ (0.456) |

| | | | | | | |
|---|--------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| From net investment income | | | | | | |
| Tax return of capital | | (0.008) | | | | |
| Total distributions to common shareholders | \$ (0.191) | \$ (0.447) | \$ (0.605) | \$ (0.647) | \$ (0.569) | \$ (0.456) |
| Net asset value End of period (Common shares) | \$ 6.550 | \$ 5.480 | \$ 7.480 | \$ 8.800 | \$ 8.740 | \$ 8.760 |
| Market value End of period (Common shares) | \$ 6.260 | \$ 4.690 | \$ 6.620 | \$ 8.570 | \$ 8.130 | \$ 8.040 |
| Total Investment Return on Net Asset Value⁽²⁾ | 23.02%⁽³⁾⁽⁹⁾ | (18.99)% | (7.58)% | 8.70% | 7.02% | 5.16% |
| Total Investment Return on Market Value⁽²⁾ | 37.38%⁽³⁾⁽⁹⁾ | (21.66)% | (16.01)% | 13.81% | 8.46% | (10.42)% |

See notes to financial statements

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Eaton Vance Senior Income Trust as of December 31, 2009

FINANCIAL STATEMENTS CONT D

Financial Highlights

Selected data for a common share outstanding during the periods stated

| | Six Months Ended December 31, 2009 (Unaudited) | Year Ended June 30, | | | | |
|--|---|---------------------|------------|------------|------------|------------|
| | | 2009 | 2008 | 2007 | 2006 | 2005 |
| Ratios/Supplemental Data | | | | | | |
| Net assets applicable to common shares, end of period (000 \$ omitted) | \$ 239,336 | \$ 200,183 | \$ 272,941 | \$ 320,943 | \$ 318,871 | \$ 319,404 |
| Ratios (as a percentage of average daily net assets applicable to common shares): ⁽⁴⁾ | | | | | | |
| Expenses before custodian fee reduction excluding interest and fees | 2.05% ⁽⁵⁾ | 2.44% | 2.22% | 2.21% | 2.16% | 2.20% |
| Interest and fee expense | 0.27% ⁽⁵⁾ | 0.99% | 1.95% | 2.16% | 1.76% | 1.02% |
| Total expenses before custodian fee reduction | 2.32% ⁽⁵⁾ | 3.43% | 4.17% | 4.36% | 3.92% | 3.22% |
| Expenses after custodian fee reduction excluding interest and fees | 2.05% ⁽⁵⁾ | 2.44% | 2.22% | 2.20% | 2.16% | 2.20% |
| Net investment income | 6.29% ⁽⁵⁾ | 9.64% | 9.47% | 9.11% | 7.94% | 6.06% |
| Portfolio Turnover | 17% ⁽³⁾ | 18% | 26% | 64% | 55% | 72% |

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):(4) | | | | | | |
| Expenses before custodian fee reduction excluding interest and fees | 1.33% ⁽⁵⁾ | 1.54% | 1.60% | 1.64% | 1.61% | 1.64% |
| Interest and fee expense | 0.17% ⁽⁵⁾ | 0.62% | 1.41% | 1.61% | 1.31% | 0.76% |
| Total expenses before custodian reduction | 1.50% ⁽⁵⁾ | 2.16% | 3.01% | 3.25% | 2.92% | 2.40% |
| Expenses after custodian fee reduction excluding interest and fees | 1.32% ⁽⁵⁾ | 1.54% | 1.60% | 1.64% | 1.61% | 1.64% |
| Net investment income | 4.07% ⁽⁵⁾ | 6.06% | 6.84% | 6.79% | 5.91% | 4.51% |

Senior Securities:

| | | | | | | |
|---|-----------|------------|------------|------------|------------|------------|
| Total notes payable outstanding (in 000 s) | \$ 26,000 | \$ 3,000 | \$ 105,000 | \$ 110,000 | \$ 120,000 | \$ 120,000 |
| Asset coverage per \$1,000 of notes payable ⁽⁶⁾ | \$ 14,436 | \$ 104,397 | \$ 4,648 | \$ 4,918 | \$ 4,574 | \$ 4,579 |
| Total preferred shares outstanding | 4,400 | 4,400 | 4,400 | 4,400 | 4,400 | 4,400 |
| Asset coverage per preferred share ⁽⁷⁾ | \$ 68,996 | \$ 62,290 | \$ 56,770 | \$ 61,489 | \$ 59,672 | \$ 59,734 |
| Involuntary liquidation preference per preferred share ⁽⁸⁾ | \$ 25,000 | \$ 25,000 | \$ 25,000 | \$ 25,000 | \$ 25,000 | \$ 25,000 |
| Approximate market value per preferred share ⁽⁸⁾ | \$ 25,000 | \$ 25,000 | \$ 25,000 | \$ 25,000 | \$ 25,000 | \$ 25,000 |

(1) Computed using average common shares outstanding.

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

(3) Not annualized.

- (4) Ratios do not reflect the effect of dividend payments to preferred shareholders.
- (5) Annualized.
- (6) 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.
- (7) 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 the preferred shares, and multiplying the result by the liquidation value of one preferred share. Such amount equates to 276% at December 31, 2009 and 277%, 227%, 246%, 239%, and 239% at June 30, 2009, 2008, 2007, 2006, and 2005, respectively.
- (8) Plus accumulated and unpaid dividends.
- (9) The returns do not include a dividend declared during the period but payable after period end.

See notes to financial statements

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Eaton Vance Senior Income Trust as of December 31, 2009

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 source of authoritative accounting principles applied in the preparation of the Trust's financial statements is the Financial Accounting Standards Board (FASB) Accounting Standards Codification (the Codification), which superseded existing non-Securities and Exchange Commission accounting and reporting standards for interim and annual reporting periods ending after September 15, 2009. The adoption of the Codification for the current reporting period did not impact the Trust's application of generally accepted accounting principles.

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 are valued in the same manner as Senior Loans.

Debt obligations (including short-term obligations with a remaining maturity of more than sixty days) will normally be valued on the basis of quotations provided by third party pricing services. The pricing services will use various techniques that consider factors including, but not limited to, reported trades or dealer quotations, prices or yields of securities with similar characteristics, benchmark yields, broker/dealer quotes, issuer spreads, as well as industry and economic events. Short-term debt securities 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 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. Credit default swaps are normally valued using valuations provided by a third party pricing service. The pricing services employ electronic data processing techniques to determine the

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Eaton Vance Senior Income Trust as of December 31, 2009

NOTES TO FINANCIAL STATEMENTS (Unaudited) CONT D

present value based on credit spread quotations obtained from broker/dealers and expected default recovery rates determined by the pricing service using proprietary models. Foreign securities and currencies are valued in U.S. dollars, based on foreign currency exchange rate quotations supplied by a third party pricing service. The pricing service uses a proprietary model to determine the exchange rate. Inputs to the model include reported trades and implied bid/ask spreads. Investments for which valuations or market quotations are not readily available or are deemed unreliable are valued at fair value using methods determined in good faith by or at the direction of the Trustees of the Trust in a manner that 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 Cash Management Portfolio (Cash Management), an affiliated investment company managed by Boston Management and Research (BMR), a subsidiary of Eaton Vance Management (EVM). Cash Management generally values its investment securities utilizing the amortized cost valuation technique permitted by Rule 2a-7 under the 1940 Act, pursuant to which Cash Management must comply with certain conditions. 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 Management 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, 2009, the Trust, for federal income tax purposes, had a capital loss carryforward of \$68,201,440 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, 2010 (\$25,817,521), June 30, 2011 (\$13,711,847), June 30, 2012 (\$6,681,243), June 30, 2016 (\$52,501) and June 30, 2017 (\$21,938,328).

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Additionally, at June 30, 2009, the Trust had a net currency loss of \$1,179,773 and a net capital loss of \$22,033,463 attributable to currency and security transactions, respectively, incurred after October 31, 2008. These losses are treated as arising on the first day of the Trust's taxable year ending June 30, 2010.

As of December 31, 2009, 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, 2009 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

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NOTES TO FINANCIAL STATEMENTS (Unaudited) CONT D

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 commitments are disclosed in the accompanying Portfolio of Investments.

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 Trust may enter into forward contracts for hedging purposes as well as non-hedging purposes. 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 Credit Default Swaps The Trust may enter into credit default swap contracts to manage its credit risk, to gain exposure to a credit in which the Trust may otherwise invest, or to enhance return. When the Trust is the buyer of a credit default swap contract, the Trust is entitled to receive the par (or other agreed-upon) value of a referenced debt obligation (or basket of debt obligations) from the counterparty to the contract if a credit event by a third party, such as a U.S. or foreign corporate issuer or sovereign issuer, on the debt obligation occurs. In return, the Trust pays the counterparty a periodic stream of payments over the term of the contract provided that no credit event has occurred. If no credit event occurs, the Trust would have spent the stream of payments and received no benefits from the contract. When the Trust is the seller of a credit default swap contract, it receives the stream of payments, but is obligated to pay to the buyer of the protection an amount up to the notional amount of the swap and in certain instances take delivery of securities of the reference entity upon the occurrence of a credit event, as defined under the terms of that

particular swap agreement. Credit events are contract specific but may include bankruptcy, failure to pay, restructuring, obligation acceleration and repudiation/moratorium. If the Trust is the seller of protection and a credit event occurs, the maximum potential amount of future payments that the Trust could be required to make would be an amount equal to the notional amount of the agreement. This potential amount would be partially offset by any recovery value of the respective referenced obligation, or net amount received from the settlement of a buy protection credit default swap agreement entered into by the Trust for the same referenced obligation. As the seller, the Trust effectively adds leverage to its portfolio because, in addition to its total net assets, the Trust is subject to investment exposure on the notional amount of the swap. The interest fee paid or received on the swap contract, which is based on a specified interest rate on a fixed notional amount, is accrued daily as a component of unrealized appreciation (depreciation) and is recorded as realized gain upon receipt or realized loss upon payment. The Trust also records an increase or decrease to unrealized appreciation (depreciation) in an amount equal to the daily valuation. Upfront payments or receipts, if any, are recorded as other assets or other liabilities, respectively, and amortized over the life of the swap contract as realized gains or losses. The Trust segregates assets in the form of cash or liquid securities in an amount equal to the notional amount of the credit default swaps of which it is the seller. The Trust segregates assets in the form of cash or liquid securities in an amount equal to any

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Eaton Vance Senior Income Trust as of December 31, 2009

NOTES TO FINANCIAL STATEMENTS (Unaudited) CONT D

unrealized depreciation of the credit default swaps of which it is the buyer, marked to market on a daily basis. These transactions involve certain risks, including the risk that the seller may be unable to fulfill the transaction.

L 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.

M Interim Financial Statements The interim financial statements relating to December 31, 2009 and for the six months then ended have not been audited by an independent registered public accounting firm, but in the opinion of the Trust's management, reflect all adjustments, consisting only of normal recurring adjustments, necessary for the fair presentation of the financial statements.

2 Auction Preferred Shares

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

The number of APS issued and outstanding as of December 31, 2009 is as follows:

| Series | APS Issued and Outstanding |
|---------------|---------------------------------------|
| A | 2,200 |
| B | 2,200 |

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

3 Distributions to Shareholders

The Trust intends to make monthly distributions of net investment income to common shareholders, after payment of any dividends on any outstanding APS. In addition, at least annually, the Trust intends to distribute all or substantially all of its net realized capital gains (reduced by available capital loss carryforwards from prior years, if any).

Distributions to common shareholders are recorded on the ex-dividend date. Distributions to preferred shareholders are recorded daily and are payable at the end of each dividend period. The dividend rates for the APS at December 31, 2009, and the amount of dividends paid (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, 2009 | Dividends Paid to APS Shareholders | Average APS Dividend Rates | Dividend Rate Ranges |
|----------|--|---|---|-------------------------------------|
| Series A | 0.10% | \$ 50,364 | 0.18% | 0.09% 0.26% |
| Series B | 0.10% | \$ 51,914 | 0.19% | 0.05% 0.56% |

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, 2009.

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.

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Eaton Vance Senior Income Trust as of December 31, 2009

NOTES TO FINANCIAL STATEMENTS (Unaudited) CONT D

4 Investment Adviser Fee and Other Transactions with Affiliates

The investment adviser fee is earned by EVM as compensation for management and investment advisory services rendered to the Trust. The fee is computed at an annual rate of 0.85% of the Trust's average weekly gross assets and is payable monthly. The portion of the adviser fee payable by Cash Management on the Trust's investment of cash therein is credited against the Trust's investment adviser fee. For the six months ended December 31, 2009, the Trust's investment adviser fee totaled \$1,483,233 of which \$10,889 was allocated from Cash Management and \$1,472,344 was paid or accrued directly by the Trust. 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, 2009, the administration fee amounted to \$436,245.

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, 2009, 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 \$72,088,576 and \$59,568,288, respectively, for the six months ended December 31, 2009.

6 Common Shares of Beneficial Interest

The Trust may issue common shares pursuant to its dividend reinvestment plan. There were no transactions in common shares for the six months ended December 31, 2009. Common shares issued pursuant to the Trust's dividend reinvestment plan for the year ended June 30, 2009 were 73,537.

7 Federal Income Tax Basis of Investments

The cost and unrealized appreciation (depreciation) of investments of the Trust at December 31, 2009, as determined on a federal income tax basis, were as follows:

| | |
|------------------------------------|------------------------|
| Aggregate cost | \$ 405,566,045 |
| Gross unrealized appreciation | \$ 5,260,434 |
| Gross unrealized depreciation | (38,009,058) |
| Net unrealized depreciation | \$ (32,748,624) |

8 Restricted Securities

At December 31, 2009, the Trust owned the following securities (representing less than 0.01% of net assets applicable to common shares) which were restricted as to public resale and not registered under the Securities Act of 1933 (excluding Rule 144A securities). The Trust has various registration rights (exercisable under a variety of circumstances) with respect to these securities. The value of these securities is determined based on valuations provided by brokers when available, or if not available, they are valued at fair value using methods determined in good faith by or at the direction of the Trustees.

| Description | Date of Acquisition | Shares | Cost | Value |
|--|----------------------------|---------------|------------------|--------------|
| Preferred Stock | | | | |
| Hayes Lemmerz International, Series A, Convertible | 6/4/03 | 35 | \$ 1,750 | \$ 0 |
| Key Plastics, LLC, Series A | 4/26/01 | 15 | 15,000 | 0 |
| Total | | | \$ 16,750 | \$ 0 |

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, 2009 is as follows:

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Forward Foreign Currency Exchange Contracts**Sales**

| Settlement Date | Deliver | In Exchange For | Net Unrealized Depreciation |
|------------------------|---|---------------------------------------|--|
| 1/29/10 | British Pound Sterling 3,685,669 | United States Dollar 5,849,968 | \$ (102,330) |
| 1/29/10 | Euro 9,504,740 | United States Dollar 13,622,575 | (2,651) |
| | | | \$ (104,981) |

At December 31, 2009, 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 may enter into forward foreign currency exchange contracts. The Trust may also enter into such contracts to hedge 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, 2009 was as follows:

| Derivative | Fair Value | |
|---|------------------------------|----------------------------------|
| | Asset Derivatives | Liability Derivatives |
| Forward foreign currency exchange contracts | \$ | \$ 104,981 ⁽¹⁾ |

(1)

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

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, 2009 was as follows:

| Derivative | Realized Gain (Loss) on Derivatives Recognized in Income | Change in Unrealized Appreciation (Depreciation) on Derivatives Recognized in Income |
|---|--|---|
| Forward foreign currency exchange contracts | \$ 29,221 ⁽¹⁾ | \$ (146,770) ⁽²⁾ |

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

The average notional amount of forward foreign currency exchange contracts outstanding during the six months ended December 31, 2009, which is indicative of the volume of this derivative type, was approximately \$17,604,000.

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 (\$60 million prior to October 19, 2009) 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. Prior to October 19, 2009, the Trust paid a program fee and a liquidity fee of 1.25% each per annum. Program and commitment fees for the six months ended December 31, 2009 totaled \$280,277 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, 2009, the Trust had borrowings outstanding under the Agreement of \$26,000,000 at an interest rate of 0.30%. The carrying amount of the borrowings at December 31, 2009 approximated its fair value. For the six months ended December 31, 2009, the average borrowings under the Agreement and the average interest rate (annualized) were \$12,673,913 and 0.34%, respectively.

11 Risks Associated with Foreign Investments

Investing in securities issued by companies whose principal business activities are outside the United States may involve significant risks not present in domestic investments. For example, there is generally less publicly available

information about foreign companies, particularly those not subject to the disclosure and reporting requirements of the U.S. securities laws. Certain foreign issuers are generally not bound by uniform accounting, auditing, and financial reporting requirements and standards of practice comparable to those applicable to domestic issuers. Investments in foreign securities also involve the risk of possible adverse changes in investment or exchange control regulations, expropriation or confiscatory taxation, limitation on the removal of funds or other assets of the Trust, political or financial instability or diplomatic and other developments which could affect such investments. Foreign securities markets, while growing in volume and sophistication, are generally not as

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Eaton Vance Senior Income Trust as of December 31, 2009

NOTES TO FINANCIAL STATEMENTS (Unaudited) CONT D

developed as those in the United States, and securities of some foreign issuers (particularly those located in developing countries) may be less liquid and more volatile than securities of comparable U.S. companies. In general, there is less overall governmental supervision and regulation of foreign securities markets, broker-dealers and issuers than in the United States.

12 Concentration of Credit Risk

The Trust invests primarily in below investment grade floating-rate loans and floating-rate debt obligations, which are considered speculative because of the credit risk of their issuers. Changes in economic conditions or other circumstances are more likely to reduce the capacity of issuers of these securities to make principal and interest payments. Such companies are more likely to default on their payments of interest and principal owed than issuers of investment grade bonds. An economic downturn generally leads to a higher non-payment rate, and a loan or other debt obligation may lose significant value before a default occurs. Lower rated investments also may be subject to greater price volatility than higher rated investments. Moreover, the specific collateral used to secure a loan may decline in value or become illiquid, which would adversely affect the loan's value.

13 Fair Value Measurements

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

Level 1 quoted prices in active markets for identical investments

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

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

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, 2009, the inputs used in valuing the Trust's investments, which are carried at value, were as follows:

| Asset Description | Quoted Prices in Active Markets for Identical Assets (Level 1) | Significant Other Observable Inputs (Level 2) | Significant Unobservable Inputs (Level 3) | Total |
|--------------------------|---|--|--|--------------|
|--------------------------|---|--|--|--------------|

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| | | | | |
|---|----------------------|-----------------------|---------------------|-----------------------|
| Senior Floating-Rate Interests (less Unfunded Loan Commitments) | \$ | \$ 321,309,145 | \$ 658,160 | \$ 321,967,305 |
| Corporate Bonds & Notes | | 29,182,789 | 221,172 | 29,403,961 |
| Asset-Backed Securities | | 2,427,650 | | 2,427,650 |
| Common Stocks | 117,353 | 289,338 | 130,716 | 537,407 |
| Preferred Stocks | | 103,525 | 0 | 103,525 |
| Warrants | | | 8 | 8 |
| Closed-End Investment Companies | 5,442,204 | | | 5,442,204 |
| Miscellaneous | | 19,944 | 0 | 19,944 |
| Short-Term Investments | 9,611,801 | 3,303,616 | | 12,915,417 |
| Total Investments | \$ 15,171,358 | \$ 356,636,007 | \$ 1,010,056 | \$ 372,817,421 |

Liability Description

| | | | | |
|---|-----------|---------------------|-----------|---------------------|
| Forward Foreign Currency Exchange Contracts | \$ | \$ (104,981) | \$ | \$ (104,981) |
| Total | \$ | \$ (104,981) | \$ | \$ (104,981) |

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

| | Investments in Senior Floating-Rate Interests | Investments in Corporate Bonds & Notes | Investments in Common Stocks, Preferred Stock and Miscellaneous | Total |
|------------------------------------|--|--|---|-------------------|
| Balance as of June 30, 2009 | \$ 517,836 | \$ 51,100 | \$ 47,677 | \$ 616,613 |
| Realized gains (losses) | (652,892) | | | (652,892) |
| Change in net unrealized | 748,055 | 12,544 | 14,279 | 774,878 |

| | | | | |
|--|-------------------|-------------------|-------------------|---------------------|
| appreciation (depreciation)* | | | | |
| Net purchases (sales) | 35,138 | (3,545) | 68,768 | 100,361 |
| Accrued discount (premium) | 6,873 | 2,132 | | 9,005 |
| Net transfers to (from) Level 3 | 3,150 | 158,941 | | 162,091 |
| Balance as of December 31, 2009 | \$ 658,160 | \$ 221,172 | \$ 130,724 | \$ 1,010,056 |
| Change in net unrealized appreciation (depreciation) on investments still held as of December 31, 2009* | \$ 133,530 | \$ 12,544 | \$ 14,279 | \$ 160,353 |

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

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Eaton Vance Senior Income Trust as of December 31, 2009

NOTES TO FINANCIAL STATEMENTS (Unaudited) CONT D

14 Review for Subsequent Events

In connection with the preparation of the financial statements of the Trust as of and for the six months ended December 31, 2009, events and transactions subsequent to December 31, 2009 through February 16, 2010, the date the financial statements were issued, have been evaluated by the Trust's management for possible adjustment and/or disclosure. Management has not identified any subsequent events requiring financial statement disclosure as of the date these financial statements were issued.

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Eaton Vance Senior Income Trust

ANNUAL MEETING OF SHAREHOLDERS (Unaudited)

The Trust held its Annual Meeting of Shareholders on October 30, 2009. The following action was taken by the shareholders:

Item 1: The election of Allen R. Freedman and Helen Frame Peters as Class II Trustees of the Trust and Ralph F. Verni as Class II APS Trustee of the Trust, each for a three-year term expiring in 2012. Mr. Verni was elected solely by APS shareholders.

| Nominee for Trustee Elected by All Shareholders | Number of Shares | |
|--|-------------------------|-----------------|
| | For | Withheld |
| Allen R. Freedman | 31,939,185 | 1,528,898 |
| Helen Frame Peters | 31,975,700 | 1,492,383 |

| Nominee for Trustee Elected by APS Shareholders | Number of Shares | |
|--|-------------------------|-----------------|
| | For | Withheld |
| Ralph F. Verni | 2,504 | 0 |

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Eaton Vance Senior Income Trust

BOARD OF TRUSTEES ANNUAL APPROVAL OF THE INVESTMENT ADVISORY AGREEMENT

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 27, 2009, 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 (formerly the Special Committee), 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 in February, March and April 2009. 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 to the investment performance of comparable funds over various time periods;
- Data regarding investment performance in comparison to relevant peer groups of funds and appropriate indices;
- Comparative information concerning fees charged by each adviser for managing other mutual funds and institutional accounts using investment strategies and techniques similar to those used in managing the 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;

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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 proxy voting policies and procedures;

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;

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.

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Eaton Vance Senior Income Trust

BOARD OF TRUSTEES ANNUAL APPROVAL OF THE INVESTMENT ADVISORY AGREEMENT 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, 2009, the Board met eighteen 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 seven, five, six, six and six 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.

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 between Eaton Vance Senior Income Trust (the Fund) and 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 senior secured floating-rate loans. 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 paid 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 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.

The Board considered the Adviser's recommendations for Board action and other steps taken in response to the unprecedented dislocations experienced in the capital markets over recent periods, including sustained periods of high volatility, credit disruption and government intervention. In particular, the Board considered the Adviser's efforts and expertise with respect to each of the following matters as they relate to the Fund and/or other funds within the Eaton Vance family of funds: (i) negotiating and maintaining the

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Eaton Vance Senior Income Trust

BOARD OF TRUSTEES ANNUAL APPROVAL OF THE INVESTMENT ADVISORY AGREEMENT CONT D

availability of bank loan facilities and other sources of credit used for investment purposes or to satisfy liquidity needs; (ii) establishing the fair value of securities and other instruments held in investment portfolios during periods of market volatility and issuer-specific disruptions; and (iii) the ongoing monitoring of investment management processes and risk controls. In addition, the Board considered the Adviser's actions with respect to the Auction Preferred Shares (APS) issued by the Fund, including the Adviser's efforts to seek alternative forms of debt and other leverage that may over time reduce financing costs associated with APS and enable the Fund to restore liquidity for APS holders.

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

Fund Performance

The Board compared the Fund's investment performance to a relevant universe of similarly managed funds identified by an independent data provider and appropriate benchmark indices. The Board reviewed comparative performance data for the one-, three- and five-year periods ended September 30, 2008 for the Fund. On the basis of the foregoing and other relevant information, the Board concluded that, under the circumstances, 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 Fund's management fees and total expense ratio for the year ended September 30, 2008, 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. 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 and the Fund's total expense ratio 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.

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.

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Eaton Vance Senior Income Trust

OFFICERS AND TRUSTEES

| Officers | Trustees |
|---|----------------------------|
| Scott H. Page President | Ralph F. Verni Chairman |
| John P. Redding Vice President | Benjamin C. Esty |
| Michael W. Weilheimer Vice President | Thomas E. Faust Jr. |
| Barbara E. Campbell Treasurer | Allen R. Freedman |
| Maureen A. Gemma Secretary and Chief Legal Officer | William H. Park |
| Paul M. O Neil Chief Compliance Officer | Ronald A. Pearlman |
| | Helen Frame Peters |
| | Heidi L. Steiger |
| | 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 diversified, closed-end management investment company and has no employees.

Number of Shareholders

As of December 31, 2009, our records indicate that there are 396 registered shareholders and approximately 13,100 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 our 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.

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**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

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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 Vice Chairman of Commercial Industrial Finance Corp (specialty finance company). Previously, he served as President and Chief Executive Officer of Prizm Capital Management, LLC (investment management firm) and as Executive Vice President and Chief Financial Officer of United Asset Management Corporation (UAM) (a holding company owning institutional investment management firms).

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.

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(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.
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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 9, 2010

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 9, 2010

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

Date: February 9, 2010