

EATON VANCE SENIOR FLOATING RATE TRUST  
Form N-CSR  
December 30, 2008

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- 21411

Eaton Vance Senior Floating Rate Trust  
(Exact name of registrant as specified in charter)

The Eaton Vance Building, 255 State Street, Boston, Massachusetts  
(Address of principal executive offices)

02109  
(Zip code)

Maureen A. Gemma

The Eaton Vance Building, 255 State Street, Boston, Massachusetts 02109  
(Name and address of agent for service)

Registrant's telephone number, including area code: (617) 482-8260

Date of fiscal year end: October 31

Date of reporting period: October 31, 2008

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**Item 1. Reports to Stockholders**

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Annual Report October 31, 2008

EATON VANCE  
SENIOR  
FLOATING-RATE  
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 Policy periodically for changes by accessing the link on our homepage: [www.eatonvance.com](http://www.eatonvance.com).

Our pledge of privacy applies to the following entities within the Eaton Vance organization: the Eaton Vance Family of Funds, Eaton Vance Management, Eaton Vance Investment Counsel, Boston Management and Research, and Eaton Vance Distributors, Inc.

In addition, our Privacy Policy only applies to those Eaton Vance customers who are individuals and who have a direct relationship with us. If a customer's account (i.e., fund shares) is held in the name of a third-party financial adviser/broker-dealer, it is likely that only such adviser's privacy policies apply to the customer. This notice supersedes all previously issued privacy disclosures.

For more information about Eaton Vance's Privacy Policy, please call 1-800-262-1122.

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

**Eaton Vance, or your financial adviser, may household the mailing of your documents indefinitely unless you instruct Eaton Vance, or your financial adviser, otherwise.**

If you would prefer that your Eaton Vance documents not be househanded, please contact Eaton Vance at 1-800-262-1122, or contact your financial adviser.

Your instructions that householding not apply to delivery of your Eaton Vance documents will be effective within 30 days of receipt by Eaton Vance or your financial adviser.

**Portfolio Holdings.** Each Eaton Vance Fund and its underlying Portfolio (if applicable) will file a schedule of its 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 [www.eatonvance.com](http://www.eatonvance.com), by calling Eaton Vance at 1-800-262-1122 or in the EDGAR database on the SEC's website at [www.sec.gov](http://www.sec.gov). Form N-Q may also be reviewed and copied at the SEC's public reference room in Washington, D.C. (call 1-800-732-0330 for information on the operation of the public reference room).

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

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**Eaton Vance Senior Floating-Rate Trust as of October 31, 2008**

**MANAGEMENT'S DISCUSSION OF FUND PERFORMANCE**

Scott H. Page, CFA  
Co-Portfolio Manager

Peter M. Campo, CFA  
Co-Portfolio Manager

Craig P. Russ  
Co-Portfolio Manager

**Economic and Market Conditions**

- During the year ended October 31, 2008, credit markets experienced unprecedented volatility, and the bank loan market was no exception. The subprime crisis of 2007 expanded in 2008 to include nearly all credit instruments, which in turn, caused the world economy to slip into recession. The year was a rollercoaster for the loan market and for the Trust. The total return for the S&P/LSTA Leveraged Loan Index (the Index) through the first nine months of the fiscal year was -2.91%, disappointing, but, given the environment, not especially bad compared to other markets. However, September 2008 brought a series of events that rattled the markets more deeply: the bailouts of Fannie Mae and Freddie Mac, the bankruptcy of Lehman Brothers, the rescue of American International Group, Inc. and a litany of unprecedented steps by the U.S. Treasury and the Federal Reserve to stabilize the credit markets. In the Trust's fiscal fourth quarter, the Index declined -18.66%, by far its worst quarterly showing ever. The average loan price in the Trust was 71.8% of par at October 31, 2008. Although statistics vary with respect to recovery rates of loans in default, the historical rate has been approximately 70% of par. As such,

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bank loan prices at year-end were approaching levels that implied near universal default. At year-end, 1.4% of the Trust was in default versus 2.0% for the Index.

- While there is little doubt that a recession would bring higher default rates, it is difficult to reconcile recent trading levels with market fundamentals. A range of credit statistics and criteria used to monitor creditworthiness suggested that overall credit quality appeared to be in line with historical patterns. Despite this, bank loans traded below historical recovery levels, thus implying a near 100% default rate. The most compelling, albeit obvious, explanation for the market's depressed trading level was that there were more sellers of bank loans than buyers. Some selling was forced, especially by hedge funds and structured investment vehicles unable to meet margin requirements. Some selling was voluntary, as redemptions from mutual funds were significant throughout the year. In addition, many hard-pressed banks and investment banks that typically make markets in bank loans were hesitant to own loans, making trading more volatile. Later in the period, there were signs that many institutional investors were attracted to the asset class by record low loan prices. However, selling outweighed buying, pushing loan

### Management Discussion

- The Trust is a closed-end fund and trades on the New York Stock Exchange under the symbol EFR. The Trust's investment objective is to provide a high level of current income. As a secondary objective, it may also seek preservation of capital to the extent consistent with its primary goal of high current income. Under normal market conditions, the Trust invests at least 80% of its total assets in senior, secured floating-

### Eaton Vance Senior Floating-Rate Trust

#### Total Return Performance 10/31/07 - 10/31/08

NYSE Symbol		EFR
At Net Asset Value (NAV)(1)		-37.33%
At Share Price(1)		-35.90%
S&P/LSTA Leveraged Loan Index(2)		-21.02%
Premium/Discount to NAV as of 10/31/08		-6.97%
Total Distributions per common share		\$ 1.261
Distribution Rate(3)	At NAV	11.54%
	At Share Price	12.41%

Please refer to page 3 for additional performance information.

(1) Performance results reflect the effects of leverage. (2) 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 the 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 return does not reflect the effect of leverage. (3) The Distribution Rate is based on the Trust's most recent monthly distribution per share (annualized) divided by the Trust's NAV or share price at the end of the period. The Trust's monthly distributions may be comprised of ordinary income, net realized capital gains and return of capital.

Past performance is no guarantee of future results. Returns are historical and are calculated by determining the percentage change in net asset value or share price (as applicable) with all distributions reinvested. The Trust's performance at share price will differ from its results at NAV. Although share price performance generally reflects investment results over time, during shorter

*periods, returns at share 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. Absent an expense waiver by the investment adviser, returns would be lower. For performance as of the most recent month end, please refer to [www.eatonvance.com](http://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.**



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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, employs leverage, which may increase risk.

- At October 31, 2008, the Trust's investments included senior loans to 420 borrowers spanning 39 industries, with an average loan size of 0.22% of total investments, and no industry constituting more than 10% of total investments. Healthcare, business equipment and services, leisure goods/activities/movies, chemicals and plastics, and cable and satellite television were the top industry weightings.
- The Trust continues to have less than 1% exposure to home builders. The Trust did not have any exposure to subprime or prime mortgage lenders during the fiscal year ended October 31, 2008.
- The Trust's performance for the year ended October 31, 2008 was negatively impacted by the issues affecting the broader market, as discussed in the previous section, Economic and Market Conditions. The impact of leverage accounted for the Trust's underperformance relative to the Index. In addition, the Trust had an investment of approximately 10% in European loans. Loan prices in Europe have underperformed relative to their U.S. counterparts.
- As of October 31, 2008, the Trust had outstanding leverage of approximately 45.5% of its total net assets.(1) The Trust's leverage consists of auction preferred shares issued by the Trust ( APS ) and borrowings under a revolving credit and security agreement with conduit lenders and a bank. Pursuant to applicable law and provisions of the Trust's governing documents relating to the use of leverage, the Trust may not declare dividends or other distributions on common shares if it does not maintain asset coverage in certain prescribed amounts. As the result of sharp declines in the value of the Trust's investments in recent months, the Trust sold investments to reduce outstanding leverage and maintain the required asset coverage. During the year ended October 31, 2008, the Trust's outstanding borrowings were reduced by approximately \$108 million for this reason. If credit markets remain volatile, additional actions may be required to maintain the Trust's asset coverage, including additional sales of investments and possibly a reduction in dividend payment rates. In the event of an improvement in asset coverage, the Trust has the ability to increase borrowings under the revolving credit and security agreement.

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*(1) 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 Auction Preferred Shares 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.*

**Eaton Vance Senior Floating-Rate Trust as of October 31, 2008**

**FUND PERFORMANCE**

**Trust performance (1)**

New York Stock Exchange Symbol	EFR
<b>Average Annual Total Return (by share price, NYSE)</b>	
One Year	-35.90%
Life of Trust (11/28/03)	-6.38
<b>Average Annual Total Return (at net asset value)</b>	
One Year	-37.33%
Life of Trust (11/28/03)	-5.00

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(1) Performance results reflect the effects of leverage.

**Portfolio Composition**

**Top Ten Holdings(2)**

By total investments

Sungard Data Systems, Inc.	1.1%
Community Health Systems, Inc.	1.0
PanAmSat Corp.	1.0
WMG Acquisition Corp.	0.9
Georgia-Pacific Corp.	0.9
Rite Aid Corp.	0.9
CEVA Group PLC U.S.	0.9
Graphic Packaging International, Inc.	0.8
UPC Broadband Holding B.V.	0.8
HCA, Inc.	0.8

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(2) Reflects the Trust's investments as of 10/31/08. Holdings are shown as a percentage of the Trust's total investments.

**Top Five industries(3)**

By total investments

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Healthcare	9.6%
Business Equipment and Services	7.0
Leisure Goods/Activities/Movies	6.6
Chemicals and Plastics	6.4
Cable and Satellite Television	5.8

(3) Reflects the Trust's investments as of 10/31/08. Industries are shown as a percentage of the Trust's total investments.

**Credit Quality Ratings for Total Loan investments(4)**

By total loan investments

Baa	1.3%
Ba	49.3
B	33.3
Caa	4.3
Non-Rated(5)	11.8

(4) 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 10/31/08. 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.

(5) 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.

*Past performance is no guarantee of future results. Returns are historical and are calculated by determining the percentage change in net asset value or share price (as applicable) with all distributions reinvested. The Trust's performance at market share price will differ from its results at NAV. Although share price performance generally reflects investment results over time, during shorter periods, returns at share 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 redeemed, 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. Absent an expense waiver by the investment adviser, the returns would be lower. For performance as of the most recent month end, please refer to [www.eatonvance.com](http://www.eatonvance.com).*

## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

## PORTFOLIO OF INVESTMENTS

Senior Floating-Rate Interests 166.8%			
Principal Amount*		Borrower/Tranche Description	Value
Aerospace and Defense 3.7%			
ACTS Aero Technical Support & Service, Inc.			
709,366		Term Loan, 7.89%, Maturing October 5, 2014	\$ 344,043
AWAS Capital, Inc.			
874,379		Term Loan, 5.00%, Maturing March 22, 2013	625,181
Colt Defense, LLC			
981,420		Term Loan, 7.18%, Maturing July 9, 2014	770,414
DAE Aviation Holdings, Inc.			
411,613		Term Loan, 7.17%, Maturing July 31, 2014	306,652
416,490		Term Loan, 7.37%, Maturing July 31, 2014	310,285
Evergreen International Aviation			
1,384,287		Term Loan, 9.00%, Maturing October 31, 2011	1,055,519
Hawker Beechcraft Acquisition			
200,822		Term Loan, 5.76%, Maturing March 26, 2014	130,391
3,428,693		Term Loan, 5.76%, Maturing March 26, 2014	2,226,202
Hexcel Corp.			
820,506		Term Loan, 5.25%, Maturing March 1, 2012	730,251
IAP Worldwide Services, Inc.			
880,397		Term Loan, 9.06%, Maturing December 30, 2012	589,866
Spirit AeroSystems, Inc.			
1,597,557		Term Loan, 6.50%, Maturing December 31, 2011	1,361,917
TransDigm, Inc.			
1,625,000		Term Loan, 5.21%, Maturing June 23, 2013	1,245,156
Vought Aircraft Industries, Inc.			
2,107,882		Term Loan, 5.62%, Maturing December 17, 2011	1,675,766
498,825		Term Loan, 7.50%, Maturing December 22, 2011	409,036
Wesco Aircraft Hardware Corp.			
1,142,688		Term Loan, 5.37%, Maturing September 29, 2013	908,437
			\$ 12,689,116
Air Transport 0.9%			
Airport Development and Investment, Ltd.			
GBP	782,900	Term Loan - Second Lien, 10.05%, Maturing April 7, 2011	\$ 781,175
Delta Air Lines, Inc.			
	1,185,000		681,375

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Principal Amount*	Borrower/Tranche Description	Value
	Term Loan - Second Lien, 6.25%, Maturing April 30, 2014	
Northwest Airlines, Inc.		
1,916,833	DIP Loan, 5.00%, Maturing August 21, 2009	1,559,822
		\$ 3,022,372
Automotive 7.7%		
Accuride Corp.		
1,957,967	Term Loan, 7.31%, Maturing January 31, 2012	\$ 1,483,160
Adesa, Inc.		
4,043,805	Term Loan, 6.02%, Maturing October 18, 2013	2,692,499
Affina Group, Inc.		
1,370,985	Term Loan, 6.42%, Maturing November 30, 2011	980,254
Allison Transmission, Inc.		
2,921,613	Term Loan, 5.67%, Maturing September 30, 2014	2,006,523
AxleTech International Holding, Inc.		
1,750,000	Term Loan - Second Lien, 10.39%, Maturing April 21, 2013	1,373,750
Chrysler Financial		
2,486,212	Term Loan, 6.82%, Maturing August 1, 2014	1,705,126
CSA Acquisition Corp.		
355,674	Term Loan, 6.31%, Maturing December 23, 2011	248,083
888,684	Term Loan, 6.31%, Maturing December 23, 2011	619,857
486,250	Term Loan, 6.31%, Maturing December 23, 2012	357,394
Dayco Products, LLC		
1,749,713	Term Loan, 8.01%, Maturing June 21, 2011	594,902
Delphi Corp.		
138,644	DIP Loan, 8.50%, Maturing December 31, 2008	88,039
1,361,357	DIP Loan, 8.50%, Maturing December 31, 2008	864,461
Federal-Mogul Corp.		
1,500,168	Term Loan, 5.48%, Maturing December 27, 2014	913,227
3,151,399	Term Loan, 6.12%, Maturing December 27, 2015	1,918,414
Ford Motor Co.		
1,743,938	Term Loan, 7.59%, Maturing December 15, 2013	969,130
General Motors Corp.		
3,397,025	Term Loan, 5.80%, Maturing November 29, 2013	1,878,555
Goodyear Tire & Rubber Co.		
2,400,000	Term Loan - Second Lien, 4.78%, Maturing April 30, 2010	1,708,001
HLI Operating Co., Inc.		

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EUR	109,091	Term Loan, 4.87%, Maturing May 30, 2014	119,576
EUR	1,867,273	Term Loan, 7.67%, Maturing May 30, 2014	1,856,347
Keystone Automotive Operations, Inc.			
	1,337,055	Term Loan, 7.15%, Maturing January 12, 2012	768,807
LKQ Corp.			
	963,752	Term Loan, 6.77%, Maturing October 12, 2014	799,914
TriMas Corp.			
	234,375	Term Loan, 4.88%, Maturing August 2, 2011	178,125
	1,990,236	Term Loan, 5.63%, Maturing August 2, 2013	1,512,580
United Components, Inc.			
	1,137,153	Term Loan, 4.81%, Maturing June 30, 2010	865,658
			\$ 26,502,382

See notes to financial statements

## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

## PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount*		Borrower/Tranche Description	Value
Beverage and Tobacco 0.1%			
Culligan International Co.			
EUR	975,000	Term Loan - Second Lien, 9.78%, Maturing May 31, 2013	\$ 248,537
			\$ 248,537
Brokers, Dealers and Investment Houses 0.2%			
AmeriTrade Holding Corp.			
	730,172	Term Loan, 4.50%, Maturing December 31, 2012	\$ 610,607
			\$ 610,607
Building and Development 4.9%			
Beacon Sales Acquisition, Inc.			
	1,176,000	Term Loan, 6.02%, Maturing September 30, 2013	\$ 882,000
Brickman Group Holdings, Inc.			
	1,206,625	Term Loan, 5.12%, Maturing January 23, 2014	947,201
Capital Automotive (REIT)			
	1,232,598	Term Loan, 5.47%, Maturing December 16, 2010	785,165
Epco/Fantome, LLC			
	1,403,000	Term Loan, 5.80%, Maturing November 23, 2010	1,318,820
Forestar USA Real Estate Group, Inc.			
	1,550,000	Revolver Loan, 5.97%, Maturing December 1, 2010 <sup>(2)</sup>	1,457,000
	1,550,000	Term Loan, 7.48%, Maturing December 1, 2010	1,519,000
Hovstone Holdings, LLC			
	894,412	Term Loan, 6.75%, Maturing February 28, 2009	587,092
LNR Property Corp.			
	1,144,000	Term Loan, 6.04%, Maturing July 3, 2011	626,340
Metroflag BP, LLC			
	500,000	Term Loan - Second Lien, 14.00%, Maturing January 2, 2009	225,000
Mueller Water Products, Inc.			
	1,771,286	Term Loan, 5.22%, Maturing May 24, 2014	1,363,890
NCI Building Systems, Inc.			
	553,061	Term Loan, 5.42%, Maturing June 18, 2010	470,102
November 2005 Land Investors			
	304,148	Term Loan, 7.12%, Maturing May 9, 2011	220,507
Panolam Industries Holdings, Inc.			
	1,000,288	Term Loan, 6.51%, Maturing September 30, 2012	860,248

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Re/Max International, Inc.			
	686,972	Term Loan, 7.52%, Maturing December 17, 2012	549,578
	492,679	Term Loan, 11.52%, Maturing December 17, 2012	394,143
South Edge, LLC			
	787,500	Term Loan, 6.25%, Maturing October 31, 2009 <sup>(3)</sup>	127,969
TRU 2005 RE Holding Co.			
	4,600,000	Term Loan, 6.72%, Maturing December 9, 2008	3,361,832
Principal Amount*			
		Borrower/Tranche Description	Value
Building and Development (continued)			
United Subcontractors, Inc.			
	829,862	Term Loan - Second Lien, 12.42%, Maturing June 27, 2013 <sup>(4)</sup>	\$ 315,347
Wintergames Acquisition ULC			
	886,100	Term Loan, 10.74%, Maturing April 24, 2009	655,626
			\$ 16,666,860
Business Equipment and Services 12.2%			
ACCO Brands Corp.			
	1,017,825	Term Loan, 5.21%, Maturing August 17, 2012	\$ 712,477
Activant Solutions, Inc.			
	1,179,559	Term Loan, 6.07%, Maturing May 1, 2013	790,304
Affiliated Computer Services			
	802,312	Term Loan, 5.26%, Maturing March 20, 2013	679,458
	1,126,063	Term Loan, 5.81%, Maturing March 20, 2013	953,634
Affinion Group, Inc.			
	2,402,406	Term Loan, 5.32%, Maturing October 17, 2012	1,915,919
Allied Barton Security Service			
	1,000,000	Term Loan, 7.75%, Maturing February 21, 2015	892,500
Education Management, LLC			
	4,678,583	Term Loan, 5.56%, Maturing June 1, 2013	3,298,401
Info USA, Inc.			
	607,922	Term Loan, 5.77%, Maturing February 14, 2012	534,971
Intergraph Corp.			
	1,000,000	Term Loan, 4.81%, Maturing May 29, 2014	780,000
	1,000,000	Term Loan - Second Lien, 8.81%, Maturing November 29, 2014	777,500
iPayment, Inc.			
	2,639,164	Term Loan, 5.70%, Maturing May 10, 2013	2,045,352
ista International GmbH			
EUR	1,063,683	Term Loan, 7.12%, Maturing May 14, 2015	781,232
EUR	211,317		155,204



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		Term Loan, 7.12%, Maturing May 14, 2015	
Kronos, Inc.			
	1,078,393	Term Loan, 6.01%, Maturing June 11, 2014	738,699
Language Line, Inc.			
	2,011,655	Term Loan, 7.02%, Maturing June 11, 2011	1,699,849
Mitchell International, Inc.			
	1,000,000	Term Loan - Second Lien, 9.06%, Maturing March 28, 2015	810,000
N.E.W. Holdings I, LLC			
	1,981,955	Term Loan, 5.89%, Maturing May 22, 2014	1,531,060
Protection One, Inc.			
	895,965	Term Loan, 5.42%, Maturing March 31, 2012	725,732
Quantum Corp.			
	265,625	Term Loan, 7.26%, Maturing July 12, 2014	231,094

See notes to financial statements

## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

## PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount*	Borrower/Tranche Description	Value
Business Equipment and Services (continued)		
Quintiles Transnational Corp.		
1,700,000	Term Loan - Second Lien, 7.77%, Maturing March 31, 2014	\$ 1,232,500
Sabre, Inc.		
6,057,297	Term Loan, 5.25%, Maturing September 30, 2014	3,509,864
Serena Software, Inc.		
480,000	Term Loan, 5.50%, Maturing March 10, 2013	414,000
Sitel (Client Logic)		
1,866,855	Term Loan, 6.51%, Maturing January 29, 2014	1,120,113
Solera Holdings, LLC		
EUR 744,054	Term Loan, 6.70%, Maturing May 15, 2014	711,250
SunGard Data Systems, Inc.		
9,177,689	Term Loan, 4.55%, Maturing February 11, 2013	7,073,373
TDS Investor Corp.		
2,345,107	Term Loan, 6.01%, Maturing August 23, 2013	1,457,317
269,897	Term Loan, 6.01%, Maturing August 23, 2013	167,722
EUR 1,054,228	Term Loan, 7.39%, Maturing August 23, 2013	846,509
Transaction Network Services, Inc.		
558,888	Term Loan, 4.80%, Maturing May 4, 2012	482,041
Valassis Communications, Inc.		
464,043	Term Loan, 5.52%, Maturing March 2, 2014	326,377
1,808,629	Term Loan, 5.52%, Maturing March 2, 2014	1,272,068
VWR International, Inc.		
1,625,000	Term Loan, 5.67%, Maturing June 28, 2013	1,134,791
WAM Acquisition, S.A.		
EUR 245,946	Term Loan, 7.09%, Maturing May 4, 2014	180,441
EUR 148,939	Term Loan, 7.09%, Maturing May 4, 2014	109,271
EUR 245,946	Term Loan, 7.59%, Maturing May 4, 2015	180,441
EUR 148,939	Term Loan, 7.59%, Maturing May 4, 2015	109,271
West Corp.		
2,389,754	Term Loan, 5.73%, Maturing October 24, 2013	1,547,366
		\$ 41,928,101
Cable and Satellite Television 10.4%		
Atlantic Broadband Finance, LLC		

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	4,198,301	Term Loan, 6.02%, Maturing February 10, 2011	\$ 3,841,445
Bragg Communications, Inc.			
	2,128,500	Term Loan, 5.31%, Maturing August 31, 2014	1,862,437
Bresnan Broadband Holdings, LLC			
	500,000	Term Loan, 6.06%, Maturing March 29, 2014	396,666
	1,200,000	Term Loan - Second Lien, 7.60%, Maturing March 29, 2014	846,000
Principal Amount*		Borrower/Tranche Description	Value
Cable and Satellite Television (continued)			
Cequel Communications, LLC			
	496,222	Term Loan, 6.21%, Maturing November 5, 2013	\$ 367,962
	1,550,000	Term Loan - Second Lien, 7.30%, Maturing May 5, 2014	992,000
	3,695,326	Term Loan - Second Lien, 8.80%, Maturing May 5, 2014	2,420,439
Charter Communications Operating, Inc.			
	2,387,595	Term Loan, 5.31%, Maturing April 28, 2013	1,797,785
CSC Holdings, Inc.			
	2,952,670	Term Loan, 4.57%, Maturing March 29, 2013	2,566,715
CW Media Holdings, Inc.			
	618,750	Term Loan, 7.01%, Maturing February 15, 2015	495,000
Foxco Acquisition Sub., LLC			
	650,000	Term Loan, 7.25%, Maturing July 2, 2015	513,500
Insight Midwest Holdings, LLC			
	3,594,375	Term Loan, 5.93%, Maturing April 6, 2014	2,845,548
Mediacom Broadband Group			
	5,792,280	Term Loan, 3.89%, Maturing January 31, 2015	4,213,883
Mediacom Illinois, LLC			
	3,730,954	Term Loan, 3.64%, Maturing January 31, 2015	2,683,179
NTL Investment Holdings, Ltd.			
GBP	1,200,000	Term Loan, Maturing March 30, 2012 <sup>(5)</sup>	1,294,796
GBP	471,050	Term Loan, 8.13%, Maturing March 30, 2012	508,261
GBP	239,517	Term Loan, 8.13%, Maturing March 30, 2012	258,438
Orion Cable GmbH			
EUR	646,623	Term Loan, 7.69%, Maturing October 31, 2014	541,881
EUR	646,623	Term Loan, 8.41%, Maturing October 31, 2015	541,881
ProSiebenSat.1 Media AG			
EUR	409,546	Term Loan, 7.53%, Maturing March 2, 2015	130,497
EUR	11,076	Term Loan, 6.85%, Maturing June 26, 2015	7,680

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EUR	272,924	Term Loan, 6.85%, Maturing June 26, 2015	189,255
EUR	409,546	Term Loan, 7.78%, Maturing March 2, 2016	130,497
EUR	519,952	Term Loan - Second Lien, 8.90%, Maturing September 2, 2016	92,779
EUR	352,046	Term Loan, 12.15%, Maturing March 2, 2017	53,844
UPC Broadband Holding B.V.			
EUR	4,050,000	Term Loan, 7.01%, Maturing October 16, 2011	3,441,287
	1,950,000	Term Loan, 5.47%, Maturing December 31, 2014	1,399,125
YPSO Holding SA			
EUR	541,621	Term Loan, 7.00%, Maturing July 28, 2014	340,847
EUR	209,021	Term Loan, 7.00%, Maturing July 28, 2014	131,539
EUR	249,358	Term Loan, 7.00%, Maturing July 28, 2014	156,923
EUR	1,000,000	Term Loan, 7.25%, Maturing July 28, 2015	630,902
			\$ 35,692,991

See notes to financial statements

## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

## PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount*		Borrower/Tranche Description	Value
Chemicals and Plastics	11.3%		
Arizona Chemical, Inc.			
	500,000	Term Loan - Second Lien, 8.31%, Maturing February 28, 2014	\$ 281,250
Brenntag Holding GmbH and Co. KG			
	373,091	Term Loan, 5.07%, Maturing December 23, 2013	259,298
	1,526,909	Term Loan, 5.07%, Maturing December 23, 2013	1,061,202
	1,000,000	Term Loan - Second Lien, 7.79%, Maturing December 23, 2015	645,000
Celanese Holdings, LLC			
	4,161,625	Term Loan, 5.55%, Maturing April 2, 2014	3,382,806
Cognis GmbH			
EUR	803,279	Term Loan, 6.96%, Maturing September 15, 2013	646,030
EUR	196,721	Term Loan, 6.96%, Maturing September 15, 2013	158,211
First Chemical Holding			
EUR	965,273	Term Loan, 7.66%, Maturing December 18, 2014	865,815
Foamex, L.P.			
	1,459,647	Term Loan, 8.04%, Maturing February 12, 2013	675,087
Georgia Gulf Corp.			
	658,586	Term Loan, 9.05%, Maturing October 3, 2013	527,528
Hercules, Inc.			
	570,825	Term Loan, 4.50%, Maturing October 8, 2010	567,257
Hexion Specialty Chemicals, Inc.			
	493,750	Term Loan, 6.06%, Maturing May 5, 2012	343,568
	964,692	Term Loan, 6.06%, Maturing May 5, 2013	671,264
	4,440,908	Term Loan, 6.19%, Maturing May 5, 2013	3,090,130
INEOS Group			
EUR	750,000	Term Loan - Second Lien, 8.46%, Maturing December 14, 2012	413,432
	2,318,293	Term Loan, 5.95%, Maturing December 14, 2013	1,290,517
	2,222,278	Term Loan, 6.45%, Maturing December 14, 2014	1,216,697
Innophos, Inc.			
	572,085	Term Loan, 6.76%, Maturing August 10, 2010	491,993
Invista B.V.			
	2,472,784		2,052,411

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		Term Loan, 4.92%, Maturing April 29, 2011	
	724,056	Term Loan, 4.92%, Maturing April 29, 2011	600,966
ISP Chemco, Inc.			
	1,572,538	Term Loan, 5.06%, Maturing June 4, 2014	1,242,305
Kleopatra			
	825,000	Term Loan, 6.82%, Maturing January 3, 2016	391,875
EUR	575,000	Term Loan, 7.88%, Maturing January 3, 2016	375,594
Kranton Polymers, LLC			
	2,772,248	Term Loan, 5.31%, Maturing May 12, 2013	2,143,871
Lucite International Group Holdings			
	597,133	Term Loan, 5.37%, Maturing July 7, 2013	541,898
	211,446	Term Loan, 5.37%, Maturing July 7, 2013	168,452
Principal Amount*			
		Borrower/Tranche Description	Value
Chemicals and Plastics (continued)			
MacDermid, Inc.			
EUR	801,817	Term Loan, 7.39%, Maturing April 12, 2014	\$ 710,260
Millenium Inorganic Chemicals			
	347,375	Term Loan, 6.01%, Maturing April 30, 2014	224,057
	975,000	Term Loan - Second Lien, 9.51%, Maturing October 31, 2014	526,500
Momentive Performance Material			
	1,685,254	Term Loan, 5.38%, Maturing December 4, 2013	1,313,094
Nalco Co.			
	4,161,119	Term Loan, 5.09%, Maturing November 4, 2010	3,733,119
Propex Fabrics, Inc.			
	983,333	Term Loan, 6.88%, Maturing January 23, 2009 <sup>(2)</sup>	850,583
	799,694	Term Loan, 8.00%, Maturing July 31, 2012	241,907
Rockwood Specialties Group, Inc.			
	4,294,250	Term Loan, 4.62%, Maturing December 10, 2012	3,596,434
Schoeller Arca Systems Holding			
EUR	443,417	Term Loan, 8.40%, Maturing November 16, 2015	486,035
EUR	412,060	Term Loan, 8.40%, Maturing November 16, 2015	451,665
EUR	144,523	Term Loan, 8.40%, Maturing November 16, 2015	158,413
Solo Cup Co.			
	1,625,226	Term Loan, 6.65%, Maturing February 27, 2011	1,412,593
Wellman, Inc.			
	2,184,998	Term Loan, 6.74%, Maturing February 10, 2009 <sup>(3)</sup>	1,035,689
			\$ 38,844,806
Clothing / Textiles 0.5%			

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Hanesbrands, Inc.			
		Term Loan - Second Lien, 7.27%, Maturing	
	850,000	March 5, 2014	\$ 665,833
St. John Knits International, Inc.			
		Term Loan, 6.17%, Maturing	
	528,149	March 23, 2012	441,004
The William Carter Co.			
		Term Loan, 4.76%, Maturing July	
	626,968	14, 2012	528,221
			\$ 1,635,058
Conglomerates 5.0%			
Amsted Industries, Inc.			
		Term Loan, 6.56%, Maturing	
	1,693,128	October 15, 2010	\$ 1,303,709
Blount, Inc.			
		Term Loan, 4.50%, Maturing	
	276,658	August 9, 2010	242,076
Doncasters (Dunde HoldCo 4 Ltd.)			
		Term Loan, 4.85%, Maturing July	
	427,981	13, 2015	318,846
		Term Loan, 5.35%, Maturing July	
	427,981	13, 2015	318,846
		Term Loan - Second Lien, 9.77%, Maturing	
GBP	500,000	January 13, 2016	527,062

See notes to financial statements

## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

## PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount*	Borrower/Tranche Description	Value
Conglomerates (continued)		
GenTek, Inc.		
499,828	Term Loan, 6.30%, Maturing February 25, 2011	\$ 428,603
Jarden Corp.		
2,133,773	Term Loan, 5.51%, Maturing January 24, 2012	1,747,027
1,202,461	Term Loan, 5.51%, Maturing January 24, 2012	984,515
Johnson Diversey, Inc.		
1,642,481	Term Loan, 4.79%, Maturing December 16, 2011	1,305,772
Polymer Group, Inc.		
2,306,352	Term Loan, 5.73%, Maturing November 22, 2012	1,833,550
RBS Global, Inc.		
792,218	Term Loan, 5.76%, Maturing July 19, 2013	629,814
3,784,836	Term Loan, 6.37%, Maturing July 19, 2013	3,027,869
RGIS Holdings, LLC		
2,822,607	Term Loan, 5.46%, Maturing April 30, 2014	1,938,191
141,130	Term Loan, 5.62%, Maturing April 30, 2014	96,910
The Manitowoc Company, Inc.		
1,250,000	Term Loan, Maturing August 21, 2014 <sup>(5)</sup>	988,125
US Investigations Services, Inc.		
905,702	Term Loan, 5.95%, Maturing February 21, 2015	643,048
Vertrue, Inc.		
841,500	Term Loan, 6.77%, Maturing August 16, 2014	631,125
		\$ 16,965,088
Containers and Glass Products 4.5%		
Consolidated Container Co.		
1,000,000	Term Loan - Second Lien, 8.69%, Maturing September 28, 2014	\$ 387,500
Crown Americas, Inc.		
612,500	Term Loan, 6.34%, Maturing November 15, 2012	539,000
Graham Packaging Holdings Co.		
3,686,250	Term Loan, 5.74%, Maturing October 7, 2011	3,019,039
Graphic Packaging International, Inc.		
4,475,625	Term Loan, 5.75%, Maturing May 16, 2014	3,670,012
1,478,179	Term Loan, 6.86%, Maturing May 16, 2014	1,259,224
JSG Acquisitions		



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	1,845,000	Term Loan, 6.16%, Maturing December 31, 2013	1,194,638
	1,845,000	Term Loan, 6.41%, Maturing December 13, 2014	1,194,638
Owens-Brockway Glass Container			
	1,555,938	Term Loan, 6.09%, Maturing June 14, 2013	1,324,492
Smurfit-Stone Container Corp.			
	1,420,448	Term Loan, 4.88%, Maturing November 1, 2011	1,129,256
	729,847	Term Loan, 4.90%, Maturing November 1, 2011	580,228
	625,684	Term Loan, 5.13%, Maturing November 1, 2011	497,419
	650,961	Term Loan, 5.93%, Maturing November 1, 2011	517,514
			\$ 15,312,960
Principal Amount*		Borrower/Tranche Description	Value
Cosmetics / Toiletries 0.8%			
American Safety Razor Co.			
	491,806	Term Loan, 5.92%, Maturing July 31, 2013	\$ 420,494
	900,000	Term Loan - Second Lien, 9.41%, Maturing July 31, 2014	751,500
KIK Custom Products, Inc.			
	975,000	Term Loan - Second Lien, 8.54%, Maturing November 30, 2014	324,188
Prestige Brands, Inc.			
	1,314,380	Term Loan, 5.82%, Maturing April 7, 2011	1,058,076
			\$ 2,554,258
Drugs 1.4%			
Graceway Pharmaceuticals, LLC			
	754,801	Term Loan, 6.51%, Maturing May 3, 2012	\$ 530,876
	1,000,000	Term Loan - Second Lien, 10.26%, Maturing May 3, 2013	540,000
	275,000	Term Loan, 12.01%, Maturing November 3, 2013	177,375
Pharmaceutical Holdings Corp.			
	394,289	Term Loan, 6.51%, Maturing January 30, 2012	331,203
Stiefel Laboratories, Inc.			
	713,546	Term Loan, 7.00%, Maturing December 28, 2013	581,540
	932,896	Term Loan, 7.00%, Maturing December 28, 2013	760,310
Warner Chilcott Corp.			
	625,691	Term Loan, 5.76%, Maturing January 18, 2012	517,134
	1,667,577	Term Loan, 5.76%, Maturing January 18, 2012	1,378,252
			\$ 4,816,690
Ecological Services and Equipment 2.8%			
Allied Waste Industries, Inc.			
	1,271,218	Term Loan, 4.90%, Maturing January 15, 2012	\$ 1,216,132
	1,778,721	Term Loan, 5.44%, Maturing January 15, 2012	1,701,644

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Blue Waste B.V. (AVR Acquisition)

EUR	1,000,000	Term Loan, 7.21%, Maturing April 1, 2015	1,010,081
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Cory Environmental Holdings

GBP	500,000	Term Loan - Second Lien, 9.88%, Maturing September 30, 2014	704,091
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Environmental Systems Products Holdings, Inc.

	1,165,123	Term Loan - Second Lien, 13.74%, Maturing December 12, 2010	840,753
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IESI Corp.

	970,588	Term Loan, 4.56%, Maturing January 20, 2012	805,588
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Kemble Water Structure, Ltd.

GBP	1,250,000	Term Loan, 10.16%, Maturing October 13, 2013	1,398,123
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Sensus Metering Systems, Inc.

	2,113,043	Term Loan, 5.20%, Maturing December 17, 2010	1,954,565
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\$ 9,630,977

See notes to financial statements

## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

## PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount*	Borrower/Tranche Description	Value
Electronics / Electrical 3.9%		
Aspect Software, Inc.		
1,079,500	Term Loan, 6.25%, Maturing July 11, 2011	\$ 874,395
1,800,000	Term Loan - Second Lien, 10.00%, Maturing July 11, 2013	1,368,000
FCI International S.A.S.		
215,870	Term Loan, 6.47%, Maturing November 1, 2013	174,855
207,823	Term Loan, 6.47%, Maturing November 1, 2013	168,337
207,823	Term Loan, 6.47%, Maturing November 1, 2013	168,337
215,870	Term Loan, 6.47%, Maturing November 1, 2013	174,855
Infor Enterprise Solutions Holdings		
2,916,533	Term Loan, 7.52%, Maturing July 28, 2012	1,844,707
1,521,670	Term Loan, 7.52%, Maturing July 28, 2012	962,456
500,000	Term Loan - Second Lien, 9.26%, Maturing March 2, 2014	160,000
183,333	Term Loan - Second Lien, 10.01%, Maturing March 2, 2014	58,667
316,667	Term Loan - Second Lien, 10.01%, Maturing March 2, 2014	102,125
Network Solutions, LLC		
672,016	Term Loan, 5.95%, Maturing March 7, 2014	386,409
Open Solutions, Inc.		
2,068,868	Term Loan, 5.96%, Maturing January 23, 2014	1,137,878
Sensata Technologies Finance Co.		
2,756,798	Term Loan, 5.26%, Maturing April 27, 2013	1,780,891
Spectrum Brands, Inc.		
57,117	Term Loan, 4.70%, Maturing March 30, 2013	39,197
1,137,544	Term Loan, 7.58%, Maturing March 30, 2013	780,639
VeriFone, Inc.		
716,875	Term Loan, 5.87%, Maturing October 31, 2013	609,344
Vertafore, Inc.		
2,216,460	Term Loan, 5.31%, Maturing January 31, 2012	1,800,874
850,000	Term Loan - Second Lien, 8.81%, Maturing January 31, 2013	582,250

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Principal Amount*	Borrower/Tranche Description	Value
		\$ 13,174,216
<b>Equipment Leasing 0.5%</b>		
<b>AWAS Capital, Inc.</b>	Term Loan - Second Lien, 9.25%, Maturing March 22, 2013	\$ 1,060,587
	1,844,498	
<b>The Hertz Corp.</b>	Term Loan, 4.55%, Maturing December 21, 2012	788,333
	1,086,286	
	Term Loan, 4.70%, Maturing December 21, 2012	10,745
	14,807	
		\$ 1,859,665
<b>Farming / Agriculture 0.7%</b>		
<b>BF Bolthouse HoldCo, LLC</b>	Term Loan - Second Lien, 9.26%, Maturing December 16, 2013	\$ 874,000
	1,150,000	
<b>Central Garden &amp; Pet Co.</b>	Term Loan, 4.74%, Maturing February 28, 2014	1,360,552
	2,023,125	
		\$ 2,234,552
<b>Financial Intermediaries 2.8%</b>		
<b>Citco III, Ltd.</b>	Term Loan, 5.13%, Maturing June 30, 2014	\$ 2,140,474
	2,642,561	
<b>Grosvenor Capital Management</b>	Term Loan, 5.59%, Maturing December 5, 2013	1,159,929
	1,449,911	
<b>INVESTools, Inc.</b>	Term Loan, 6.25%, Maturing August 13, 2012	349,440
	384,000	
<b>Jupiter Asset Management Group</b>	Term Loan, 7.89%, Maturing June 30, 2015	508,224
<b>GBP</b>	418,271	
<b>LPL Holdings, Inc.</b>	Term Loan, 5.51%, Maturing December 18, 2014	3,224,966
	4,031,207	
<b>Nuveen Investments, Inc.</b>	Term Loan, 6.35%, Maturing November 2, 2014	846,331
	1,467,625	
<b>Oxford Acquisition III, Ltd.</b>	Term Loan, 5.58%, Maturing May 24, 2014	570,337
	902,908	
<b>RJO Holdings Corp. (RJ O'Brien)</b>	Term Loan, 6.00%, Maturing July 31, 2014 <sup>(4)</sup>	338,580
	470,250	
<b>Travellex America Holdings, Inc.</b>	Term Loan, 5.93%, Maturing October 31, 2013	294,375
	375,000	
	Term Loan, 6.43%, Maturing October 31, 2014	294,375
	375,000	
		\$ 9,727,031
<b>Food Products 4.0%</b>		
<b>Acosta, Inc.</b>	Term Loan, 5.37%, Maturing July 28, 2013	\$ 2,236,164
	3,032,087	

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Advantage Sales & Marketing, Inc.			
	2,238,665	Term Loan, 5.20%, Maturing March 29, 2013	1,572,662
Black Lion Beverages III B.V.			
EUR	147,059	Term Loan, 6.90%, Maturing December 31, 2013	129,517
EUR	852,941	Term Loan, 7.01%, Maturing December 31, 2014	751,197
Dean Foods Co.			
	4,415,318	Term Loan, 5.26%, Maturing April 2, 2014	3,326,669
Pinnacle Foods Finance, LLC			
	1,727,813	Term Loan, 6.76%, Maturing April 2, 2014	1,254,392
Provimi Group SA			
	252,404	Term Loan, 5.37%, Maturing June 28, 2015	203,816
	205,103	Term Loan, 5.37%, Maturing June 28, 2015	165,620

See notes to financial statements

## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

## PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount*		Borrower/Tranche Description	Value
Food Products (continued)			
EUR	457,186	Term Loan, 6.75%, Maturing June 28, 2015	\$ 470,535
EUR	265,285	Term Loan, 6.75%, Maturing June 28, 2015	273,031
EUR	438,752	Term Loan, 6.75%, Maturing June 28, 2015	451,563
EUR	598,067	Term Loan, 6.75%, Maturing June 28, 2015	615,530
EUR	24,182	Term Loan - Second Lien, 8.75%, Maturing June 28, 2015	21,806
	282,126	Term Loan - Second Lien, 7.95%, Maturing December 28, 2016 <sup>(2)</sup>	199,604
EUR	697,446	Term Loan - Second Lien, 8.75%, Maturing December 28, 2016 <sup>(2)</sup>	628,917
Reddy Ice Group, Inc.			
	1,970,000	Term Loan, 6.50%, Maturing August 9, 2012	1,472,575
			\$ 13,773,598
Food Service 2.5%			
AFC Enterprises, Inc.			
	430,624	Term Loan, 6.06%, Maturing May 23, 2009	\$ 340,193
Aramark Corp.			
GBP	982,500	Term Loan, 8.38%, Maturing January 27, 2014	1,264,949
Buffets, Inc.			
	453,687	Term Loan, 10.42%, Maturing January 22, 2009	140,643
	45,200	Term Loan, 10.42%, Maturing January 22, 2009	14,012
	1,108,550	DIP Loan, 12.25%, Maturing January 22, 2009	1,114,093
	140,295	Term Loan, 10.97%, Maturing May 1, 2013	41,387
	943,706	Term Loan, 10.42%, Maturing November 1, 2013	278,393
CBRL Group, Inc.			
	1,742,522	Term Loan, 4.30%, Maturing April 27, 2013	1,338,837
JRD Holdings, Inc.			
	549,219	Term Loan, 5.75%, Maturing June 26, 2014	417,406
NPC International, Inc.			
	373,356	Term Loan, 5.40%, Maturing May 3, 2013	272,550
OSI Restaurant Partners, LLC			
	185,739	Term Loan, 5.28%, Maturing May 9, 2013	97,668
	2,276,138	Term Loan, 5.25%, Maturing May 9, 2014	1,196,869

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QCE Finance, LLC			
	1,225,559	Term Loan, 5.81%, Maturing May 5, 2013	808,869
	950,000	Term Loan - Second Lien, 9.51%, Maturing November 5, 2013	562,875
Sagittarius Restaurants, LLC			
	358,903	Term Loan, 9.50%, Maturing March 29, 2013	174,068
Selecta			
	741,246	Term Loan - Second Lien, 9.12%, Maturing December 28, 2015	550,320
EUR			\$ 8,613,132
Principal Amount*			
		Borrower/Tranche Description	Value
Food / Drug Retailers 4.4%			
General Nutrition Centers, Inc.			
	3,414,143	Term Loan, 6.14%, Maturing September 16, 2013	\$ 2,367,138
Iceland Foods Group, Ltd.			
GBP	1,250,000	Term Loan, 7.61%, Maturing May 2, 2014	1,745,139
GBP	1,250,000	Term Loan, 8.61%, Maturing May 2, 2015	1,745,139
Pantry, Inc. (The)			
	825,660	Term Loan, 4.87%, Maturing May 15, 2014	586,218
	237,694	Term Loan, 4.87%, Maturing May 15, 2014	168,763
Rite Aid Corp.			
	6,368,000	Term Loan, 5.01%, Maturing June 1, 2014	4,728,240
	1,075,000	Term Loan, 6.00%, Maturing June 4, 2014	849,250
Roundy's Supermarkets, Inc.			
	3,365,208	Term Loan, 5.38%, Maturing November 3, 2011	2,734,232
			\$ 14,924,119
Forest Products 2.6%			
Appleton Papers, Inc.			
	1,333,125	Term Loan, 5.38%, Maturing June 5, 2014	\$ 1,073,166
Georgia-Pacific Corp.			
	6,776,007	Term Loan, 4.65%, Maturing December 20, 2012	5,644,793
Newpage Corp.			
	1,488,750	Term Loan, 7.00%, Maturing December 5, 2014	1,215,459
Xerium Technologies, Inc.			
	1,239,095	Term Loan, 9.26%, Maturing May 18, 2012	916,930
			\$ 8,850,348
Healthcare 16.5%			
Accellent, Inc.			
	2,307,508	Term Loan, 5.31%, Maturing November 22, 2012	\$ 1,592,181
Advanced Medical Optics, Inc.			
	985,167		716,709

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		Term Loan, 4.76%, Maturing April 2, 2014	
Alliance Imaging, Inc.			
	1,022,942	Term Loan, 5.78%, Maturing December 29, 2011	889,960
American Medical Systems			
	1,068,448	Term Loan, 5.44%, Maturing July 20, 2012	918,865
AMN Healthcare, Inc.			
	271,348	Term Loan, 5.51%, Maturing November 2, 2011	236,073
AMR HoldCo, Inc.			
	1,864,721	Term Loan, 4.82%, Maturing February 10, 2012	1,659,602
Biomet, Inc.			
	1,796,250	Term Loan, 6.76%, Maturing December 26, 2014	1,567,677
		Term Loan, 8.14%, Maturing December 26, 2014	
EUR	1,212,750		1,325,447
Bright Horizons Family Solutions, Inc.			
	947,625	Term Loan, 7.50%, Maturing May 15, 2015	754,942

See notes to financial statements

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## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

## PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount*		Borrower/Tranche Description	Value
Healthcare (continued)			
Cario AB			
EUR	169,803	Term Loan, 7.16%, Maturing April 24, 2015	\$ 165,131
EUR	204,134	Term Loan, 7.16%, Maturing April 24, 2015	198,517
EUR	169,803	Term Loan, 7.29%, Maturing April 16, 2016	165,131
EUR	152,245	Term Loan, 7.29%, Maturing April 24, 2016	148,056
Cardinal Health 409, Inc.			
	4,236,487	Term Loan, 6.01%, Maturing April 10, 2014	2,743,125
Carestream Health, Inc.			
	2,855,873	Term Loan, 5.43%, Maturing April 30, 2013	1,880,116
	1,000,000	Term Loan - Second Lien, 8.32%, Maturing October 30, 2013	491,250
Carl Zeiss Vision Holding GmbH			
	1,300,000	Term Loan, 5.62%, Maturing March 23, 2015	743,167
Community Health Systems, Inc.			
	385,151	Term Loan, 0.00%, Maturing July 25, 2014 <sup>(2)</sup>	309,613
	7,528,298	Term Loan, 5.16%, Maturing July 25, 2014	6,051,811
Concentra, Inc.			
	600,000	Term Loan - Second Lien, 9.27%, Maturing June 25, 2015	210,000
ConMed Corp.			
	472,389	Term Loan, 4.67%, Maturing April 13, 2013	387,359
Convatec Cidron Healthcare B			
EUR	750,000	Term Loan, 9.39%, Maturing July 30, 2016	876,253
CRC Health Corp.			
	490,000	Term Loan, 6.01%, Maturing February 6, 2013	338,100
	487,550	Term Loan, 6.01%, Maturing February 6, 2013	336,410
Dako EQT Project Delphi			
	500,000	Term Loan - Second Lien, 7.63%, Maturing December 12, 2016	200,000
DaVita, Inc.			
	3,547,997	Term Loan, 4.67%, Maturing October 5, 2012	3,091,827
DJO Finance, LLC			
	794,000	Term Loan, 6.74%, Maturing May 15, 2014	607,410
Fenwal, Inc.			

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	500,000	Term Loan - Second Lien, 8.06%, Maturing August 28, 2014	358,750
Fresenius Medical Care Holdings			
	496,650	Term Loan, 5.00%, Maturing March 31, 2013	423,146
Hanger Orthopedic Group, Inc.			
	703,142	Term Loan, 5.18%, Maturing May 30, 2013	551,967
HCA, Inc.			
	5,653,906	Term Loan, 6.01%, Maturing November 18, 2013	4,680,021
Health Management Association, Inc.			
	3,231,087	Term Loan, 5.51%, Maturing February 28, 2014	2,277,917
HealthSouth Corp.			
	2,386,469	Term Loan, 5.50%, Maturing March 10, 2013	1,983,089
Principal Amount*		Borrower/Tranche Description	Value
Healthcare (continued)			
Iasis Healthcare, LLC			
	77,901	Term Loan, 4.58%, Maturing March 14, 2014	\$ 63,100
	291,400	Term Loan, 5.12%, Maturing March 14, 2014	236,034
	842,144	Term Loan, 5.12%, Maturing March 14, 2014	682,136
Ikaria Acquisition, Inc.			
	531,203	Term Loan, 5.67%, Maturing March 28, 2013	504,643
IM U.S. Holdings, LLC			
	992,462	Term Loan, 5.16%, Maturing June 26, 2014	732,768
	625,000	Term Loan - Second Lien, 7.75%, Maturing June 26, 2015	437,500
Invacare Corp.			
	660,100	Term Loan, 5.60%, Maturing February 12, 2013	564,386
Leiner Health Products, Inc.			
	97,791	Term Loan, 8.75%, Maturing May 27, 2011 <sup>(3)</sup>	92,901
LifePoint Hospitals, Inc.			
	2,063,187	Term Loan, 4.44%, Maturing April 15, 2012	1,739,524
MultiPlan Merger Corp.			
	1,565,547	Term Loan, 5.63%, Maturing April 12, 2013	1,232,868
	1,117,851	Term Loan, 5.63%, Maturing April 12, 2013	880,307
Mylan, Inc.			
	595,500	Term Loan, 6.90%, Maturing October 2, 2014	514,151
National Mentor Holdings, Inc.			
	61,600	Term Loan, 4.94%, Maturing June 29, 2013	52,052
	1,015,036	Term Loan, 5.77%, Maturing June 29, 2013	857,705
National Rental Institutes, Inc.			

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	813,255	Term Loan, 6.06%, Maturing March 31, 2013	538,781
Nyco Holdings			
EUR	984,850	Term Loan, 7.42%, Maturing December 29, 2014	686,459
EUR	984,850	Term Loan, 8.17%, Maturing December 29, 2015	686,459
Physiotherapy Associates, Inc.			
	754,379	Term Loan, 8.50%, Maturing June 27, 2013	546,925
RadNet Management, Inc.			
	540,378	Term Loan, 7.06%, Maturing November 15, 2012	432,303
ReAble Therapeutics Finance, LLC			
	2,593,076	Term Loan, 5.76%, Maturing November 16, 2013	1,957,773
Renal Advantage, Inc.			
	872	Term Loan, 5.32%, Maturing October 5, 2012	650
Select Medical Holdings Corp.			
	2,121,812	Term Loan, 4.91%, Maturing February 24, 2012	1,633,795
Sunrise Medical Holdings, Inc.			
	500,515	Term Loan, 7.90%, Maturing May 13, 2010	383,795
Vanguard Health Holding Co., LLC			
	2,155,024	Term Loan, 5.74%, Maturing September 23, 2011	1,839,852
Viant Holdings, Inc.			
	518,438	Term Loan, 6.02%, Maturing June 25, 2014	308,470
			\$ 56,484,959

See notes to financial statements

## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

## PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount*	Borrower/Tranche Description	Value
Home Furnishings 2.4%		
Hunter Fan Co.		
428,252	Term Loan, 5.31%, Maturing April 16, 2014	\$ 239,821
Interline Brands, Inc.		
980,687	Term Loan, 4.75%, Maturing June 23, 2013	755,129
679,130	Term Loan, 4.75%, Maturing June 23, 2013	522,930
National Bedding Co., LLC		
1,483,674	Term Loan, 5.35%, Maturing August 31, 2011	982,934
2,050,000	Term Loan - Second Lien, 8.40%, Maturing August 31, 2012	1,291,500
Sealy Mattress Co.		
2,850,000	Term Loan, 4.30%, Maturing August 25, 2011	2,408,250
Simmons Co.		
2,799,380	Term Loan, 5.44%, Maturing December 19, 2011	1,987,560
1,000,000	Term Loan, 8.35%, Maturing February 15, 2012	177,500
		\$ 8,365,624
Industrial Equipment 4.8%		
Brand Energy and Infrastructure Services, Inc.		
792,000	Term Loan, 6.96%, Maturing February 7, 2014	\$ 621,720
CEVA Group PLC U.S.		
1,005,694	Term Loan, 6.76%, Maturing November 4, 2013	807,069
2,258,500	Term Loan, 6.17%, Maturing January 4, 2014	1,812,446
3,500,698	Term Loan, 6.75%, Maturing January 4, 2014	2,809,310
EPD Holdings (Goodyear Engineering Products)		
147,324	Term Loan, 5.50%, Maturing July 13, 2014	106,810
1,028,672	Term Loan, 5.50%, Maturing July 13, 2014	745,787
775,000	Term Loan - Second Lien, 8.75%, Maturing July 13, 2015	449,500
FR Brand Acquisition Corp.		
738,750	Term Loan, 6.00%, Maturing February 7, 2014	561,450
Generac Acquisition Corp.		
1,762,302	Term Loan, 6.65%, Maturing November 7, 2013	1,113,188
500,000	Term Loan - Second Lien, 10.15%, Maturing April 7, 2014	162,500
Gleason Corp.		
138,408		118,339

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		Term Loan, 5.22%, Maturing June 30, 2013	
	568,403	Term Loan, 5.22%, Maturing June 30, 2013	485,985
Itron, Inc.			
EUR	304,448	Term Loan, 6.89%, Maturing April 18, 2014	334,679
Jason, Inc.			
	436,764	Term Loan, 5.50%, Maturing April 30, 2010	340,676
John Maneely Co.			
	2,813,829	Term Loan, 7.66%, Maturing December 8, 2013	2,075,199
KION Group GmbH			
	250,000	Term Loan, 5.12%, Maturing December 23, 2014	155,250
	250,000	Term Loan, 5.62%, Maturing December 23, 2015	155,250
Principal Amount*		Borrower/Tranche Description	Value
Industrial Equipment (continued)			
Polypore, Inc.			
	2,987,188	Term Loan, 5.39%, Maturing July 3, 2014	\$ 2,330,006
Sequa Corp.			
	795,043	Term Loan, 6.38%, Maturing November 30, 2014	597,276
TFS Acquisition Corp.			
	686,000	Term Loan, 7.26%, Maturing August 11, 2013	637,980
			\$ 16,420,420
Insurance 4.0%			
Alliant Holdings I, Inc.			
	965,250	Term Loan, 6.76%, Maturing August 21, 2014	\$ 666,023
AmWINS Group, Inc.			
	994,962	Term Loan, 5.39%, Maturing June 8, 2013	726,322
	500,000	Term Loan - Second Lien, 8.50%, Maturing June 8, 2014	315,000
Applied Systems, Inc.			
	1,280,659	Term Loan, 6.23%, Maturing September 26, 2013	1,056,544
CCC Information Services Group, Inc.			
	1,578,926	Term Loan, 6.02%, Maturing February 10, 2013	1,271,035
Conseco, Inc.			
	3,460,130	Term Loan, 5.00%, Maturing October 10, 2013	2,292,336
Crawford & Company			
	1,222,000	Term Loan, 6.52%, Maturing October 31, 2013	1,063,140
Crump Group, Inc.			
	917,637	Term Loan, 6.71%, Maturing August 4, 2014	683,639
Getty Images, Inc.			
	2,025,000	Term Loan, 8.05%, Maturing July 2, 2015	1,843,763
Hub International Holdings, Inc.			
	603,960		416,732

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		Term Loan, 6.26%, Maturing June 13, 2014	
	2,687,609	Term Loan, 6.26%, Maturing June 13, 2014	1,854,450
U.S.I. Holdings Corp.			
	1,826,875	Term Loan, 6.52%, Maturing May 4, 2014	1,329,052
			\$ 13,518,036
Leisure Goods / Activities / Movies 11.6%			
24 Hour Fitness Worldwide, Inc.			
	1,633,125	Term Loan, 6.18%, Maturing June 8, 2012	\$ 1,216,678
AMC Entertainment, Inc.			
	2,818,322	Term Loan, 5.01%, Maturing January 26, 2013	2,161,301
AMF Bowling Worldwide, Inc.			
	1,000,000	Term Loan - Second Lien, 9.07%, Maturing December 8, 2013	575,000
Bombardier Recreational Products			
	1,822,785	Term Loan, 6.16%, Maturing June 28, 2013	1,262,278

See notes to financial statements

## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

## PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount*	Borrower/Tranche Description	Value
Leisure Goods / Activities / Movies (continued)		
Butterfly Wendel US, Inc.		
287,796	Term Loan, 5.63%, Maturing June 22, 2013	\$ 220,164
287,890	Term Loan, 5.38%, Maturing June 22, 2014	220,236
Carmike Cinemas, Inc.		
992,308	Term Loan, 6.31%, Maturing May 19, 2012	796,327
789,956	Term Loan, 6.47%, Maturing May 19, 2012	633,940
Cedar Fair, L.P.		
1,963,787	Term Loan, 5.12%, Maturing August 30, 2012	1,443,383
Cinemark, Inc.		
4,540,709	Term Loan, 4.64%, Maturing October 5, 2013	3,481,212
Deluxe Entertainment Services		
1,131,100	Term Loan, 5.67%, Maturing January 28, 2011	904,880
109,057	Term Loan, 6.01%, Maturing January 28, 2011	87,246
59,055	Term Loan, 6.01%, Maturing January 28, 2011	47,244
Easton-Bell Sports, Inc.		
1,273,026	Term Loan, 5.29%, Maturing March 16, 2012	1,008,873
Fender Musical Instruments Corp.		
659,429	Term Loan, 5.17%, Maturing June 9, 2014	412,143
334,724	Term Loan, 6.02%, Maturing June 9, 2014	209,203
HRP Myrtle Beach Operations, LLC/HRP Myrtle Beach Capital Corp.		
5,221	DIP Loan, 18.72%, Maturing March 30, 2010 <sup>(4)</sup>	5,221
Mega Blocks, Inc.		
1,596,375	Term Loan, 8.75%, Maturing July 26, 2012	917,916
Metro-Goldwyn-Mayer Holdings, Inc.		
7,856,007	Term Loan, 7.01%, Maturing April 8, 2012	3,972,194
National CineMedia, LLC		
2,750,000	Term Loan, 4.57%, Maturing February 13, 2015	1,915,834
Regal Cinemas Corp.		
5,958,848	Term Loan, 5.26%, Maturing November 10, 2010	4,505,551
Revolution Studios Distribution Co., LLC		
1,048,667	Term Loan, 6.87%, Maturing December 21, 2014	870,394
800,000	Term Loan, 10.12%, Maturing June 21, 2015	568,000
Six Flags Theme Parks, Inc.		

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	2,110,625	Term Loan, 5.69%, Maturing April 30, 2015	1,382,459
Southwest Sports Group, LLC			
	1,875,000	Term Loan, 6.31%, Maturing December 22, 2010	1,453,125
Ticketmaster			
	1,750,000	Term Loan, 6.64%, Maturing July 22, 2014	1,452,500
Universal City Development Partners, Ltd.			
	1,721,345	Term Loan, 6.68%, Maturing June 9, 2011	1,480,357
WMG Acquisition Corp.			
	875,000	Revolving Loan, 0.00%, Maturing February 28, 2010 <sup>(2)</sup>	737,188
	6,104,804	Term Loan, 5.06%, Maturing February 28, 2011	4,944,891
Zuffa, LLC			
	1,358,459	Term Loan, 5.81%, Maturing June 20, 2016	849,037
			\$ 39,734,775

Principal Amount*		Borrower/Tranche Description	Value
Lodging and Casinos	3.5%		
Ameristar Casinos, Inc.			
	1,069,750	Term Loan, 5.77%, Maturing November 10, 2012	\$ 615,106
Isle of Capri Casinos, Inc.			
	1,321,507	Term Loan, 5.51%, Maturing November 30, 2013	896,422
	398,460	Term Loan, 5.51%, Maturing November 30, 2013	270,289
	528,603	Term Loan, 5.51%, Maturing November 30, 2013	358,569
LodgeNet Entertainment Corp.			
	2,262,371	Term Loan, 5.77%, Maturing April 4, 2014	1,323,487
New World Gaming Partners, Ltd.			
	1,013,177	Term Loan, 6.26%, Maturing June 30, 2014	506,589
	204,167	Term Loan, 6.55%, Maturing June 30, 2014	102,083
Penn National Gaming, Inc.			
	5,372,900	Term Loan, 5.01%, Maturing October 3, 2012	4,492,341
Venetian Casino Resort/Las Vegas Sands Inc.			
	862,838	Term Loan, 5.52%, Maturing May 14, 2014	496,347
	3,416,750	Term Loan, 5.52%, Maturing May 23, 2014	1,965,485
Wimar OpCo, LLC			
	1,883,308	Term Loan, 7.25%, Maturing January 3, 2012	874,169
			\$ 11,900,887
Nonferrous Metals / Minerals	2.3%		
Alpha Natural Resources, LLC			
	815,937	Term Loan, 5.56%, Maturing October 26, 2012	\$ 755,762
Euramax International, Inc.			
	580,533	Term Loan, 8.00%, Maturing June 28, 2012	299,942



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		Term Loan - Second Lien, 11.50%, Maturing June 28, 2013	238,125
	501,316		
		Term Loan - Second Lien, 11.50%, Maturing June 28, 2013	118,125
	248,684		
Murray Energy Corp.		Term Loan, 6.94%, Maturing January 28, 2010	780,782
	897,450		
Noranda Aluminum Acquisition		Term Loan, 4.81%, Maturing May 18, 2014	1,784,615
	2,230,769		
Novelis, Inc.		Term Loan, 5.77%, Maturing June 28, 2014	446,180
	624,902		
	1,374,785	Term Loan, 5.77%, Maturing June 28, 2014	981,597
Oxbow Carbon and Mineral Holdings		Term Loan, 5.76%, Maturing May 8, 2014	197,550
	272,483		
	3,043,633	Term Loan, 5.76%, Maturing May 8, 2014	2,206,634
			\$ 7,809,312

See notes to financial statements

## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

## PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount*	Borrower/Tranche Description	Value
Oil and Gas 2.6%		
Atlas Pipeline Partners, L.P.		
1,500,000	Term Loan, 5.68%, Maturing July 20, 2014	\$ 1,233,750
Big West Oil, LLC		
398,750	Term Loan, 5.25%, Maturing May 1, 2014	269,156
317,188	Term Loan, 5.25%, Maturing May 1, 2014	214,102
Dresser, Inc.		
1,431,601	Term Loan, 5.07%, Maturing May 4, 2014	1,041,938
1,000,000	Term Loan - Second Lien, 8.56%, Maturing May 4, 2015	618,333
Dynegy Holdings, Inc.		
226,021	Term Loan, 4.62%, Maturing April 2, 2013	167,444
2,772,266	Term Loan, 4.62%, Maturing April 2, 2013	2,053,786
Enterprise GP Holdings, L.P.		
1,125,000	Term Loan, 6.68%, Maturing October 31, 2014	950,625
Niska Gas Storage		
46,882	Term Loan, 4.84%, Maturing May 13, 2011	39,264
65,433	Term Loan, 4.84%, Maturing May 13, 2011	54,800
96,596	Term Loan, 4.85%, Maturing May 13, 2011	80,899
598,227	Term Loan, 4.85%, Maturing May 12, 2013	501,015
Targa Resources, Inc.		
1,365,968	Term Loan, 5.14%, Maturing October 31, 2012	1,043,599
955,639	Term Loan, 5.97%, Maturing October 31, 2012	730,108
		\$ 8,998,819
Publishing 9.6%		
American Media Operations, Inc.		
4,176,400	Term Loan, 7.56%, Maturing January 31, 2013	\$ 2,808,629
Aster Zweite Beteiligungs GmbH		
775,000	Term Loan, 6.13%, Maturing September 27, 2013	486,313
CanWest MediaWorks, Ltd.		
790,000	Term Loan, 4.81%, Maturing July 10, 2014	564,850
Dex Media West, LLC		
2,370,000	Term Loan, 7.54%, Maturing October 24, 2014	1,320,090
GateHouse Media Operating, Inc.		
2,078,261	Term Loan, 4.81%, Maturing August 28, 2014	512,638

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	871,739	Term Loan, 4.98%, Maturing August 28, 2014	215,029
	675,000	Term Loan, 5.07%, Maturing August 28, 2014	312,188
Idearc, Inc.			
	10,321,460	Term Loan, 5.74%, Maturing November 17, 2014	4,455,434
Laureate Education, Inc.			
	351,599	Term Loan, 7.00%, Maturing August 17, 2014	251,393
	2,349,558	Term Loan, 7.00%, Maturing August 17, 2014	1,679,934
Local Insight Regatta Holdings, Inc.			
	1,695,750	Term Loan, 7.77%, Maturing April 23, 2015	1,401,821
MediaNews Group, Inc.			
	704,802	Term Loan, 7.07%, Maturing August 2, 2013	370,021
Principal Amount*		Borrower/Tranche Description	Value
Publishing (continued)			
Mediannuaire Holding			
EUR	500,000	Term Loan - Second Lien, 9.38%, Maturing April 10, 2016	\$ 267,656
Merrill Communications, LLC			
	1,277,560	Term Loan, 5.98%, Maturing February 9, 2009	830,414
	1,000,000	Term Loan - Second Lien, 10.22%, Maturing November 15, 2013	425,000
Nebraska Book Co., Inc.			
	1,383,997	Term Loan, 6.38%, Maturing March 4, 2011	1,010,318
Nelson Education, Ltd.			
	495,000	Term Loan, 6.26%, Maturing July 5, 2014	408,375
Nielsen Finance, LLC			
	1,786,551	Term Loan, 4.80%, Maturing August 9, 2013	1,302,395
Philadelphia Newspapers, LLC			
	708,076	Term Loan, 7.25%, Maturing June 29, 2013	212,423
R.H. Donnelley Corp.			
	2,809,857	Term Loan, 6.85%, Maturing June 30, 2010	1,784,843
Reader's Digest Association, Inc. (The)			
	3,250,500	Term Loan, 5.23%, Maturing March 2, 2014	1,657,755
SGS International, Inc.			
	633,572	Term Loan, 6.27%, Maturing December 30, 2011	465,676
Source Interlink Companies, Inc.			
	1,989,924	Term Loan, 6.47%, Maturing August 1, 2014	1,343,199
Trader Media Corp.			
GBP	2,334,000	Term Loan, 8.26%, Maturing March 23, 2015	1,943,845
Tribune Co.			
	1,546,802		1,217,333

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		Term Loan, 7.08%, Maturing May 17, 2009	
	1,935,388	Term Loan, 6.00%, Maturing May 17, 2014	868,989
	1,989,950	Term Loan, 6.50%, Maturing May 17, 2014	736,281
Xsys, Inc.			
	1,856,807	Term Loan, 6.13%, Maturing September 27, 2013	1,165,147
	1,896,271	Term Loan, 6.13%, Maturing September 27, 2014	1,189,910
Yell Group, PLC			
	2,600,000	Term Loan, 6.12%, Maturing February 10, 2013	1,794,000
			\$ 33,001,899
Radio and Television 6.5%			
Block Communications, Inc.			
	826,625	Term Loan, 5.27%, Maturing December 22, 2011	\$ 665,433
Citadel Broadcasting Corp.			
	1,000,000	Term Loan, 5.07%, Maturing June 12, 2014	545,000
CMP KC, LLC			
	966,188	Term Loan, 7.81%, Maturing May 5, 2013	628,215
CMP Susquehanna Corp.			
	1,318,500	Term Loan, 5.17%, Maturing May 5, 2013	593,325

See notes to financial statements

## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

## PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount*	Borrower/Tranche Description	Value
Radio and Television (continued)		
Emmis Operating Co.		
776,955	Term Loan, 5.54%, Maturing November 2, 2013	\$ 446,749
Entravision Communications Corp.		
1,245,500	Term Loan, 6.38%, Maturing September 29, 2013	855,244
Gray Television, Inc.		
1,119,576	Term Loan, 5.04%, Maturing January 19, 2015	638,159
HIT Entertainment, Inc.		
750,335	Term Loan, 4.80%, Maturing March 20, 2012	468,959
NEP II, Inc.		
615,619	Term Loan, 6.01%, Maturing February 16, 2014	452,480
Nexstar Broadcasting, Inc.		
1,776,645	Term Loan, 5.51%, Maturing October 1, 2012	1,234,768
1,681,269	Term Loan, 5.51%, Maturing October 1, 2012	1,168,482
NextMedia Operating, Inc.		
171,626	Term Loan, 7.26%, Maturing November 15, 2012	117,564
76,277	Term Loan, 8.28%, Maturing November 15, 2012	52,250
PanAmSat Corp.		
2,466,368	Term Loan, 6.65%, Maturing January 3, 2014	2,047,085
2,465,623	Term Loan, 6.65%, Maturing January 3, 2014	2,046,467
2,465,623	Term Loan, 6.65%, Maturing January 3, 2014	2,046,467
Paxson Communications Corp.		
2,500,000	Term Loan, 8.00%, Maturing January 15, 2012	1,387,500
Raycom TV Broadcasting, LLC		
875,000	Term Loan, 3.69%, Maturing June 25, 2014	721,875
SFX Entertainment		
1,068,618	Term Loan, 7.02%, Maturing June 21, 2013	860,237
Sirius Satellite Radio, Inc.		
495,000	Term Loan, 5.44%, Maturing December 19, 2012	297,000
Tyrol Acquisition 2 SAS		
EUR 800,000	Term Loan, 6.50%, Maturing January 19, 2015	621,980
EUR 800,000	Term Loan, 7.40%, Maturing January 19, 2016	621,980
Univision Communications, Inc.		
3,889,375	Term Loan - Second Lien, 5.50%, Maturing	3,412,927

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March 29, 2009

Young Broadcasting, Inc.			
	711,113	Term Loan, 6.30%, Maturing November 3, 2012	470,223
			\$ 22,400,369
Rail Industries 0.9%			
Kansas City Southern Railway Co.			
	1,979,437	Term Loan, 5.21%, Maturing April 26, 2013	\$ 1,712,213
Rail America, Inc.			
	94,240	Term Loan, 7.88%, Maturing August 14, 2009	84,345
	1,455,760	Term Loan, 7.88%, Maturing August 13, 2010	1,302,905
			\$ 3,099,463
Principal Amount*			
		Borrower/Tranche Description	Value
Retailers (Except Food and Drug) 3.9%			
American Achievement Corp.			
	340,011	Term Loan, 5.07%, Maturing March 25, 2011	\$ 306,010
Amscan Holdings, Inc.			
	492,500	Term Loan, 5.41%, Maturing May 25, 2013	369,375
Claire's Stores, Inc.			
	345,625	Term Loan, 5.85%, Maturing May 24, 2014	171,516
Cumberland Farms, Inc.			
	1,536,200	Term Loan, 5.26%, Maturing September 29, 2013	1,267,365
Educate, Inc.			
	500,000	Term Loan - Second Lien, 6.01%, Maturing June 14, 2014	350,000
FTD, Inc.			
	1,450,000	Term Loan, 7.85%, Maturing July 31, 2014	1,290,500
Harbor Freight Tools USA, Inc.			
	684,853	Term Loan, 5.43%, Maturing July 15, 2010	493,095
Josten's Corp.			
	1,509,741	Term Loan, 5.17%, Maturing October 4, 2011	1,258,747
Orbitz Worldwide, Inc.			
	1,168,200	Term Loan, 6.39%, Maturing July 25, 2014	750,569
Oriental Trading Co., Inc.			
	1,125,000	Term Loan - Second Lien, 9.12%, Maturing January 31, 2013	468,750
	2,567,412	Term Loan, 5.25%, Maturing July 31, 2013	1,575,749
Rover Acquisition Corp.			
	2,210,625	Term Loan, 5.84%, Maturing October 26, 2013	1,664,601
Savers, Inc.			
	335,787	Term Loan, 6.25%, Maturing August 11, 2012	265,272
	367,348	Term Loan, 6.25%, Maturing August 11, 2012	290,205

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The Yankee Candle Company, Inc.

	3,123,519	Term Loan, 5.76%, Maturing February 6, 2014	2,108,375
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Vivarte

EUR	750,000	Term Loan, 7.20%, Maturing May 29, 2015	416,504
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EUR	750,000	Term Loan, 7.70%, Maturing May 29, 2016	416,504
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\$ 13,463,137

Steel 0.7%

Algoma Acquisition Corp.

	1,043,448	Term Loan, 5.50%, Maturing June 20, 2013	\$ 845,193
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Niagara Corp.

	2,004,650	Term Loan, 8.50%, Maturing June 29, 2014	1,383,208
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\$ 2,228,401

See notes to financial statements

## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

## PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount*	Borrower/Tranche Description	Value
Surface Transport 0.5%		
Gainey Corp.		
1,217,425	Term Loan, 7.00%, Maturing April 20, 2012 <sup>(3)</sup>	\$ 243,485
Oshkosh Truck Corp.		
834,234	Term Loan, 4.50%, Maturing December 6, 2013	581,878
Ozburn-Hessey Holding Co., LLC		
484,666	Term Loan, 6.61%, Maturing August 9, 2012	433,776
Swift Transportation Co., Inc.		
805,814	Term Loan, 6.06%, Maturing May 10, 2014	467,372
		\$ 1,726,511
Telecommunications 7.5%		
Alaska Communications Systems Holdings, Inc.		
985,347	Term Loan, 5.51%, Maturing February 1, 2012	\$ 806,342
Alltell Communication		
1,488,722	Term Loan, 5.32%, Maturing May 16, 2014	1,420,985
3,128,450	Term Loan, 5.50%, Maturing May 16, 2015	2,994,515
Asurion Corp.		
1,900,000	Term Loan, 6.06%, Maturing July 13, 2012	1,421,833
1,000,000	Term Loan - Second Lien, 10.84%, Maturing January 13, 2013	673,333
Centennial Cellular Operating Co., LLC		
4,445,833	Term Loan, 5.64%, Maturing February 9, 2011	3,823,417
CommScope, Inc.		
2,128,161	Term Loan, 6.10%, Maturing November 19, 2014	1,638,684
FairPoint Communications, Inc.		
4,425,000	Term Loan, 5.75%, Maturing March 31, 2015	3,125,156
Intelsat Subsidiary Holding Co.		
955,500	Term Loan, 6.65%, Maturing July 3, 2013	791,871
Iowa Telecommunications Services		
1,616,000	Term Loan, 5.40%, Maturing November 23, 2011	1,296,840
IPC Systems, Inc.		
1,086,250	Term Loan, 6.01%, Maturing May 31, 2014	562,134
500,000	Term Loan - Second Lien, 9.01%, Maturing May 31, 2015	210,000
Macquarie UK Broadcast Ventures, Ltd.		
GBP 754,894		952,169



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Term Loan, 7.67%, Maturing  
December 26, 2014

NTelos, Inc.			
	1,162,789	Term Loan, 5.37%, Maturing August 24, 2011	1,000,967
Palm, Inc.			
	767,250	Term Loan, 7.27%, Maturing April 24, 2014	429,660
Stratos Global Corp.			
	987,000	Term Loan, 6.26%, Maturing February 13, 2012	814,275
Telesat Canada, Inc.			
	598,402	Term Loan, 6.34%, Maturing October 22, 2014	458,276
	51,395	Term Loan, 6.59%, Maturing October 22, 2014	39,360

Principal Amount*		Borrower/Tranche Description	Value
Telecommunications (continued)			
Trilogy International Partners			
	850,000	Term Loan, 7.26%, Maturing June 29, 2012	\$ 514,250
Windstream Corp.			
	3,051,282	Term Loan, 6.05%, Maturing July 17, 2013	2,667,202
			\$ 25,641,269
Utilities 1.7%			
AEI Finance Holding, LLC			
	269,751	Revolving Loan, 5.66%, Maturing March 30, 2012	\$ 179,385
	1,945,293	Term Loan, 6.76%, Maturing March 30, 2014	1,293,620
Astoria Generating Co.			
	1,000,000	Term Loan - Second Lien, 6.96%, Maturing August 23, 2013	777,500
BRSP, LLC			
	1,721,685	Term Loan, 5.86%, Maturing July 13, 2009	1,229,972
Electricinvest Holding Co.			
EUR	476,616	Term Loan, 8.94%, Maturing October 24, 2012	481,421
GBP	480,000	Term Loan, 10.10%, Maturing October 24, 2012	612,197
Pike Electric, Inc.			
	146,240	Term Loan, 6.13%, Maturing July 1, 2012	137,466
	339,771	Term Loan, 5.81%, Maturing December 10, 2012	319,385
TXU Texas Competitive Electric Holdings Co., LLC			
	340,241	Term Loan, 6.44%, Maturing October 10, 2014	265,643
	833,962	Term Loan, 6.66%, Maturing October 10, 2014	654,197
			\$ 5,950,786
Total Senior Floating-Rate Interests (identified cost \$791,292,149)			\$ 571,022,131

Corporate Bonds & Notes 9.8%	Principal Amount	Security	Value
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(000's omitted)

Aerospace and Defense	0.1%			
Alion Science and Technologies Corp.				
\$		145	10.25%, 2/1/15	\$ 80,475
DRS Technologies, Inc., Sr. Sub. Notes				
		80	7.625%, 2/1/18	79,600
Hawker Beechcraft Acquisition				
		175	9.75%, 4/1/17	98,875
Vought Aircraft Industries, Inc., Sr. Notes				
		85	8.00%, 7/15/11	64,175
				\$ 323,125

See notes to financial statements

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Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount (000's omitted)		Security	Value
<b>Air Transport 0.0%</b>			
Continental Airlines			
\$ 209		7.033%, 6/15/11	\$ 142,431
			\$ 142,431
<b>Automotive 0.1%</b>			
Altra Industrial Motion, Inc.			
\$ 335		9.00%, 12/1/11	\$ 303,175
American Axle & Manufacturing, Inc.			
	135	7.875%, 3/1/17	42,525
Commercial Vehicle Group, Inc., Sr. Notes			
	100	8.00%, 7/1/13	64,500
General Motors Corp., Sr. Notes			
	95	7.20%, 1/15/11	38,712
Tenneco, Inc., Sr. Notes			
	40	8.125%, 11/15/15	21,000
			\$ 469,912
<b>Broadcast Radio and Television 0.0%</b>			
Warner Music Group, Sr. Sub. Notes			
\$ 85		7.375%, 4/15/14	\$ 53,125
			\$ 53,125
<b>Brokers / Dealers / Investment Houses 0.0%</b>			
Nuveen Investments, Inc., Sr. Notes			
\$ 115		10.50%, 11/15/15 <sup>(6)</sup>	\$ 31,625
			\$ 31,625
<b>Building and Development 0.6%</b>			
Grohe Holding of GmbH, Variable Rate,			
EUR 2,000		8.193%, 1/15/14	\$ 1,414,750
Panolam Industries International, Sr. Sub. Notes			
\$ 425		10.75%, 10/1/13	257,125
Ply Gem Industries, Inc., Sr. Notes			
	240	11.75%, 6/15/13 <sup>(6)</sup>	159,600
Texas Industries Inc., Sr. Notes			
	115	7.25%, 7/15/13 <sup>(6)</sup>	90,850
			\$ 1,922,325

Principal Amount (000's omitted)		Security	Value
<b>Business Equipment and Services 0.4%</b>			
Affinion Group, Inc.			
\$ 95		10.125%, 10/15/13	\$ 66,975
	205	11.50%, 10/15/15	124,025

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Ceridian Corp., Sr. Notes			
	275	11.25%, 11/15/15 <sup>(6)</sup>	171,875
Education Management, LLC, Sr. Notes			
	415	8.75%, 6/1/14	305,025
MediMedia USA, Inc., Sr. Sub. Notes			
	170	11.375%, 11/15/14 <sup>(6)</sup>	136,850
Travelport, LLC			
	380	9.875%, 9/1/14	182,400
	30	11.875%, 9/1/16	12,150
West Corp.			
	380	9.50%, 10/15/14	209,000
			\$ 1,208,300
Cable and Satellite Television 0.1%			
Cablevision Systems Corp., Sr. Notes, Series B			
\$	140	8.00%, 4/15/12	\$ 118,475
Kabel Deutschland GmbH			
	190	10.625%, 7/1/14	160,550
Mediacom Broadband Group Corp., LLC, Sr. Notes			
	120	8.50%, 10/15/15	89,400
National Cable PLC			
	40	8.75%, 4/15/14	28,200
			\$ 396,625
Chemicals and Plastics 0.2%			
CII Carbon, LLC			
\$	185	11.125%, 11/15/15 <sup>(6)</sup>	\$ 171,125
Nova Chemicals Corp., Sr. Notes, Variable Rate			
	195	5.953%, 11/15/13	131,625
Reichhold Industries, Inc., Sr. Notes			
	445	9.00%, 8/15/14 <sup>(6)</sup>	389,375
Solo Cup Co.			
	25	8.50%, 2/15/14	16,875
			\$ 709,000
Clothing / Textiles 0.4%			
Levi Strauss & Co., Sr. Notes			
\$	535	9.75%, 1/15/15	\$ 377,175
	75	8.875%, 4/1/16	49,500

See notes to financial statements

## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

## PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount (000's omitted)		Security	Value
Clothing / Textiles (continued)			
Oxford Industries, Inc., Sr. Notes			
\$ 790		8.875%, 6/1/11	\$ 651,750
Perry Ellis International, Inc., Sr. Sub. Notes			
360		8.875%, 9/15/13	279,000
			\$ 1,357,425
Commercial Services 0.1%			
Environmental System Products Holdings, Inc., Jr. Notes (PIK)			
\$ 3,366		18.00%, 3/31/15 <sup>(4)</sup>	\$ 269,280
			\$ 269,280
Conglomerates 0.1%			
RBS Global & Rexnord Corp.			
\$ 175		9.50%, 8/1/14	\$ 121,625
155		11.75%, 8/1/16	102,300
			\$ 223,925
Containers and Glass Products 0.9%			
Berry Plastics Corp., Sr. Notes, Variable Rate			
\$ 2,000		9.503%, 2/15/15	\$ 1,510,000
Intertape Polymer US, Inc., Sr. Sub. Notes			
310		8.50%, 8/1/14	249,550
Pliant Corp. (PIK)			
1,438		11.625%, 6/15/09	1,007,670
Smurfit-Stone Container Enterprises, Inc., Sr. Notes			
425		8.00%, 3/15/17	210,375
Stone Container Corp., Sr. Notes			
80		8.375%, 7/1/12	41,200
			\$ 3,018,795
Ecological Services and Equipment 0.1%			
Waste Services, Inc., Sr. Sub. Notes			
\$ 440		9.50%, 4/15/14	\$ 354,200
			\$ 354,200
Electronics / Electrical 0.3%			
Advanced Micro Devices, Inc., Sr. Notes			
\$ 220		7.75%, 11/1/12	\$ 139,150
Amkor Technologies, Inc., Sr. Notes			
40		7.125%, 3/15/11	29,550
50		7.75%, 5/15/13	31,188
190		9.25%, 6/1/16	114,000
Principal Amount (000's omitted)		Security	Value

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Avago Technologies Finance			
\$	170	10.125%, 12/1/13	\$ 143,650
	215	11.875%, 12/1/15	175,225
First Data Corp.			
	230	9.875%, 9/24/15	148,350
NXP BV/NXP Funding, LLC, Variable Rate			
	775	7.503%, 10/15/13	343,906
			\$ 1,125,019
Equipment Leasing 0.0%			
Hertz Corp.			
\$	25	8.875%, 1/1/14	\$ 18,375
			\$ 18,375
Financial Intermediaries 0.4%			
Ford Motor Credit Co.			
\$	345	7.375%, 10/28/09	\$ 286,446
Ford Motor Credit Co., Sr. Notes			
	440	5.70%, 1/15/10	326,693
	415	7.875%, 6/15/10	278,922
	15	9.875%, 8/10/11	9,457
	480	12.00%, 5/15/15	305,134
General Motors Acceptance Corp., Variable Rate			
	110	4.054%, 5/15/09	95,867
			\$ 1,302,519
Food Products 0.1%			
ASG Consolidated, LLC/ASG Finance, Inc., Sr. Disc. Notes			
\$	520	11.50%, (0.00% until 11/1/08), 11/1/11	\$ 452,400
			\$ 452,400
Food Service 0.2%			
Aramark Services, Inc.			
\$	135	8.50%, 2/1/15	\$ 116,100
El Pollo Loco, Inc.			
	370	11.75%, 11/15/13	305,250
NPC International, Inc., Sr. Sub. Notes			
	340	9.50%, 5/1/14	212,500
			\$ 633,850

See notes to financial statements

## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

## PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount (000's omitted)		Security	Value
Food / Drug Retailers 0.2%			
General Nutrition Center, Sr. Notes, Variable Rate (PIK)			
\$ 665		7.584%, 3/15/14	\$ 415,625
General Nutrition Center, Sr. Sub. Notes			
	385	10.75%, 3/15/15	240,625
			\$ 656,250
Forest Products 0.3%			
Georgia-Pacific Corp.			
\$ 5		9.50%, 12/1/11	\$ 4,300
Jefferson Smurfit Corp., Sr. Notes			
	200	8.25%, 10/1/12	103,000
	75	7.50%, 6/1/13	37,875
NewPage Corp.			
	520	10.00%, 5/1/12	356,200
	345	12.00%, 5/1/13	205,275
NewPage Corp., Variable Rate			
	135	9.051%, 5/1/12	95,175
Verso Paper Holdings, LLC/Verso Paper, Inc.			
	265	11.375%, 8/1/16	107,325
			\$ 909,150
Healthcare 0.8%			
Accellent, Inc.			
\$ 285		10.50%, 12/1/13	\$ 212,325
Advanced Medical Optics, Inc., Sr. Sub. Notes			
	70	7.50%, 5/1/17	46,550
AMR HoldCo, Inc./EmCare HoldCo, Inc., Sr. Sub. Notes			
	325	10.00%, 2/15/15	313,625
DJO Finance, LLC/DJO Finance Corp.			
	190	10.875%, 11/15/14	153,900
HCA, Inc.			
	135	9.125%, 11/15/14	116,437
	395	9.25%, 11/15/16	336,737
MultiPlan Inc., Sr. Sub. Notes			
	485	10.375%, 4/15/16 <sup>(6)</sup>	448,625
National Mentor Holdings, Inc.			
	315	11.25%, 7/1/14	291,375
Res-Care, Inc., Sr. Notes			
	195	7.75%, 10/15/13	176,475
US Oncology, Inc.			
	265	9.00%, 8/15/12	221,275
	515	10.75%, 8/15/14	404,275
			\$ 2,721,599

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Principal Amount (000's omitted)		Security	Value
<b>Home Furnishings 0.0%</b>			
Interline Brands, Inc., Sr. Sub. Notes			
\$	115	8.125%, 6/15/14	\$ 89,125
			\$ 89,125
<b>Industrial Equipment 0.1%</b>			
Chart Industries, Inc., Sr. Sub. Notes			
\$	195	9.125%, 10/15/15	\$ 162,825
ESCO Corp., Sr. Notes			
	145	8.625%, 12/15/13 <sup>(6)</sup>	116,725
ESCO Corp., Sr. Notes, Variable Rate			
	145	6.694%, 12/15/13 <sup>(6)</sup>	110,925
			\$ 390,475
<b>Insurance 0.0%</b>			
Alliant Holdings I, Inc.			
\$	100	11.00%, 5/1/15 <sup>(6)</sup>	\$ 81,500
			\$ 81,500
<b>Leisure Goods / Activities / Movies 0.3%</b>			
Bombardier, Inc., Sr. Notes			
\$	130	8.00%, 11/15/14 <sup>(6)</sup>	\$ 111,800
HRP Myrtle Beach Operations, LLC/HRP Myrtle Beach Capital Corp.			
	195	12.50%, 4/1/13 <sup>(3)(6)</sup>	39,000
HRP Myrtle Beach Operations, LLC/ HRP Myrtle Beach Capital Corp., Variable Rate			
	360	0.00%, 4/1/12 <sup>(3)(6)</sup>	162,900
Marquee Holdings, Inc., Sr. Disc. Notes			
	665	9.505%, 8/15/14	402,325
Royal Caribbean Cruises, Sr. Notes			
	95	7.00%, 6/15/13	66,500
	35	6.875%, 12/1/13	23,625
	25	7.25%, 6/15/16	16,125
	50	7.25%, 3/15/18	32,250
Ticketmaster, Sr. Notes			
	185	10.75%, 8/1/16 <sup>(6)</sup>	156,325
Universal City Development Partners, Sr. Notes			
	240	11.75%, 4/1/10	192,600
			\$ 1,203,450
<b>Lodging and Casinos 0.9%</b>			
Buffalo Thunder Development Authority			
\$	480	9.375%, 12/15/14 <sup>(6)</sup>	\$ 170,400
CCM Merger, Inc.			
	325	8.00%, 8/1/13 <sup>(6)</sup>	193,375

See notes to financial statements



## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

## PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount (000's omitted)	Security	Value
Lodging and Casinos (continued)		
Chukchansi EDA, Sr. Notes, Variable Rate		
\$ 280	6.328%, 11/15/12 <sup>(6)</sup>	\$ 149,800
Fontainebleau Las Vegas Casino, LLC		
485	10.25%, 6/15/15 <sup>(6)</sup>	67,900
Galaxy Entertainment Finance		
300	9.875%, 12/15/12 <sup>(6)</sup>	115,500
Greektown Holdings, LLC, Sr. Notes		
95	10.75%, 12/1/13 <sup>(3)(6)</sup>	20,900
Host Hotels and Resorts, LP, Sr. Notes		
240	6.75%, 6/1/16	175,200
Indianapolis Downs, LLC & Capital Corp., Sr. Notes		
165	11.00%, 11/1/12 <sup>(6)</sup>	83,325
Inn of the Mountain Gods, Sr. Notes		
500	12.00%, 11/15/10	222,500
Majestic HoldCo, LLC		
140	12.50%, 10/15/11 <sup>(6)</sup>	875
MGM Mirage, Inc.		
20	7.50%, 6/1/16	11,900
Mohegan Tribal Gaming Authority, Sr. Sub. Notes		
140	8.00%, 4/1/12	103,600
215	7.125%, 8/15/14	130,075
230	6.875%, 2/15/15	134,550
OED Corp./Diamond Jo, LLC		
475	8.75%, 4/15/12	331,312
Pinnacle Entertainment, Inc., Sr. Sub. Notes		
25	8.25%, 3/15/12	17,437
140	7.50%, 6/15/15	88,200
Pokagon Gaming Authority, Sr. Notes		
102	10.375%, 6/15/14 <sup>(6)</sup>	93,330
San Pasqual Casino		
110	8.00%, 9/15/13 <sup>(6)</sup>	85,250
Scientific Games Corp.		
60	7.875%, 6/15/16 <sup>(6)</sup>	46,200
Seminole Hard Rock Entertainment, Variable Rate		
175	5.319%, 3/15/14 <sup>(6)</sup>	116,375
Trump Entertainment Resorts, Inc.		
70	8.50%, 6/1/15 <sup>(3)</sup>	18,375
Tunica-Biloxi Gaming Authority, Sr. Notes		
310	9.00%, 11/15/15 <sup>(6)</sup>	272,025
Waterford Gaming, LLC, Sr. Notes		
307	8.625%, 9/15/14 <sup>(6)</sup>	216,315

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Wynn Las Vegas, LLC			
	390	6.625%, 12/1/14	289,575
			\$ 3,154,294
Principal Amount (000's omitted)			
		Security	Value
Nonferrous Metals / Minerals 0.3%			
Aleris International, Inc., Sr. Notes			
\$	490	9.00%, 12/15/14	\$ 171,500
FMG Finance PTY, Ltd.			
	675	10.625%, 9/1/16 <sup>(6)</sup>	465,750
Freeport-McMoran C and G, Sr. Notes			
	195	8.375%, 4/1/17	153,287
			\$ 790,537
Oil and Gas 1.0%			
Allis-Chalmers Energy, Inc., Sr. Notes			
\$	425	9.00%, 1/15/14	\$ 278,375
Cimarex Energy Co., Sr. Notes			
	120	7.125%, 5/1/17	96,600
Clayton Williams Energy, Inc.			
	175	7.75%, 8/1/13	108,500
Compton Pet Finance Corp.			
	360	7.625%, 12/1/13	210,600
Denbury Resources, Inc., Sr. Sub. Notes			
	50	7.50%, 12/15/15	35,000
El Paso Corp., Sr. Notes			
	225	9.625%, 5/15/12	205,047
Encore Acquisition Co., Sr. Sub. Notes			
	155	7.25%, 12/1/17	102,688
Forbes Energy Services, Sr. Notes			
	310	11.00%, 2/15/15	217,000
OPTI Canada, Inc., Sr. Notes			
	95	7.875%, 12/15/14	57,475
	180	8.25%, 12/15/14	108,000
Parker Drilling Co., Sr. Notes			
	100	9.625%, 10/1/13	84,000
Petrohawk Energy Corp., Sr. Notes			
	795	9.125%, 7/15/13	616,125
	120	7.875%, 6/1/15 <sup>(6)</sup>	81,900
Petroleum Development Corp., Sr. Notes			
	115	12.00%, 2/15/18	89,125
Petroplus Finance, Ltd.			
	465	7.00%, 5/1/17 <sup>(6)</sup>	306,900
Plains Exploration & Production Co.			
	175	7.00%, 3/15/17	115,500
Quicksilver Resources, Inc.			
	25	8.25%, 8/1/15	17,500
	290	7.125%, 4/1/16	187,050
Sandridge Energy, Inc., Sr. Notes			
	290	8.00%, 6/1/18 <sup>(6)</sup>	194,300

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SemGroup L.P., Sr. Notes

540

8.75%, 11/15/15<sup>(3)(6)</sup>

35,100

See notes to financial statements

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## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

## PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount (000's omitted)	Security	Value
Oil and Gas (continued)		
SESI, LLC, Sr. Notes		
\$ 60	6.875%, 6/1/14	\$ 50,700
Stewart & Stevenson, LLC, Sr. Notes		
415	10.00%, 7/15/14	313,325
VeraSun Energy Corp.		
105	9.875%, 12/15/12	43,575
		\$ 3,554,385
Publishing 0.2%		
Dex Media West/Finance, Series B		
\$ 112	9.875%, 8/15/13	\$ 42,280
Harland Clarke Holdings		
70	9.50%, 5/15/15	33,950
Nielsen Finance, LLC		
620	10.00%, 8/1/14	452,600
145	12.50%, (0.00% until 8/1/11), 8/1/16	56,550
Reader's Digest Association, Inc. (The), Sr. Sub. Notes		
595	9.00%, 2/15/17	171,063
		\$ 756,443
Rail Industries 0.2%		
American Railcar Industry, Sr. Notes		
\$ 175	7.50%, 3/1/14	\$ 139,125
Kansas City Southern Mexico, Sr. Notes		
280	7.625%, 12/1/13	220,500
100	7.375%, 6/1/14	78,750
190	8.00%, 6/1/15	157,225
		\$ 595,600
Retailers (Except Food and Drug) 0.4%		
Amscan Holdings, Inc., Sr. Sub. Notes		
\$ 400	8.75%, 5/1/14	\$ 262,000
Neiman Marcus Group, Inc.		
515	9.00%, 10/15/15	355,350
190	10.375%, 10/15/15	127,300
Sally Holdings, LLC		
40	9.25%, 11/15/14	32,200
Toys "R" Us		
225	7.375%, 10/15/18	118,125
Yankee Acquisition Corp., Series B		
545	8.50%, 2/15/15	310,650
		\$ 1,205,625

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Principal Amount (000's omitted)	Security	Value
<b>Steel 0.1%</b>		
RathGibson, Inc., Sr. Notes		
\$ 445	11.25%, 2/15/14	\$ 302,600
Steel Dynamics, Inc., Sr. Notes		
205	7.375%, 11/1/12	153,494
		\$ 456,094
<b>Surface Transport 0.1%</b>		
CEVA Group, PLC, Sr. Notes		
\$ 210	10.00%, 9/1/14 <sup>(6)</sup>	\$ 152,250
		\$ 152,250
<b>Telecommunications 0.6%</b>		
Centennial Cellular Operating Co./ Centennial Communication Corp., Sr. Notes		
\$ 195	10.125%, 6/15/13	\$ 173,550
Digicel Group, Ltd., Sr. Notes		
300	9.25%, 9/1/12 <sup>(6)</sup>	235,500
215	8.875%, 1/15/15 <sup>(6)</sup>	121,475
667	9.125%, 1/15/15 <sup>(6)</sup>	376,855
Nortel Networks, Ltd.		
520	10.75%, 7/15/16 <sup>(6)</sup>	276,900
Qwest Corp., Sr. Notes, Variable Rate		
925	6.069%, 6/15/13	675,250
Windstream Corp., Sr. Notes		
190	8.125%, 8/1/13	157,225
60	8.625%, 8/1/16	45,600
Windstream Regatta Holdings, Inc., Sr. Sub. Notes		
90	11.00%, 12/1/17 <sup>(6)</sup>	42,750
		\$ 2,105,105
<b>Utilities 0.2%</b>		
AES Corp.		
\$ 55	8.00%, 10/15/17	\$ 42,625
Dynergy Holdings, Inc., Sr. Notes		
30	7.75%, 6/1/19	20,250
Edison Mission Energy, Sr. Notes		
25	7.50%, 6/15/13	21,188
NGC Corp.		
390	7.625%, 10/15/26	177,450
NRG Energy, Inc.		
165	7.25%, 2/1/14	144,788
355	7.375%, 1/15/17	307,963

See notes to financial statements

## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

## PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount (000's omitted)		Security	Value
<b>Utilities (continued)</b>			
Reliant Energy, Inc., Sr. Notes			
\$	20	7.625%, 6/15/14	\$ 15,500
			\$ 729,764
<b>Total Corporate Bonds &amp; Notes</b> (identified cost \$49,494,353)			
\$ 33,563,902			
<b>Asset Backed Securities 1.2%</b>			
Principal Amount (000's omitted)			
		Security	Value
\$	607	Alzette European CLO SA, Series 2004-1A, Class E2, 11.86%, 12/15/20 <sup>(6)(7)</sup>	\$ 429,392
	760	Avalon Capital Ltd. 3, Series 1A, Class D, 4.761%, 2/24/19 <sup>(6)(7)</sup>	297,388
	1,000	Babson Ltd., Series 2005-1A, Class C1, 6.703%, 4/15/19 <sup>(6)(7)</sup>	344,200
	1,000	Bryant Park CDO Ltd., Series 2005-1A, Class C, 6.803%, 1/15/19 <sup>(6)(7)</sup>	360,200
	1,000	Carlyle High Yield Partners, Series 2004-6A, Class C, 5.253%, 8/11/16 <sup>(6)(7)</sup>	409,600
	1,000	Centurion CDO 8 Ltd., Series 2005-8A, Class D, 8.315%, 3/8/17 <sup>(7)</sup>	438,500
	750	Centurion CDO 9 Ltd., Series 2005-9A, Class D1, 9.30%, 7/17/19 <sup>(6)(7)</sup>	229,050
	750	Comstock Funding Ltd., Series 2006-1A, Class D, 6.899%, 5/30/20 <sup>(6)(7)</sup>	205,800
	1,500	Dryden Leveraged Loan, Series 2004-6A, Class C1, 5.346%, 7/30/16 <sup>(6)(7)</sup>	554,700
	1,000	First CLO, Ltd., Series 2004- 1A1, Class C, 5.207%, 7/27/16 <sup>(6)(7)</sup>	406,700
	1,000	Schiller Park CLO Ltd., Series 2007-1A, Class D, 4.67%, 4/25/21 <sup>(6)(7)</sup>	288,200
<b>Total Asset Backed Securities</b> (identified cost \$10,121,764)			
\$ 3,963,730			

**Convertible Preferred Stocks 0.0%**

Shares		Security	Value
Telecommunications 0.0%			

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	484	Crown Castle International Corp., 6.25% (PIK)	\$ 18,120
Total Convertible Preferred Stocks (identified cost \$23,003)			\$ 18,120
<b>Common Stocks 0.0%</b>			
Shares		Security	Value
Commercial Services 0.0%			
	6,211	Environmental Systems Products Holdings, Inc. <sup>(4)(8)(9)</sup>	\$ 0
Total Common Stocks (identified cost \$0)			\$ 0
<b>Preferred Stocks 0.0%</b>			
Shares		Security	Value
Commercial Services 0.0%			
	2,845	Environmental Systems Products Holdings, Inc., Series A <sup>(4)(8)(9)</sup>	\$ 65,350
Total Preferred Stocks (identified cost \$49,788)			\$ 65,350
<b>Miscellaneous 0.0%</b>			
Shares		Security	Value
	1,000,000	Delta Air Lines, Inc., Escrow Certificate <sup>(8)</sup>	\$ 23,750
Total Miscellaneous (identified cost \$0)			\$ 23,750

See notes to financial statements

Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

PORTFOLIO OF INVESTMENTS CONT'D

Short-Term Investments	2.4%		Value
Interest			
(000's omitted)			
\$	8,296	Description Cash Management Portfolio, 1.90% <sup>(10)</sup>	\$ 8,296,200
Total Short-Term Investments			\$ 8,296,200
(identified cost \$8,296,200)			
Total Investments	180.2%		\$ 616,953,183
(identified cost \$859,277,257)			
Less Unfunded Loan			
Commitments	(1.1)%		\$ (3,608,860)
Net Investments	179.1%		\$ 613,344,323
(identified cost \$855,668,397)			
Other Assets, Less Liabilities	(40.7)%		\$ (139,355,781)
Auction Preferred Shares Plus Cumulative			
Unpaid Dividends	(38.4)%		\$ (131,531,342)
Net Assets Applicable to			
Common Shares	100.0%		\$ 342,457,200

DIP - Debtor in Possession

PIK - Payment In Kind

REIT - Real Estate Investment Trust

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. 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) Unfunded or partially unfunded loan commitments. See Note 1G for description.

(3) Defaulted security. Currently the issuer is in default with respect to interest payments.

(4) Security valued at fair value using methods determined in good faith by or at the direction of the Trustees.

(5) This Senior Loan will settle after October 31, 2008, at which time the interest rate will be determined.

(6) 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 October 31, 2008, the aggregate value of the securities is \$9,825,580 or 2.9% of the Trust's net assets.

(7) Variable rate security. The stated interest rate represents the rate in effect at October 31, 2008.

(8) Non-income producing security.



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<sup>(9)</sup> Restricted security.

<sup>(10)</sup> 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 October 31, 2008.

See notes to financial statements

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## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

## FINANCIAL STATEMENTS

## Statement of Assets and Liabilities

As of October 31, 2008

<b>Assets</b>	
Unaffiliated investments, at value (identified cost, \$847,372,197)	\$ 605,048,123
Affiliated investment, at value (identified cost, \$8,296,200)	8,296,200
Cash	3,021,349
Foreign currency, at value (identified cost, \$58,738)	57,678
Receivable for investments sold	6,901,690
Dividends and interest receivable	6,174,722
Interest receivable from affiliated investment	12,441
Receivable for closed swap contracts (net of unrealized depreciation of \$8,978)	2,022
Receivable for open forward foreign currency contracts	777,274
Prepaid expenses	2,391,647
<b>Total assets</b>	<b>\$ 632,683,146</b>
<b>Liabilities</b>	
Notes payable	\$ 154,200,000
Payable for investments purchased	3,001,722
Payable to affiliate for investment adviser fee	369,006
Payable to affiliate for Trustees' fees	1,603
Accrued expenses	1,122,273
<b>Total liabilities</b>	<b>\$ 158,694,604</b>
Auction preferred shares (5,252 shares outstanding) at liquidation value plus cumulative unpaid dividends	\$ 131,531,342
<b>Net assets applicable to common shares</b>	<b>\$ 342,457,200</b>
<b>Sources of Net Assets</b>	
Common shares, \$0.01 par value, unlimited number of shares authorized, 33,600,821 shares issued and outstanding	\$ 336,008
Additional paid-in capital	662,045,027
Accumulated net realized loss (computed on the basis of identified cost)	(78,504,444)
Net unrealized depreciation (computed on the basis of identified cost)	(241,419,391)
<b>Net assets applicable to common shares</b>	<b>\$ 342,457,200</b>
<b>Net Asset Value Per Common Share</b> (\$342,457,200 ÷ 33,600,821 common shares issued and outstanding)	<b>\$ 10.19</b>

## Statement of Operations

For the Year Ended  
October 31, 2008

<b>Investment Income</b>	
Interest	\$ 65,841,150
Dividends	1,053,291

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Interest income allocated from affiliated investment	456,779
Expenses allocated from affiliated investment	(63,646)
Total investment income	\$ 67,287,574
Expenses	
Investment adviser fee	\$ 6,806,670
Trustees' fees and expenses	20,400
Preferred shares service fee	598,515
Legal and accounting services	273,550
Custodian fee	225,402
Printing and postage	144,568
Transfer and dividend disbursing agent fees	30,308
Interest expense and fees	5,188,310
Miscellaneous	135,053
Total expenses	\$ 13,422,776
Deduct	
Reduction of investment adviser fee	\$ 2,074,576
Reduction of custodian fee	1,377
Total expense reductions	\$ 2,075,953
Net expenses	\$ 11,346,823
Net investment income	\$ 55,940,751
Realized and Unrealized Gain (Loss)	
Net realized gain (loss)	
Investment transactions (identified cost basis)	\$ (43,985,963)
Swap contracts	32,644
Foreign currency and forward foreign currency exchange	
contract transactions	7,482,710
Net realized loss	\$ (36,470,609)
Change in unrealized appreciation (depreciation)	
Investments (identified cost basis)	\$ (221,958,145)
Swap contracts	(58,375)
Foreign currency and forward foreign currency exchange contracts	1,493,674
Net change in unrealized appreciation (depreciation)	\$ (220,522,846)
Net realized and unrealized loss	\$ (256,993,455)
Distributions to preferred shareholders	
From net investment income	(12,333,061)
Net decrease in net assets from operations	\$ (213,385,765)

See notes to financial statements

## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

## FINANCIAL STATEMENTS CONT'D

## Statements of Changes in Net Assets

Increase (Decrease) in Net Assets	Year Ended October 31, 2008	Year Ended October 31, 2007
From operations		
Net investment income	\$ 55,940,751	\$ 73,053,413
Net realized loss from investment transactions, swap contracts, and foreign currency and forward foreign currency exchange contract transactions	(36,470,609)	(4,840,013)
Net change in unrealized appreciation (depreciation) of investments, swap contracts, and foreign currency and forward foreign currency exchange contracts	(220,522,846)	(24,014,466)
Distributions to preferred shareholders from net investment income	(12,333,061)	(21,281,589)
Net increase (decrease) in net assets from operations	\$ (213,385,765)	\$ 22,917,345
Distributions to common shareholders From net investment income	\$ (38,359,137)	\$ (51,735,131)
Tax return of capital	(4,011,498)	(1,005,278)
Total distributions to common shareholders	\$ (42,370,635)	\$ (52,740,409)
Capital share transactions		
Reinvestment of distributions to common shareholders	\$	\$ 2,111,209
Total increase in net assets from capital share transactions	\$	\$ 2,111,209
Net decrease in net assets	\$ (255,756,400)	\$ (27,711,855)
Net Assets Applicable to Common Shares		
At beginning of year	\$ 598,213,600	\$ 625,925,455
At end of year	\$ 342,457,200	\$ 598,213,600

## Statement of Cash Flows

	Year Ended October 31, 2008
Cash Flows From Operating Activities	
Net decrease in net assets from operations	\$ (213,385,765)
Distributions to preferred shareholders	12,333,061
Net decrease in net assets from operations excluding distributions to preferred shareholders	\$ (201,052,704)
Adjustments to reconcile net decrease in net assets from operations to net cash provided by (used in) operating activities:	
Investments purchased	(191,193,534)
Investments sold and principal repayments	310,711,073
Decrease in short-term investments, net	2,778,454
Net amortization of premium (discount)	(1,528,781)
Amortization of structuring fee on notes payable	287,732
Increase in receivable for investments sold	(4,993,512)

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Decrease in dividends and interest receivable	2,664,419
Decrease in interest receivable from affiliated investment	44,559
Decrease in receivable for open swap contracts	49,397
Increase in receivable for closed swap contracts	(2,022)
Increase in receivable for open forward foreign currency contracts	(777,256)
Decrease in prepaid expenses	24,598
Decrease in payable to affiliate for investment adviser fee	(136,720)
Decrease in payable to affiliate for Trustees' fees	(499)
Decrease in payable for investments purchased	(14,550,952)
Decrease in payable for open forward foreign currency contracts	(453,291)
Decrease in unfunded loan commitments	(5,291,960)
Increase in accrued expenses	783,401
Net change in unrealized (appreciation) depreciation on investments	221,958,145
Net realized (gain) loss on investments	43,985,963
Net cash provided by operating activities	\$ 163,306,510
Cash Flows From Financing Activities	
Cash distributions paid to common shareholders, net of reinvestments	\$ (42,370,635)
Liquidation of auction preferred shares	(262,700,000)
Distributions to preferred shareholders	(12,777,363)
Proceeds from notes payable	262,700,000
Repayments of notes payable	(108,500,000)
Payment of structuring fee on notes payable	(2,627,000)
Net cash used in financing activities	\$ (166,274,998)
Net decrease in cash	\$ (2,968,488)
Cash at beginning of year <sup>(1)</sup>	\$ 6,047,515
Cash at end of year <sup>(1)</sup>	\$ 3,079,027
Supplemental disclosure of cash flow information:	
Cash paid for interest and fees on borrowings	\$ 4,520,569

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

See notes to financial statements



## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

## FINANCIAL STATEMENTS CONT'D

## Financial Highlights

Selected data for a common share outstanding during the periods stated

	Year Ended October 31,				Period Ended
	2008	2007	2006	2005	October 31, 2004 <sup>(1)</sup>
Net asset value Beginning of period (Common shares)	\$ 17.800	\$ 18.690	\$ 18.740	\$ 18.970	\$ 19.100 <sup>(3)</sup>
Income (loss) from operations					
Net investment income <sup>(2)</sup>	\$ 1.665	\$ 2.177	\$ 2.053	\$ 1.547	\$ 0.968
Net realized and unrealized gain (loss)	(7.647)	(0.861)	(0.026)	(0.193)	0.080
Distributions to preferred shareholders from net investment income <sup>(2)</sup>	(0.367)	(0.634)	(0.558)	(0.354)	(0.132)
Total income (loss) from operations	\$ (6.349)	\$ 0.682	\$ 1.469	\$ 1.000	\$ 0.916
Less distributions to common shareholders					
From net investment income	\$ (1.142)	\$ (1.542)	\$ (1.519)	\$ (1.230)	\$ (0.900)
Tax return of capital	(0.119)	(0.030)			
Total distributions to common shareholders	\$ (1.261)	\$ (1.572)	\$ (1.519)	\$ (1.230)	\$ (0.900)
Preferred and Common shares offering costs charged to paid-in capital <sup>(2)</sup>	\$	\$	\$	\$	\$ (0.027)
Preferred shares underwriting discounts <sup>(2)</sup>	\$	\$	\$	\$	\$ (0.119)
Net asset value End of period (Common shares)	\$ 10.190	\$ 17.800	\$ 18.690	\$ 18.740	\$ 18.970
Market value End of period (Common shares)	\$ 9.480	\$ 16.200	\$ 18.240	\$ 17.210	\$ 19.940
Total Investment Return on Net Asset Value <sup>(4)</sup>	(37.33)%	3.93%	8.47%	5.57%	4.13% <sup>(5)(14)</sup>
Total Investment Return on Market Value <sup>(4)</sup>	(35.90)%	(3.13)%	15.27%	(7.77)%	9.45% <sup>(5)(14)</sup>

See notes to financial statements



## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

## FINANCIAL STATEMENTS CONT'D

## Financial Highlights

Selected data for a common share outstanding during the periods stated

	2008	Year Ended October 31,		2005	Period Ended
		2007	2006		October 31, 2004 <sup>(1)</sup>
<b>Ratios/Supplemental Data</b>					
Net assets applicable to common shares, end of period (000's omitted)	\$ 342,457	\$ 598,214	\$ 625,925	\$ 627,586	\$ 633,584
<b>Ratios (As a percentage of average daily net assets applicable to common shares):<sup>(6)</sup></b>					
Expenses before custodian fee reduction excluding interest and fees <sup>(7)</sup>	1.18%	1.18%	1.17%	1.16%	1.08% <sup>(8)</sup>
Interest and fee expense <sup>(12)</sup>	0.99%				
Total expenses	2.17%	1.18%	1.17%	1.16%	1.08% <sup>(8)</sup>
Net investment income	10.66%	11.79%	10.95%	8.18%	5.51% <sup>(8)</sup>
Portfolio Turnover	21%	58%	51%	64%	95% <sup>(14)</sup>

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:

<b>Ratios (As a percentage of average daily net assets applicable to common shares plus preferred shares and borrowings):<sup>(6)</sup></b>					
Expenses before custodian fee reduction excluding interest and fees <sup>(7)</sup>	0.68%	0.72%	0.72%	0.72%	0.71% <sup>(8)</sup>
Interest and fee expense <sup>(12)</sup>	0.57%				
Total expenses	1.25%	0.72%	0.72%	0.72%	0.71% <sup>(8)</sup>
Net investment income	6.12%	7.21%	6.73%	5.04%	3.63% <sup>(8)</sup>
<b>Senior Securities:</b>					
Total notes payable outstanding (in 000's)	\$ 154,200	\$	\$	\$	\$
Asset coverage per \$1,000 of notes payable <sup>(13)</sup>	\$ 4,074	\$	\$	\$	\$
Total preferred shares outstanding	5,252	15,760	15,760	15,760	15,760
Asset coverage per preferred share	\$ 55,060 <sup>(9)</sup>	\$ 63,001 <sup>(11)</sup>	\$ 64,753 <sup>(11)</sup>	\$ 64,853 <sup>(11)</sup>	\$ 65,223 <sup>(11)</sup>
Involuntary liquidation preference per preferred share <sup>(10)</sup>	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
Approximate market value per preferred share <sup>(10)</sup>	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000

(1) For the period from the start of business, November 28, 2003, to October 31, 2004.

(2) Computed using average common shares outstanding.

(3) Net asset value at beginning of period reflects the deduction of the sales load of \$0.90 per share paid by the shareholder from the \$20.00 offering price.

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- (4) Returns are historical and are calculated by determining the percentage change in net asset value or market value with all distributions reinvested.
- (5) Total investment return on net asset value is calculated assuming a purchase at the offering price of \$20.00 less the sales load of \$0.90 per share paid by the shareholder on the first day and a sale at the net asset value on the last day of the period reported with all distributions reinvested. Total investment return on market value is calculated assuming a purchase at the offering price of \$20.00 less the sales load of \$0.90 per share paid by the shareholder on the first day and a sale at the current market price on the last day of the period reported with all distributions reinvested.
- (6) Ratios do not reflect the effect of dividend payments to preferred shareholders.
- (7) Excludes the effect of custody fee credits, if any, of less than 0.005%.
- (8) Annualized.
- (9) Calculated by subtracting the Trust's total liabilities (not including the notes payable and preferred shares) from the Trust's total assets, dividing the result by the sum of the value of the notes payable and liquidation value of the preferred shares, and multiplying the result by the liquidation value of one preferred share. Such amount equates to 220% at October 31, 2008.
- (10) Plus accumulated and unpaid dividends.
- (11) Calculated by subtracting the Trust's total liabilities (not including the preferred shares) from the Trust's total assets, and dividing the result by the number of preferred shares outstanding.
- (12) Interest and fee expense relates to the notes payable incurred to partially redeem the Trust's APS (see Note 10).
- (13) 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.
- (14) Not annualized.

See notes to financial statements



## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

### NOTES TO FINANCIAL STATEMENTS

#### 1 Significant Accounting Policies

Eaton Vance Senior Floating-Rate Trust (the Trust) is a Massachusetts business trust registered under the Investment Company Act of 1940, as amended (the 1940 Act), as a diversified, closed-end management investment company. The Trust's primary investment objective is to provide a high level of current income. The Trust may, as a secondary objective, also seek preservation of capital to the extent consistent with its primary goal.

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

**A Investment Valuation** Interests in senior floating-rate loans (Senior Loans) for which reliable market quotations are readily available are valued generally at the average mean of bid and ask quotations obtained from an independent 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 following valuation techniques: (i) a matrix pricing approach that considers the yield on the Senior Loan relative to yields on other loan interests issued by companies of comparable credit quality; (ii) a comparison of the value of the borrower's outstanding equity and debt to that of comparable public companies; (iii) a discounted cash flow analysis; or (iv) 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 listed securities and securities for which quotations are available, will normally be valued on the basis of market quotations provided by independent pricing services. The pricing services consider various factors relating to bonds and/or market transactions to determine market value. Short-term debt securities with a remaining maturity of sixty days or less are valued at amortized cost, which approximates market value. If short-term debt securities are acquired with a remaining maturity of more than sixty days, they will be valued by a pricing service.

Equity securities 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 an independent pricing service. Forward foreign currency exchange contracts are generally valued using prices supplied by a pricing vendor or dealers. Credit default swaps are valued by a broker-dealer (usually the counterparty to the agreement). Foreign securities and currencies are valued in U.S. dollars, based on foreign currency exchange rate quotations supplied by an independent quotation service. The independent 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 are valued at fair value using methods determined in good faith by or at the direction of the Trustees of the Trust considering relevant factors, data and information including the market value of freely tradable securities of the same class in the principal market on which such securities are normally traded.

## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

### NOTES TO FINANCIAL STATEMENTS CONT'D

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 values its investment securities utilizing the amortized cost valuation technique permitted by Rule 2a-7 of 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 based on available market quotations provided by a pricing service.

**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 October 31, 2008, the Trust, for federal income tax purposes, had a capital loss carryforward of \$78,071,272 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 October 31, 2012 (\$5,860,075), October 31, 2013 (\$4,807,956), October 31, 2014 (\$1,142,602), October 31, 2015 (\$2,782,217) and October 31, 2016 (\$63,478,422).

As of October 31, 2008, 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 October 31, 2008 remains subject to examination by the Internal Revenue Service.

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

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

**G Unfunded Loan Commitments** The Trust may enter into certain credit agreements all or a portion of which may be unfunded. The Trust is obligated to fund these commitments at the borrower's discretion. The 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, and shareholders are indemnified against personal

## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

## NOTES TO FINANCIAL STATEMENTS CONT'D

liability for the obligations of the Trust. 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 contract is adjusted by the daily exchange rate of the underlying currency and any gains or losses are recorded as unrealized until such time as the contract has 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 buy or sell protection against default on an individual issuer or a basket of issuers of bonds. 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 in the event of default by a third party, such as a U.S. or foreign corporate issuer, on the debt obligation. In return, the Trust pays the counterparty a periodic stream of payments over the term of the contract provided that no event of default has occurred. If no default 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 upon default of the referenced debt obligations. 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. Up-front 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 and cash equivalents in an amount equal to the aggregate market value of the credit default swaps of which it is the seller, 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.

**2 Auction Preferred Shares**

The Trust issued Auction Preferred Shares (APS) on January 26, 2004 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 weekly for Series A and Series B, and approximately monthly for Series C and Series D, 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 150% of the "AA" Financial Composite Commercial Paper Rate on the date of the auction.

During the year ended October 31, 2008, the Trust made a partial redemption of its APS at a liquidation price of \$25,000 per share, the financing for which was provided by a committed financing arrangement (see Note 10). The number of APS redeemed and redemption amount (excluding the final dividend payment) during the year ended October 31, 2008 and the number of APS issued and outstanding as of October 31, 2008 are as follows:

	APS Redeemed During the Period	Redemption Amount	APS Issued and Outstanding
Series A	2,627	\$ 65,675,000	1,313
Series B	2,627	65,675,000	1,313
Series C	2,627	65,675,000	1,313
Series D	2,627	65,675,000	1,313

## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

## NOTES TO FINANCIAL STATEMENTS CONT'D

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 equivalent to 0.25% of the liquidation value of the APS to broker-dealers as a service fee.

## 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 October 31, 2008, and the amount of dividends paid (including capital gains, if any) to APS shareholders, average APS dividend rates, and dividend rate ranges for the year then ended were as follows:

Series	APS Dividend Rates at October 31, 2008	Dividends Paid to APS Shareholders	Average APS Dividend Rates	Dividend Rate Ranges
A	4.74%	\$ 2,962,851	4.36%	3.26% 6.04%
B	4.74%	\$ 2,985,040	4.39%	3.26% 6.04%
C	4.29%	\$ 3,142,733	4.63%	3.31% 6.00%
D	6.04%	\$ 3,242,437	4.77%	3.26% 6.04%

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 October 31, 2008.

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.

The tax character of distributions declared for the years ended October 31, 2008 and October 31, 2007 was as follows:

	Year Ended October 31, 2008	Year Ended October 31, 2007
Distributions declared from:		
Ordinary income	\$ 50,692,198	\$ 73,016,720
Tax return of capital	4,011,498	1,005,278

During the year ended October 31, 2008, accumulated undistributed net investment income was decreased by \$5,248,553, accumulated net realized loss was increased by \$26,899,510, and paid-in-capital was increased by \$32,148,063 due to differences between book and tax accounting, primarily for swap contracts, premium amortization, mixed straddles, paydown gain (loss) and foreign currency gain (loss). These reclassifications had no effect on the net assets or net asset value per share of the Trust.

As of October 31, 2008, the components of distributable earnings (accumulated losses) and unrealized appreciation (depreciation) on a tax basis were as follows:

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Capital loss carryforward	\$ (78,071,272)
Unrealized depreciation	\$ (241,852,563)

The differences between components of distributable earnings (accumulated loss) on a tax basis and the amounts reflected in the Statement of Assets and Liabilities are primarily due to wash sales, swap contracts, mixed straddle amounts and premium amortization.



## Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

### NOTES TO FINANCIAL STATEMENTS 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 0.75% of the Trust's average daily gross assets and is payable monthly. Gross assets as referred to herein represent net assets plus obligations attributable to investment leverage. The portion of the adviser fee payable by Cash Management on the Trust's investment of cash therein is credited against the Trust's adviser fee. For the year ended October 31, 2008, the Trust's adviser fee totaled \$6,866,822 of which \$60,152 was allocated from Cash Management and \$6,806,670 was paid or accrued directly by the Trust. EVM also serves as administrator of the Trust, but receives no compensation.

In addition, EVM has contractually agreed to reimburse the Trust for fees and other expenses at an annual rate of 0.20% of the Trust's average daily gross assets during the first five full years of the Trust's operations, 0.15% of the Trust's average daily gross assets in year six, 0.10% in year seven and 0.05% in year eight. Pursuant to this agreement, EVM waived \$1,837,658 of its adviser fee for the year ended October 31, 2008.

EVM has further agreed to waive its adviser fee to the extent that the cost of the committed financing to partially redeem the APS is greater than the dividends and preferred shares service fee that would have been incurred had the APS not been redeemed, hereafter referred to as "incremental cost". Such waiver is calculated as the lesser of 50% of the Trust's adviser fee on assets attributable to the committed financing or the incremental cost and will remain in effect until October 31, 2009. Pursuant to this agreement, EVM waived \$236,918 of its adviser fee for the year ended October 31, 2008.

Except for Trustees of the Trust who are not members of EVM's organization, officers and Trustees receive remuneration for their services to the Trust out of the investment adviser fee. Trustees of the Trust who are not affiliated with EVM may elect to defer receipt of all or a percentage of their annual fees in accordance with the terms of the Trustees Deferred Compensation Plan. For the year ended October 31, 2008, 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 \$191,193,534 and \$310,711,073, respectively, for the year ended October 31, 2008.

#### 6 Common Shares of Beneficial Interest

The Trust may issue common shares pursuant to its dividend reinvestment plan. There were no transactions in common shares for the year ended October 31, 2008. Common shares issued pursuant to the Trust's dividend reinvestment plan for the year ended October 31, 2007 were 112,331.

#### 7 Federal Income Tax Basis of Investments

The cost and unrealized appreciation (depreciation) of investments of the Trust at October 31, 2008, as determined on a federal income tax basis, were as follows:

Aggregate cost	\$ 856,101,569
Gross unrealized appreciation	\$
Gross unrealized depreciation	(242,757,246)
Net unrealized depreciation	\$ (242,757,246)

#### 8 Restricted Securities

At October 31, 2008, the Trust owned the following securities (representing less than 0.1% of net assets applicable to common shares) which were restricted as to public resale and not registered under the Securities Act of 1933 (excluding Rule 144A securities). The Trust has various registration rights (exercisable under a variety of circumstances) with respect to these securities. The value of these securities is determined based on valuations provided by brokers when available, or if not available, they are valued at fair value using methods determined in good faith by or at the direction of the Trustees.



Eaton Vance Senior Floating-Rate Trust as of October 31, 2008

NOTES TO FINANCIAL STATEMENTS CONT'D

Description	Date of Acquisition	Shares	Cost	Value
<b>Common Stocks</b>				
Environmental Systems				
Products Holdings, Inc.	10/25/07	6,211	\$ 0 <sup>(1)</sup>	\$ 0
<b>Preferred Stocks</b>				
Environmental Systems				
Products Holdings,				
Series A	10/25/07	2,845	\$ 49,788	\$ 65,350
			\$ 49,788	