

EATON VANCE SENIOR FLOATING RATE TRUST

Form N-CSR

December 30, 2009

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UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form N-CSR

**CERTIFIED SHAREHOLDER REPORT OF REGISTERED
MANAGEMENT INVESTMENT COMPANIES**

Investment Company Act File Number: 811- 21411

Eaton Vance Senior Floating-Rate Trust

(Exact Name of registrant as Specified in Charter)

Two International Place Boston, Massachusetts 02110

(Address of Principal Executive Offices)

Maureen A. Gemma

Two International Place Boston, Massachusetts 02110

(Name and Address of Agent for Services)

(617) 482-8260

(registrant's Telephone Number)

October 31

Date of Fiscal Year End

October 31, 2009

Date of Reporting Period

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Item 1. Reports to Stockholders

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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Eaton Vance Senior Floating-Rate Trust as of **October 31, 2009**

MANAGEMENT'S DISCUSSION OF FUND PERFORMANCE

Economic and Market Conditions

Scott H. Page, CFA
Co-Portfolio Manager

Peter M. Campo, CFA
Co-Portfolio Manager

During the year ending October 31, 2009, global credit markets experienced unprecedented volatility in the early months of the period but staged a remarkable turnaround beginning in January 2009. In the first two months of the period, there was little doubt that a recession would bring higher default rates; but it was difficult to reconcile bank loan and high-yield bond prices with market fundamentals. By the turn of the New Year, however, the markets began to rebound as credit spreads tightened from record levels and investors returned to the credit markets.

The loan market, as measured by the S&P/LSTA Leveraged Loan Index (the Index), returned 30.44% during the year ending October 31, 2009, and 46.90% for the first 10 months of the year the highest 10-month performance in the history of the asset class.¹ Performance was driven by a combination of technical factors, which improved the market's supply and demand picture. On the supply side, limited new loan issuance and a contraction of the existing supply through loan repayments reduced the available universe of purchasable loans. Matched with little selling activity and modest, steady inflows, loan prices improved significantly. More significant investor flows into the high-yield bond market also contributed to the improvement in bank loans. Increased high-yield bond issuance contributed to meaningful bank loan repayments, which lowered the available supply of loans and provided cash to bank loan managers. In addition, direct crossover buying into the asset class by high-yield bond managers bolstered demand.

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

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

Management Discussion

Craig P. Russ
Co-Portfolio Manager

The Trust is a closed-end fund and trades on the New York Stock Exchange (NYSE) 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-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.

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As of October 31, 2009, the Trust's investments included senior loans to 377 borrowers spanning 39 industries, with an average loan size of 0.25% of total investments, and no industry constituting more than 11% of total investments. Health care, cable and satellite television, and business equipment and services were among the top industry weightings.

The Trust outperformed the Index during the past fiscal year. Its larger, higher-quality loans helped perform-

Total Return Performance 10/31/08 10/31/09

NYSE Symbol	EFR
At Net Asset Value (NAV) ²	46.90%
At Market Price ²	49.61
S&P/LSTA Leveraged Loan Index ¹	30.44
Premium/(Discount) to NAV (10/31/09)	-5.26%
Total Distributions per common share	\$0.863
Distribution Rate ³	<i>At NAV</i> 6.39% <i>At Market Price</i> 6.75%

See page 3 for more performance information.

- ¹ It is not possible to invest directly in an Index. The Index's total return reflects changes in value of the loans constituting the Index and accrual of interest and does not reflect 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.
- ² Performance results reflect the effects 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 market 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.

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Eaton Vance Senior Floating-Rate Trust as of October 31, 2009

MANAGEMENT'S DISCUSSION OF FUND PERFORMANCE

mance in the earlier part of 2009 as these loans were the first to benefit from price recovery. Management's use of leverage was also a significant factor in the Trust's outperformance, as its borrowings were bolstered by the strong credit market rally. The past six months witnessed a junk rally, with the market's lowest-quality loans skyrocketing back to life. As a result, our relative underweight to the lowest-quality loans, including second-lien loans and those rated below CCC, hampered relative performance.

The Trust had a 6.5% exposure to European loans as of October 31, 2009. The Trust's involvement in the European leveraged loan market represented further opportunity for diversification, and while this market was affected slightly more than the U.S. bank loan market by the credit market turmoil, we believed it offered an attractive appreciation opportunity at then-current price levels.

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

As concerns about inflation and the uncertainty of the potential interest-rate impact of historic stimulus financing persists, we believe the floating-rate asset class remains attractive, especially relative to duration-exposed fixed-income alternatives. We continue to believe the Trust is well-positioned to weather this difficult economic environment, and our view is that our credit selection and portfolio-construction process combine for an approach to the asset class that may be appropriate for many investors.

As of October 31, 2009, the Trust employed leverage of 37.9% of total assets 17.7% auction preferred shares (APS)¹ and 20.2% borrowings. Use of leverage creates an opportunity for income, but at the same time creates special risks (including the likelihood of greater volatility of net asset value and market price of common shares). *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.*

¹ APS percentage represents the liquidation value of the Trust's APS outstanding at 10/31/09 as a percentage of the Trust's net assets applicable to common shares plus APS and borrowings

outstanding. In the event of a rise in long-term interest rates, the value of the Trust's investment portfolio could decline, which would reduce the asset coverage for its APS and borrowings.

Table of ContentsEaton Vance Senior Floating-Rate Trust as of **October 31, 2009****FUND PERFORMANCE****Trust Performance¹**

NYSE Symbol	EFR
Average Annual Total Returns (by market price, NYSE)	
One Year	49.61%
Five Years	-0.25
Life of Trust (11/28/03)	1.32
Average Annual Total Returns (at net asset value)	
One Year	46.90%
Five Years	1.84
Life of Trust (11/28/03)	2.25

¹ *Performance results reflect the effects of leverage.*

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

Portfolio Composition**Top 10 Holdings²**

By total investments

Georgia-Pacific Corp.	1.4%
Community Health Systems, Inc.	1.3
UPC Broadband Holding B.V.	1.3
HCA, Inc.	1.3
Rite Aid Corp.	1.2
SunGard Data Systems, Inc.	1.2
Aramark Corp.	1.1
Cequel Communications, LLC	1.1
Charter Communications Operating, Inc.	0.9
Intelsat Corp.	0.9

² Top 10 Holdings represented 11.7% of the Trust's total

investments as
of 10/31/09.

Top Five Industries³

By total investments

Health Care	10.6%
Cable and Satellite Television	7.7
Business Equipment and Services	7.5
Publishing	5.8
Leisure Goods/Activities/Movies	5.6

³ Industries are shown as a percentage of the Trust's total investments as of 10/31/09.

Credit Quality Ratings for

Total Loan Investments⁴

By total loan investments

Baa	1.4%
Ba	36.9
B	37.4
Ca	0.8
Caa	6.2
Defaulted	7.6
Non-Rated ⁵	9.7

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 10/31/09. Although the investment adviser considers ratings when making investment decisions, it performs its

own credit and investment analysis and does not rely primarily on the ratings assigned by the rating services. Credit quality can change from time to time, and recently issued credit ratings may not fully reflect the actual risks posed by a particular security or the issuer's current financial condition. The rating assigned to a security by a rating agency does not necessarily reflect its assessment of the volatility of a security's market value or of the liquidity of an investment in the security.

- 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.

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Eaton Vance Senior Floating-Rate Trust as of October 31, 2009

PORTFOLIO OF INVESTMENTS

Senior Floating-Rate Interests 152.9%**Principal****Amount*****(000 s omitted)****Borrower/Tranche Description****Value**

Aerospace and Defense 3.1%

ACTS Aero Technical Support & Service, Inc.

709	Term Loan, 0.00%, Maturing October 5, 2014 ⁽²⁾	\$ 200,396
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AWAS Capital, Inc.

651	Term Loan, 2.06%, Maturing March 22, 2013	601,775
1,623	Term Loan - Second Lien, 6.31%, Maturing March 22, 2013	1,123,804

DAE Aviation Holdings, Inc.

407	Term Loan, 4.01%, Maturing July 31, 2014	383,008
416	Term Loan, 4.04%, Maturing July 31, 2014	391,500

Evergreen International Aviation

1,370	Term Loan, 12.00%, Maturing October 31, 2011	1,088,832
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Hawker Beechcraft Acquisition

4,331	Term Loan, 2.26%, Maturing March 26, 2014	3,443,312
256	Term Loan, 2.28%, Maturing March 26, 2014	203,746

Hexcel Corp.

773	Term Loan, 6.50%, Maturing May 21, 2014	779,238
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IAP Worldwide Services, Inc.

886	Term Loan, 9.25%, Maturing December 30, 2012 ⁽³⁾	745,211
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Spirit AeroSystems, Inc.

1,581	Term Loan, 2.03%, Maturing December 31, 2011	1,531,841
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TransDigm, Inc.

1,625	Term Loan, 2.29%, Maturing June 23, 2013	1,562,612
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Vought Aircraft Industries, Inc.

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909	Term Loan, 7.50%, Maturing December 17, 2011	911,286
215	Term Loan, 7.50%, Maturing December 22, 2011	213,736
Wesco Aircraft Hardware Corp.		
1,143	Term Loan, 2.50%, Maturing September 29, 2013	1,084,125
		\$ 14,264,422

Air Transport 0.6%

Airport Development and Investment, Ltd.

GBP	783	Term Loan - Second Lien, 4.56%, Maturing April 7, 2011	\$ 1,179,997
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Delta Air Lines, Inc.

	750	Term Loan, 2.20%, Maturing April 30, 2012	640,313
	1,173	Term Loan - Second Lien, 3.53%, Maturing April 30, 2014	988,839

\$ 2,809,149

Automotive 6.0%

Accuride Corp.

	1,958	Term Loan, 10.00%, Maturing January 31, 2012	\$ 1,948,790
	475	Term Loan, Maturing September 30, 2013 ⁽⁴⁾	485,545

Adesa, Inc.

	2,544	Term Loan, 2.50%, Maturing October 18, 2013	2,442,053
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Allison Transmission, Inc.

	1,893	Term Loan, 3.01%, Maturing September 30, 2014	1,703,473
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Cooper Standard Automotive, Inc.

	232	Revolving Loan, 6.75%, Maturing December 23, 2011	212,490
	1,413	Term Loan, 7.00%, Maturing December 23, 2010	1,296,693
	72	Term Loan, 2.50%, Maturing December 23, 2011	66,406

Dayco Products, LLC		
1,728	Term Loan, 0.00%, Maturing June 21, 2011 ⁽²⁾	792,206
Federal-Mogul Corp.		
2,483	Term Loan, 2.19%, Maturing December 27, 2014	1,913,088
3,120	Term Loan, 2.19%, Maturing December 27, 2015	2,404,078
Ford Motor Co.		
2,217	Term Loan, 3.29%, Maturing December 15, 2013	1,981,301
Goodyear Tire & Rubber Co.		
5,400	Term Loan - Second Lien, 2.34%, Maturing April 30, 2010	4,950,644
HLI Operating Co., Inc.		
540	DIP Loan, 26.00%, Maturing November 30, 2009 ⁽³⁾	544,950
EUR 109	Term Loan, 11.00%, Maturing May 30, 2014	12,041
EUR 1,853	Term Loan, 11.50%, Maturing May 30, 2014	422,701
Keystone Automotive Operations, Inc.		
1,323	Term Loan, 3.78%, Maturing January 12, 2012	810,611
LKQ Corp.		
938	Term Loan, 2.50%, Maturing October 12, 2014	923,445
TriMas Corp.		
426	Term Loan, 2.52%, Maturing August 2, 2011	392,600
2,776	Term Loan, 2.50%, Maturing August 2, 2013	2,557,450
TRW Automotive, Inc.		
916	Term Loan, 6.25%, Maturing February 2, 2014	917,826
United Components, Inc.		
1,137	Term Loan, 2.72%, Maturing June 30, 2010	1,054,709
		\$ 27,833,100

Beverage and Tobacco 0.3%

Culligan International Co.

EUR 975 Term Loan - Second Lien, 5.19%,
Maturing May 31, 2013 \$ 534,485

Southern Wine & Spirits of America, Inc.

997	Term Loan, 5.50%, Maturing May 31, 2012	976,195
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\$ 1,510,680

See notes to financial statements

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Eaton Vance Senior Floating-Rate Trust as of October 31, 2009

PORTFOLIO OF INVESTMENTS CONT D

Principal Amount* (000 s omitted)	Borrower/Tranche Description	Value
	Brokers, Dealers and Investment Houses 0.2%	
	AmeriTrade Holding Corp.	
730	Term Loan, 1.75%, Maturing December 31, 2012	\$ 710,089
		\$ 710,089
	Building and Development 3.3%	
	Beacon Sales Acquisition, Inc.	
1,140	Term Loan, 2.28%, Maturing September 30, 2013	\$ 1,075,933
	Brickman Group Holdings, Inc.	
1,186	Term Loan, 2.28%, Maturing January 23, 2014	1,119,559
	Epco/Fantome, LLC	
1,342	Term Loan, 2.87%, Maturing November 23, 2010	1,026,630
	Forestar USA Real Estate Group, Inc.	
1,377	Revolving Loan, 0.39%, Maturing December 1, 2010 ⁽⁵⁾	1,156,984
1,107	Term Loan, 5.10%, Maturing December 1, 2010	996,429
	LNR Property Corp.	
1,026	Term Loan, 3.75%, Maturing July 3, 2011	815,525
	Metroflag BP, LLC	
500	Term Loan - Second Lien, 0.00%, Maturing October 2, 2009 ⁽²⁾⁽⁶⁾	5,250
	Mueller Water Products, Inc.	
1,088	Term Loan, 5.78%, Maturing May 24, 2014	1,065,192

NCI Building Systems, Inc.

283	Term Loan, 4.03%, Maturing June 18, 2010	263,411
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November 2005 Land Investors

305	Term Loan, 0.00%, Maturing May 9, 2011 ⁽²⁾	103,646
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Panolam Industries Holdings, Inc.

1,000	Term Loan, 5.00%, Maturing September 30, 2012	902,760
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Re/Max International, Inc.

608	Term Loan, 6.50%, Maturing December 17, 2012	596,106
3,312	Term Loan, 9.77%, Maturing December 17, 2012	3,262,606

Realogy Corp.

320	Term Loan, 3.24%, Maturing September 1, 2014	268,765
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675	Term Loan, 3.29%, Maturing September 1, 2014	567,671
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South Edge, LLC

1,588	Term Loan, 0.00%, Maturing October 31, 2009 ⁽²⁾⁽⁶⁾	488,156
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WCI Communities, Inc.

1,500	Term Loan, 10.06%, Maturing September 3, 2014	1,481,250
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\$ 15,195,873

Business Equipment and Services 12.1%

Activant Solutions, Inc.

1,114	Term Loan, 2.31%, Maturing May 1, 2013	\$ 1,039,159
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Affiliated Computer Services

705	Term Loan, 2.24%, Maturing March 20, 2013	697,569
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794	Term Loan, 2.24%, Maturing March 20, 2013	785,734
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Affinion Group, Inc.

2,379	Term Loan, 2.74%, Maturing October 17, 2012	2,287,938
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Allied Barton Security Service

991	Term Loan, 6.75%, Maturing February 21, 2015	1,004,380
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Education Management, LLC

4,630	Term Loan, 2.06%, Maturing June 1, 2013	4,351,258
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Info USA, Inc.		
252	Term Loan, 2.29%, Maturing February 14, 2012	244,049
Intergraph Corp.		
1,000	Term Loan, 2.37%, Maturing May 29, 2014	959,375
1,000	Term Loan - Second Lien, 6.29%, Maturing November 29, 2014	962,500
iPayment, Inc.		
2,382	Term Loan, 2.27%, Maturing May 10, 2013	2,176,728
Kronos, Inc.		
1,023	Term Loan, 2.28%, Maturing June 11, 2014	965,513
Language Line, LLC		
1,851	Term Loan, 5.50%, Maturing June 11, 2011	1,850,579
2,025	Term Loan, Maturing October 30, 2015 ⁽⁴⁾	2,026,266
Mitchell International, Inc.		
1,000	Term Loan - Second Lien, 5.56%, Maturing March 28, 2015	680,000
N.E.W. Holdings I, LLC		
1,906	Term Loan, 2.74%, Maturing May 22, 2014	1,785,755
Protection One, Inc.		
887	Term Loan, 2.49%, Maturing March 31, 2012	848,533
Quantum Corp.		
199	Term Loan, 3.78%, Maturing July 12, 2014	181,558
Quintiles Transnational Corp.		
995	Term Loan, 2.28%, Maturing March 31, 2013	949,443
1,700	Term Loan - Second Lien, 4.28%, Maturing March 31, 2014	1,627,750
Sabre, Inc.		
6,057	Term Loan, 2.49%, Maturing September 30, 2014	5,258,491
Serena Software, Inc.		
477	Term Loan, 2.32%, Maturing March 10, 2013	441,821
Sitel (Client Logic)		
1,867	Term Loan, 5.77%, Maturing January 29, 2014	1,624,164
Solera Holdings, LLC		
EUR 736	Term Loan, 2.50%, Maturing May 15, 2014	1,051,267
SunGard Data Systems, Inc.		
2,238	Term Loan, 1.99%, Maturing February 11, 2013	2,106,998

6,862	Term Loan, 4.07%, Maturing February 28, 2016	6,676,719
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See notes to financial statements

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Eaton Vance Senior Floating-Rate Trust as of October 31, 2009

PORTFOLIO OF INVESTMENTS CONT'D

Principal Amount* (000 s omitted)	Borrower/Tranche Description	Value
Business Equipment and Services (continued)		
Ticketmaster		
1,750	Term Loan, 3.55%, Maturing July 22, 2014	\$ 1,723,750
Transaction Network Services, Inc.		
492	Term Loan, 9.50%, Maturing May 4, 2012	496,729
Travelport, LLC		
3,178	Term Loan, 2.78%, Maturing August 23, 2013	2,899,915
437	Term Loan, 2.78%, Maturing August 23, 2013	398,776
EUR	1,054	Term Loan, 3.24%, Maturing August 23, 2013
		1,388,552
Valassis Communications, Inc.		
459	Term Loan, 2.04%, Maturing March 2, 2014	429,541
1,789	Term Loan, 2.04%, Maturing March 2, 2014	1,673,953
VWR International, Inc.		
998	Term Loan, 2.74%, Maturing June 28, 2013	912,713
West Corp.		
1,374	Term Loan, 2.62%, Maturing October 24, 2013	1,265,042
1,996	Term Loan, 4.12%, Maturing July 15, 2016	1,880,949
		\$ 55,653,467

Cable and Satellite Television 12.6%

Atlantic Broadband Finance, LLC

2,575	Term Loan, 6.75%, Maturing June 8, 2013	\$ 2,568,705
96	Term Loan, 2.54%, Maturing September 1, 2013	94,527

Bragg Communications, Inc.

2,107	Term Loan, 2.86%, Maturing August 31, 2014	2,054,325
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Bresnan Broadband Holdings, LLC

498	Term Loan, 2.29%, Maturing March 29, 2014	479,258
1,200	Term Loan - Second Lien, 4.75%, Maturing March 29, 2014	1,143,000

Cequel Communications, LLC

2,486	Term Loan, 2.24%, Maturing November 5, 2013	2,380,411
3,931	Term Loan, 6.29%, Maturing May 5, 2014	3,925,289
2,050	Term Loan - Second Lien, 4.79%, Maturing May 5, 2014	2,007,975

Charter Communications Operating, Inc.

7,856	Term Loan, 6.25%, Maturing April 28, 2013	7,162,939
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CSC Holdings, Inc.

2,922	Term Loan, 2.05%, Maturing March 29, 2013	2,787,673
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CW Media Holdings, Inc.

613	Term Loan, 3.53%, Maturing February 15, 2015	569,625
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Foxco Acquisition Sub., LLC

581	Term Loan, 7.25%, Maturing July 2, 2015	530,624
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Insight Midwest Holdings, LLC

3,594	Term Loan, 2.29%, Maturing April 6, 2014	3,425,569
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MCC Iowa, LLC

5,733	Term Loan, 1.98%, Maturing January 31, 2015	5,274,659
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Mediacom Illinois, LLC

3,693	Term Loan, 1.73%, Maturing January 31, 2015	3,396,001
1,000	Term Loan, 5.50%, Maturing March 31, 2017	1,005,000

NTL Investment Holdings, Ltd.

GBP	197	Term Loan, 2.90%, Maturing March 30, 2012	314,483
GBP	2,331	Term Loan, 2.93%, Maturing September 3, 2012	3,714,243

ProSiebenSat.1 Media AG

EUR	410	Term Loan, 3.53%, Maturing March 2, 2015	403,480
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EUR	97	Term Loan, 2.73%, Maturing June 26, 2015	121,035
EUR	2,187	Term Loan, 2.73%, Maturing June 26, 2015	2,723,423
EUR	410	Term Loan, 3.78%, Maturing March 2, 2016	403,480
EUR	365	Term Loan, 8.15%, Maturing March 2, 2017 ⁽³⁾	124,097
EUR	520	Term Loan - Second Lien, 4.90%, Maturing September 2, 2016	291,728
UPC Broadband Holding B.V.			
	1,264	Term Loan, 2.00%, Maturing December 31, 2014	1,185,678
	1,686	Term Loan, 3.75%, Maturing December 31, 2016	1,622,620
EUR	2,353	Term Loan, 4.19%, Maturing December 31, 2016	3,185,566
EUR	2,697	Term Loan, 4.44%, Maturing December 31, 2017	3,668,470
Virgin Media Investment Holdings, Ltd.			
GBP	240	Term Loan, 4.43%, Maturing March 30, 2012	381,707
YPSO Holding SA			
EUR	209	Term Loan, 2.68%, Maturing July 28, 2014	238,138
EUR	249	Term Loan, 2.68%, Maturing July 28, 2014	284,095
EUR	542	Term Loan, 2.68%, Maturing July 28, 2014	617,071
			\$ 58,084,894

Chemicals and Plastics 7.5%

Ashland, Inc.

552	Term Loan, 7.65%, Maturing November 20, 2014	\$ 561,465
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Arizona Chemical, Inc.

500	Term Loan - Second Lien, 5.76%, Maturing February 28, 2014	437,500
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Brenntag Holding GmbH and Co. KG

1,493	Term Loan, 2.25%, Maturing December 23, 2013	1,422,369
365	Term Loan, 2.29%, Maturing December 23, 2013	347,290
1,000	Term Loan - Second Lien, 4.25%, Maturing December 23, 2015	938,333

Celanese Holdings, LLC

4,119	Term Loan, 2.04%, Maturing April 2, 2014	3,863,788
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First Chemical Holding

EUR 965	Term Loan, 3.32%, Maturing December 18, 2014	1,040,549
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Georgia Gulf Corp.

652	Term Loan, 10.00%, Maturing October 3, 2013	652,098
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Eaton Vance Senior Floating-Rate Trust as of October 31, 2009

PORTFOLIO OF INVESTMENTS CONT D

Principal Amount*	Borrower/Tranche Description	Value
(000 s omitted)		
Chemicals and Plastics (continued)		
Hexion Specialty Chemicals, Inc.		
489	Term Loan, 2.56%, Maturing May 5, 2012	\$ 384,891
776	Term Loan, 2.56%, Maturing May 5, 2013	617,207
3,574	Term Loan, 2.56%, Maturing May 5, 2013	2,841,281
Huntsman International, LLC		
2,500	Term Loan, 1.99%, Maturing August 16, 2012	2,289,235
1,000	Term Loan, 2.49%, Maturing June 30, 2016	918,750
INEOS Group		
2,795	Term Loan, 7.50%, Maturing December 14, 2013	2,397,799
2,700	Term Loan, 10.00%, Maturing December 14, 2014	2,316,258
EUR 1,250	Term Loan - Second Lien, 7.02%, Maturing December 14, 2012	1,376,799
ISP Chemco, Inc.		
1,557	Term Loan, 2.00%, Maturing June 4, 2014	1,477,393
Kranton Polymers, LLC		
2,744	Term Loan, 2.31%, Maturing May 12, 2013	2,610,740
MacDermid, Inc.		
EUR 724	Term Loan, 2.64%, Maturing April 12, 2014	839,651
Millenium Inorganic Chemicals		
312	Term Loan, 2.53%, Maturing April 30, 2014	287,387
975	Term Loan - Second Lien, 6.03%, Maturing October 31, 2014	804,375
Momentive Performance Material		
1,678		1,404,360

		Term Loan, 2.50%, Maturing December 4, 2013	
Nalco Co.	498	Term Loan, 6.50%, Maturing May 6, 2016	506,828
Rockwood Specialties Group, Inc.	3,210	Term Loan, 6.00%, Maturing May 15, 2014	3,255,184
Schoeller Arca Systems Holding			
EUR	145	Term Loan, 3.68%, Maturing November 16, 2015	136,119
EUR	412	Term Loan, 3.68%, Maturing November 16, 2015	388,102
EUR	443	Term Loan, 3.68%, Maturing November 16, 2015	417,635
			\$ 34,533,386

Clothing / Textiles 0.3%

Hanesbrands, Inc.

850	Term Loan - Second Lien, 3.99%, Maturing March 5, 2014	\$ 823,437
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St. John Knits International, Inc.

480	Term Loan, 9.25%, Maturing March 23, 2012	388,612
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\$ 1,212,049

Conglomerates 4.5%

Amsted Industries, Inc.

1,675	Term Loan, 2.29%, Maturing October 15, 2010	\$ 1,537,032
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Blount, Inc.

248	Term Loan, 2.00%, Maturing August 9, 2010	237,684
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Doncasters (Dunde HoldCo 4 Ltd.)

395	Term Loan, 4.24%, Maturing July 13, 2015	320,824
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395	Term Loan, 4.74%, Maturing July 13, 2015	320,824
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GBP	500	545,715
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	Term Loan - Second Lien, 5.02%, Maturing January 13, 2016	
Jarden Corp.		
922	Term Loan, 2.03%, Maturing January 24, 2012	889,804
1,636	Term Loan, 2.03%, Maturing January 24, 2012	1,582,561
Johnson Diversey, Inc.		
1,605	Term Loan, 2.48%, Maturing December 16, 2011	1,598,036
Manitowoc Company, Inc. (The)		
3,234	Term Loan, 7.50%, Maturing August 21, 2014	3,189,878
Polymer Group, Inc.		
1,923	Term Loan, 7.00%, Maturing November 22, 2014	1,927,389
RBS Global, Inc.		
784	Term Loan, 2.50%, Maturing July 19, 2013	752,136
3,785	Term Loan, 2.79%, Maturing July 19, 2013	3,646,058
RGIS Holdings, LLC		
136	Term Loan, 2.75%, Maturing April 30, 2014	120,778
2,710	Term Loan, 2.77%, Maturing April 30, 2014	2,415,569
US Investigations Services, Inc.		
997	Term Loan, 3.29%, Maturing February 21, 2015	929,622
Vertrue, Inc.		
822	Term Loan, 3.29%, Maturing August 16, 2014	680,393
		\$ 20,694,303

Containers and Glass Products 4.4%

Berry Plastics Corp.

1,990 Term Loan, 2.30%, Maturing April 3,
2015 \$ 1,714,541

Consolidated Container Co.

1,000 Term Loan - Second Lien, 5.75%,
Maturing September 28, 2014 830,833

Crown Americas, Inc.

606 Term Loan, 2.00%, Maturing
November 15, 2012 594,630

Graham Packaging Holdings Co.

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2,187	Term Loan, 2.55%, Maturing October 7, 2011	2,139,022
1,943	Term Loan, 6.75%, Maturing April 5, 2014	1,948,074
Graphic Packaging International, Inc.		
4,476	Term Loan, 2.28%, Maturing May 16, 2014	4,266,228
478	Term Loan, 3.03%, Maturing May 16, 2014	460,036
JSG Acquisitions		
1,791	Term Loan, 3.66%, Maturing December 31, 2013	1,723,511
1,791	Term Loan, 3.91%, Maturing December 13, 2014	1,723,511

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Eaton Vance Senior Floating-Rate Trust as of October 31, 2009

PORTFOLIO OF INVESTMENTS CONT D

Principal Amount*	Borrower/Tranche Description	Value
(000 s omitted)		
Containers and Glass Products (continued)		
Owens-Brockway Glass Container		
1,556	Term Loan, 1.74%, Maturing June 14, 2013	\$ 1,520,280
Smurfit-Stone Container Corp.		
1,470	Revolving Loan, 2.84%, Maturing July 28, 2010	1,440,367
487	Revolving Loan, 3.06%, Maturing July 28, 2010	477,726
191	Term Loan, 2.50%, Maturing November 1, 2011	185,939
336	Term Loan, 2.50%, Maturing November 1, 2011	327,053
633	Term Loan, 2.50%, Maturing November 1, 2011	614,991
295	Term Loan, 4.50%, Maturing November 1, 2011	287,386
		\$ 20,254,128
Cosmetics / Toiletries 0.6%		
American Safety Razor Co.		
488	Term Loan, 2.54%, Maturing July 31, 2013	\$ 464,842
900	Term Loan - Second Lien, 6.54%, Maturing July 31, 2014	735,750
KIK Custom Products, Inc.		
975	Term Loan - Second Lien, 5.28%, Maturing November 30, 2014	463,125
Prestige Brands, Inc.		
1,016		998,019

Term Loan, 2.49%, Maturing April 7,
2011

\$ 2,661,736

Drugs 1.1%

Graceway Pharmaceuticals, LLC

1,590 Term Loan, 2.99%, Maturing May 3,
2012 \$ 1,121,223

275 Term Loan, 8.49%, Maturing
November 3, 2013 57,750

1,500 Term Loan - Second Lien, 6.74%,
Maturing May 3, 2013 513,750

Pharmaceutical Holdings Corp.

340 Term Loan, 3.50%, Maturing January 30,
2012 322,378

Warner Chilcott Corp.

751 Term Loan, Maturing October 30,
2014⁽⁴⁾ 753,251

375 Term Loan, Maturing April 30, 2015⁽⁴⁾ 376,625

874 Term Loan, Maturing April 30, 2015⁽⁴⁾ 877,157

826 Term Loan, 5.75%, Maturing April 30,
2015 817,671

\$ 4,839,805

Ecological Services and Equipment 2.2%

Blue Waste B.V. (AVR Acquisition)

EUR 1,000 Term Loan, 2.68%, Maturing April 1,
2015 \$ 1,362,013

Cory Environmental Holdings

GBP 500 Term Loan - Second Lien, 5.49%,
Maturing September 30, 2014 512,890

Environmental Systems Products Holdings, Inc.

1,042 Term Loan - Second Lien, 13.50%,
Maturing December 12, 2010 932,625

Kemble Water Structure, Ltd.

GBP 4,250 Term Loan - Second Lien, 4.49%,
Maturing October 13, 2013 5,368,498

Sensus Metering Systems, Inc.

2,069 2,076,486

Term Loan, 7.00%, Maturing June 3,
2013

\$ 10,252,512

Electronics / Electrical 4.7%

Aspect Software, Inc.

889	Term Loan, 3.31%, Maturing July 11, 2011	\$ 815,297
1,800	Term Loan - Second Lien, 7.38%, Maturing July 11, 2013	1,521,000

FCI International S.A.S.

156	Term Loan, 3.41%, Maturing November 1, 2013	142,646
156	Term Loan, 3.41%, Maturing November 1, 2013	142,646
162	Term Loan, 3.41%, Maturing November 1, 2013	148,170
162	Term Loan, 3.41%, Maturing November 1, 2013	148,170

Freescale Semiconductor, Inc.

2,985	Term Loan, 2.00%, Maturing December 1, 2013	2,433,237
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Infor Enterprise Solutions Holdings

1,506	Term Loan, 4.00%, Maturing July 28, 2012	1,329,171
2,887	Term Loan, 4.00%, Maturing July 28, 2012	2,547,577
500	Term Loan, 5.74%, Maturing January 28, 2014	340,625
183	Term Loan - Second Lien, 6.49%, Maturing January 28, 2014	127,417
317	Term Loan - Second Lien, 6.49%, Maturing March 2, 2014	216,917

Network Solutions, LLC

621	Term Loan, 2.78%, Maturing March 7, 2014	559,226
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Open Solutions, Inc.

2,048	Term Loan, 2.41%, Maturing January 23, 2014	1,662,187
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Sensata Technologies Finance Co.

2,729	Term Loan, 2.03%, Maturing April 27, 2013	2,349,151
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Spectrum Brands, Inc.

255	Term Loan, 8.00%, Maturing March 30, 2013	250,453
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	4,002	Term Loan, 8.00%, Maturing March 30, 2013	3,924,371
VeriFone, Inc.			
	2,059	Term Loan, 3.00%, Maturing October 31, 2013	1,966,226
Vertafore, Inc.			
	1,204	Term Loan, 5.50%, Maturing July 31, 2014	1,185,936
			\$ 21,810,423

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Eaton Vance Senior Floating-Rate Trust as of October 31, 2009

PORTFOLIO OF INVESTMENTS CONT D

Principal Amount* (000 s omitted)	Borrower/Tranche Description	Value
Equipment Leasing	0.2%	
Hertz Corp.		
1,075	Term Loan, 2.00%, Maturing December 21, 2012	\$ 1,006,156
15	Term Loan, 2.04%, Maturing December 21, 2012	13,853
		\$ 1,020,009
Farming / Agriculture	0.6%	
BF Bolthouse HoldCo, LLC		
1,150	Term Loan - Second Lien, 5.74%, Maturing December 16, 2013	\$ 1,089,625
Central Garden & Pet Co.		
1,853	Term Loan, 1.75%, Maturing February 28, 2014	1,763,098
		\$ 2,852,723
Financial Intermediaries	2.2%	
Citco III, Ltd.		
2,612	Term Loan, 2.85%, Maturing June 30, 2014	\$ 2,285,417
Grosvenor Capital Management		
1,414	Term Loan, 2.25%, Maturing December 5, 2013	1,286,978

Jupiter Asset Management Group

GBP	405	Term Loan, 2.74%, Maturing June 30, 2015	627,910
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LPL Holdings, Inc.

	3,990	Term Loan, 2.01%, Maturing December 18, 2014	3,770,816
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Nuveen Investments, Inc.

	1,330	Term Loan, 3.28%, Maturing November 2, 2014	1,151,655
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Oxford Acquisition III, Ltd.

	898	Term Loan, 2.28%, Maturing May 24, 2014	747,196
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RJO Holdings Corp. (RJ O Brien)

	450	Term Loan, 3.25%, Maturing July 31, 2014	302,945
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\$ 10,172,917

Food Products 4.4%

Acosta, Inc.

	3,001	Term Loan, 2.50%, Maturing July 28, 2013	\$ 2,860,393
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Advantage Sales & Marketing, Inc.

	1,687	Term Loan, 2.29%, Maturing March 29, 2013	1,606,423
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Dean Foods Co.

	3,381	Term Loan, 1.66%, Maturing April 2, 2014	3,167,242
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Dole Food Company, Inc.

	108	Term Loan, 7.15%, Maturing April 12, 2013	109,003
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	188	Term Loan, 8.00%, Maturing April 12, 2013	190,055
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	675	Term Loan, 8.00%, Maturing April 12, 2013	682,618
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Pinnacle Foods Finance, LLC

	6,695	Term Loan, 3.00%, Maturing April 2, 2014	6,284,916
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Provimi Group SA

	205	Term Loan, 2.49%, Maturing June 28, 2015	189,617
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	252	Term Loan, 2.49%, Maturing June 28, 2015	233,347
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EUR	265	Term Loan, 2.68%, Maturing June 28, 2015	360,931
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EUR	439		596,940
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		Term Loan, 2.68%, Maturing June 28, 2015	
EUR	457	Term Loan, 2.68%, Maturing June 28, 2015	622,020
EUR	590	Term Loan, 2.68%, Maturing June 28, 2015	802,125
EUR	24	Term Loan - Second Lien, 4.68%, Maturing June 28, 2015	23,844
EUR	697	Term Loan - Second Lien, 2.22%, Maturing December 28, 2016 ⁽⁵⁾	687,686
	148	Term Loan - Second Lien, 4.49%, Maturing December 28, 2016	99,319
Reddy Ice Group, Inc.			
	1,970	Term Loan, 2.00%, Maturing August 9, 2012	1,763,150
			\$ 20,279,629

Food Service 3.8%

AFC Enterprises, Inc.

	339	Term Loan, 7.00%, Maturing May 11, 2011	\$ 341,898
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Aramark Corp.

	473	Term Loan, 2.14%, Maturing January 26, 2014	434,646
	7,204	Term Loan, 2.16%, Maturing January 26, 2014	6,624,296
GBP	973	Term Loan, 2.67%, Maturing January 27, 2014	1,460,445

Buffets, Inc.

	785	Term Loan, 18.00%, Maturing April 30, 2012	801,335
	108	Term Loan, 7.53%, Maturing November 1, 2013 ⁽³⁾	95,213
	542	Term Loan - Second Lien, 17.78%, Maturing November 1, 2013 ⁽³⁾	476,606

CBRL Group, Inc.

	1,650	Term Loan, 1.97%, Maturing April 27, 2013	1,591,800
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NPC International, Inc.

	350	Term Loan, 2.03%, Maturing May 3, 2013	333,143
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OSI Restaurant Partners, LLC

	264	Term Loan, 3.03%, Maturing May 9, 2013	220,547
	3,059		2,555,744

		Term Loan, 2.56%, Maturing May 9, 2014	
QCE Finance, LLC			
	1,213	Term Loan, 2.56%, Maturing May 5, 2013	982,042
	950	Term Loan - Second Lien, 6.03%, Maturing November 5, 2013	514,900
Sagittarius Restaurants, LLC			
	352	Term Loan, 9.75%, Maturing March 29, 2013	327,702
Selecta EUR			
	741	Term Loan - Second Lien, 5.34%, Maturing December 28, 2015	547,246
			\$ 17,307,563

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Eaton Vance Senior Floating-Rate Trust as of October 31, 2009

PORTFOLIO OF INVESTMENTS CONT D

Principal Amount* (000 s omitted)	Borrower/Tranche Description	Value
Food / Drug Retailers	4.6%	
General Nutrition Centers, Inc.		
6,336	Term Loan, 2.52%, Maturing September 16, 2013	\$ 5,880,415
Iceland Foods Group, Ltd.		
GBP 1,250	Term Loan, 3.01%, Maturing May 2, 2015	2,025,790
Pantry, Inc. (The)		
223	Term Loan, 1.75%, Maturing May 15, 2014	211,648
775	Term Loan, 1.75%, Maturing May 15, 2014	735,128
Rite Aid Corp.		
8,301	Term Loan, 2.00%, Maturing June 1, 2014	7,199,797
1,064	Term Loan, 6.00%, Maturing June 4, 2014	1,000,395
1,000	Term Loan, 9.50%, Maturing June 4, 2014	1,036,667
Roundy s Supermarkets, Inc.		
3,331	Term Loan, 6.03%, Maturing November 3, 2011	3,286,545
		\$ 21,376,385
Forest Products	2.8%	
Appleton Papers, Inc.		
1,817	Term Loan, 6.63%, Maturing June 5, 2014	\$ 1,653,543
Georgia-Pacific Corp.		
7,958		7,682,015

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	Term Loan, 2.32%, Maturing December 20, 2012	
1,081	Term Loan, 2.33%, Maturing December 20, 2012	1,043,415
1,567	Term Loan, 3.59%, Maturing December 23, 2014	1,559,199
Xerium Technologies, Inc.		
1,205	Term Loan, 5.78%, Maturing May 18, 2012	988,466
		\$ 12,926,638

Health Care 17.0%

Accellent, Inc.

2,264	Term Loan, 2.87%, Maturing November 22, 2012	\$ 2,152,453
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Alliance Imaging, Inc.

480	Term Loan, 2.86%, Maturing December 29, 2011	465,203
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American Medical Systems

632	Term Loan, 2.50%, Maturing July 20, 2012	614,390
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AMN Healthcare, Inc.

173	Term Loan, 2.03%, Maturing November 2, 2011	161,404
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AMR HoldCo, Inc.

1,090	Term Loan, 2.25%, Maturing February 10, 2012	1,049,527
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Biomet, Inc.

3,773	Term Loan, 3.28%, Maturing December 26, 2014	3,632,710
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EUR	1,201	Term Loan, 3.58%, Maturing December 26, 2014	1,690,895
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Bright Horizons Family Solutions, Inc.

938	Term Loan, 6.25%, Maturing May 15, 2015	938,711
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Cardinal Health 409, Inc.

4,194	Term Loan, 2.49%, Maturing April 10, 2014	3,656,807
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Carestream Health, Inc.

2,653	Term Loan, 2.24%, Maturing April 30, 2013	2,487,626
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1,000	Term Loan - Second Lien, 5.49%, Maturing October 30, 2013	853,125
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Carl Zeiss Vision Holding GmbH

1,300		916,500
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		Term Loan, 2.74%, Maturing March 23, 2015	
Community Health Systems, Inc.			
	524	Term Loan, 2.49%, Maturing July 25, 2014	489,123
	10,265	Term Loan, 2.61%, Maturing July 25, 2014	9,585,431
Concentra, Inc.			
	623	Term Loan - Second Lien, 6.54%, Maturing June 25, 2015 ⁽³⁾	517,184
ConMed Corp.			
	461	Term Loan, 1.74%, Maturing April 13, 2013	429,092
Convatec Cidron Healthcare			
EUR	746	Term Loan, 4.69%, Maturing July 30, 2016	1,072,642
CRC Health Corp.			
	483	Term Loan, 2.53%, Maturing February 6, 2013	431,905
	485	Term Loan, 2.53%, Maturing February 6, 2013	434,075
Dako EQT Project Delphi			
	500	Term Loan - Second Lien, 4.04%, Maturing December 12, 2016	286,250
DaVita, Inc.			
	548	Term Loan, 1.76%, Maturing October 5, 2012	527,142
DJO Finance, LLC			
	786	Term Loan, 3.26%, Maturing May 15, 2014	759,473
Fenwal, Inc.			
	500	Term Loan - Second Lien, 5.62%, Maturing August 28, 2014	426,875
Fresenius Medical Care Holdings			
	492	Term Loan, 1.66%, Maturing March 31, 2013	473,328
Hanger Orthopedic Group, Inc.			
	701	Term Loan, 2.25%, Maturing May 30, 2013	667,247
HCA, Inc.			
	10,307	Term Loan, 2.53%, Maturing November 18, 2013	9,619,329
Health Management Association, Inc.			
	6,134	Term Loan, 2.03%, Maturing February 28, 2014	5,705,751
HealthSouth Corp.			
	1,255	Term Loan, 2.55%, Maturing March 10, 2013	1,198,450
	1,033	Term Loan, 4.05%, Maturing March 15, 2014	1,012,197
Iasis Healthcare, LLC			

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288	Term Loan, 2.24%, Maturing March 14, 2014	272,097
834	Term Loan, 2.24%, Maturing March 14, 2014	786,258
78	Term Loan, 2.24%, Maturing March 14, 2014	73,478
Ikaria Acquisition, Inc.		
1,484	Term Loan, 2.51%, Maturing March 28, 2013	1,392,860

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Eaton Vance Senior Floating-Rate Trust as of October 31, 2009

PORTFOLIO OF INVESTMENTS CONT D

Principal Amount* (000 s omitted)	Borrower/Tranche Description	Value
Health Care (continued)		
IM U.S. Holdings, LLC		
982	Term Loan, 2.26%, Maturing June 26, 2014	\$ 930,835
625	Term Loan - Second Lien, 4.49%, Maturing June 26, 2015	600,000
Invacare Corp.		
164	Term Loan, 2.49%, Maturing February 12, 2013	156,415
LifePoint Hospitals, Inc.		
2,022	Term Loan, 2.02%, Maturing April 15, 2012	1,964,154
MultiPlan Merger Corp.		
999	Term Loan, 2.75%, Maturing April 12, 2013	945,895
1,397	Term Loan, 2.75%, Maturing April 12, 2013	1,322,754
Mylan, Inc.		
3,582	Term Loan, 3.55%, Maturing October 2, 2014	3,492,450
National Mentor Holdings, Inc.		
1,005	Term Loan, 2.29%, Maturing June 29, 2013	904,815
62	Term Loan, 2.44%, Maturing June 29, 2013	55,479
National Renal Institutes, Inc.		
820	Term Loan, 4.31%, Maturing March 31, 2013 ⁽³⁾	701,208
Nyco Holdings		
EUR 500	Term Loan, Maturing December 29, 2014 ⁽⁴⁾	684,067
EUR 500	Term Loan, Maturing December 29, 2015 ⁽⁴⁾	684,067
Physiotherapy Associates, Inc.		
746	Term Loan, 7.50%, Maturing June 27, 2013	542,005

RadNet Management, Inc.		
2,031	Term Loan, 4.54%, Maturing November 15, 2012	1,959,951
ReAble Therapeutics Finance, LLC		
2,507	Term Loan, 2.29%, Maturing November 16, 2013	2,394,455
Renal Advantage, Inc.		
1	Term Loan, 2.79%, Maturing October 5, 2012	788
Select Medical Holdings Corp.		
2,435	Term Loan, 4.16%, Maturing August 5, 2014	2,441,072
Sunrise Medical Holdings, Inc.		
416	Term Loan, 8.25%, Maturing May 13, 2010	301,293
TZ Merger Sub., Inc. (TriZetto)		
746	Term Loan, 7.50%, Maturing July 24, 2015	749,962
Vanguard Health Holding Co., LLC		
2,134	Term Loan, 2.49%, Maturing September 23, 2011	2,085,549
Viant Holdings, Inc.		
505	Term Loan, 2.54%, Maturing June 25, 2014	492,790
		\$ 78,189,542

Home Furnishings 1.6%

Hunter Fan Co.		
428	Term Loan, 2.75%, Maturing April 16, 2014	\$ 308,341
Interline Brands, Inc.		
293	Term Loan, 1.99%, Maturing June 23, 2013	270,533
936	Term Loan, 2.04%, Maturing June 23, 2013	863,037
National Bedding Co., LLC		
1,469	Term Loan, 2.28%, Maturing August 31, 2011	1,340,073
2,050	Term Loan - Second Lien, 5.31%, Maturing August 31, 2012	1,660,500
Simmons Co.		
2,799	Term Loan, 10.50%, Maturing December 19, 2011	2,776,635
1,090	Term Loan, 7.35%, Maturing February 15, 2012 ⁽³⁾	32,709

\$ 7,251,828

Industrial Equipment 4.1%

Brand Energy and Infrastructure Services, Inc.

731 Term Loan, 2.31%, Maturing February 7, 2014 \$ 661,781

784 Term Loan, 3.66%, Maturing February 7, 2014 725,984

CEVA Group PLC U.S.

3,465 Term Loan, 3.24%, Maturing November 4, 2013 2,925,248

2,234 Term Loan, 3.24%, Maturing November 4, 2014 1,886,130

1,006 Term Loan, 3.28%, Maturing November 4, 2014 836,402

EPD Holdings (Goodyear Engineering Products)

146 Term Loan, 2.50%, Maturing July 13, 2014 118,039

1,018 Term Loan, 2.50%, Maturing July 13, 2014 824,171

775 Term Loan - Second Lien, 6.00%, Maturing July 13, 2015 472,750

Generac Acquisition Corp.

1,744 Term Loan, 2.78%, Maturing November 7, 2013 1,581,501

500 Term Loan - Second Lien, 6.28%, Maturing April 7, 2014 428,125

Gleason Corp.

138 Term Loan, 2.09%, Maturing June 30, 2013 134,948

568 Term Loan, 2.09%, Maturing June 30, 2013 554,193

Jason, Inc.

398 Term Loan, 5.03%, Maturing April 30, 2010 208,690

John Maneely Co.

2,665 Term Loan, 3.51%, Maturing December 8, 2013 2,448,042

KION Group GmbH

250 Term Loan, 2.49%, Maturing December 23, 2014 172,188

250 Term Loan, 2.74%, Maturing December 23, 2015 172,188

Polypore, Inc.

3,954 3,702,294

	Term Loan, 2.46%, Maturing July 3, 2014	
Sequa Corp.		
794	Term Loan, 3.88%, Maturing November 30, 2014	708,952
TFS Acquisition Corp.		
686	Term Loan, 14.00%, Maturing August 11, 2013 ⁽³⁾	458,004
		\$ 19,019,630

See notes to financial statements

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Eaton Vance Senior Floating-Rate Trust as of October 31, 2009

PORTFOLIO OF INVESTMENTS CONT D

Principal Amount* (000 s omitted)	Borrower/Tranche Description	Value
Insurance	3.2%	
AmWINS Group, Inc.		
985	Term Loan, 2.84%, Maturing June 8, 2013	\$ 805,145
500	Term Loan - Second Lien, 5.79%, Maturing June 8, 2014	350,000
Applied Systems, Inc.		
2,136	Term Loan, 2.74%, Maturing September 26, 2013	2,030,710
CCC Information Services Group, Inc.		
1,563	Term Loan, 2.50%, Maturing February 10, 2013	1,517,803
Conseco, Inc.		
3,425	Term Loan, 6.50%, Maturing October 10, 2013	3,102,373
Crawford & Company		
1,208	Term Loan, 3.04%, Maturing October 31, 2013	1,158,170
Crump Group, Inc.		
805	Term Loan, 3.25%, Maturing August 4, 2014	728,846
Hub International Holdings, Inc.		
497	Term Loan, 2.74%, Maturing June 13, 2014	438,372
2,212	Term Loan, 2.74%, Maturing June 13, 2014	1,950,755
575	Term Loan, Maturing June 30, 2014 ⁽⁴⁾	563,500
U.S.I. Holdings Corp.		
2,286	Term Loan, 3.04%, Maturing May 4, 2014	1,990,467
		\$ 14,636,141

Leisure Goods / Activities / Movies 8.9%

24 Hour Fitness Worldwide, Inc.

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1,616	Term Loan, 2.77%, Maturing June 8, 2012	\$ 1,514,005
AMC Entertainment, Inc.		
3,787	Term Loan, 1.74%, Maturing January 26, 2013	3,585,580
AMF Bowling Worldwide, Inc.		
1,000	Term Loan - Second Lien, 6.49%, Maturing December 8, 2013	700,000
Bombardier Recreational Products		
1,823	Term Loan, 3.00%, Maturing June 28, 2013	1,280,506
Butterfly Wendel US, Inc.		
280	Term Loan, 3.22%, Maturing June 22, 2013	207,469
280	Term Loan, 2.97%, Maturing June 22, 2014	207,536
Carmike Cinemas, Inc.		
890	Term Loan, 3.54%, Maturing May 19, 2012	864,128
718	Term Loan, 4.24%, Maturing May 19, 2012	696,856
Cedar Fair, L.P.		
306	Term Loan, 2.24%, Maturing August 30, 2012	294,725
2,109	Term Loan, 4.24%, Maturing February 17, 2014	2,046,160
Cinemark, Inc.		
3,505	Term Loan, 2.07%, Maturing October 5, 2013	3,333,104
Deluxe Entertainment Services		
996	Term Loan, 2.51%, Maturing January 28, 2011	931,133
59	Term Loan, 2.53%, Maturing January 28, 2011	55,217
103	Term Loan, 2.53%, Maturing January 28, 2011	95,895
Easton-Bell Sports, Inc.		
1,061	Term Loan, 2.04%, Maturing March 16, 2012	1,006,318
Fender Musical Instruments Corp.		
331	Term Loan, 2.54%, Maturing June 9, 2014	283,320
653	Term Loan, 2.54%, Maturing June 9, 2014	558,102
Formula One (Alpha D2, Ltd.)		
2,000	Term Loan - Second Lien, Maturing June 30, 2014 ⁽⁴⁾	1,632,500
Mega Blocks, Inc.		
1,580		