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

Item 1. Reports to Stockholders

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.

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. Performance was driven by a combination of technical factors, which improved the market 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 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.

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 perfor-**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	At NAV	6.39%
	At Market Price	6.75%

See page 3 for more performance information.

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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.

Performance results reflect the effects of leverage.

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.

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.

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

FUND PERFORMANCE

Trust Performance¹

NYSE Symbol Average Annual Total Returns (by market price, NYSE)	EFR
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 Five Years Life of Trust (11/28/03)	46.90% 1.84 2.25
¹ Performance	

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

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

results reflect

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

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 <u>Total Loan Investments</u>⁴

By total loan investments

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

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.

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 Defe	ense 3.1%	
ACTS Aero Techn	nical Support & Service, Inc.	
709	Term Loan, 0.00%, Maturing October 5, 2014 ⁽²⁾	\$ 200,396
AWAS Capital, In	ıc.	
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 Hol	_	1,120,001
407	Term Loan, 4.01%, Maturing July 31, 2014	383,008
416	Term Loan, 4.04%, Maturing July 31, 2014	391,500
Evergreen Interna	ntional Aviation	,
1,370	Term Loan, 12.00%, Maturing October 31, 2011	1,088,832
Hawker Beechcraf	ft 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
IAP Worldwide Se	ervices, Inc.	
886	Term Loan, 9.25%, Maturing December 30, 2012 ⁽³⁾	745,211
Spirit AeroSystems, Inc.		
1,581	Term Loan, 2.03%, Maturing December 31, 2011	1,531,841
TransDigm, Inc.		
1,625	Term Loan, 2.29%, Maturing June 23, 2013	1,562,612

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Vought Aircraft Industries, Inc.

909	Term Loan, 7.50%, Maturing December 17, 2011	911,286
215	Term Loan, 7.50%, Maturing	
	December 22, 2011	213,736
Wesco Aircraft H	ardware Corp.	
1,143	Term Loan, 2.50%, Maturing	
	September 29, 2013	1,084,125
Wesco Aircraft H	December 22, 2011 ardware Corp. Term Loan, 2.50%, Maturing	

\$ 14,264,422

Air Transport 0.6%

-	velopm	ent and Investment, Ltd.	
GBP	783	Term Loan - Second Lien, 4.56%,	
		Maturing April 7, 2011	\$ 1,179,997
Delta Air L	ines, In	ıc.	
	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

Ψ 2,007,147

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
Allison Transmiss	ion, Inc.	
1,893	Term Loan, 3.01%, Maturing	
	September 30, 2014	1,703,473
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 P	roducts, L	LC	
·	1,728	Term Loan, 0.00%, Maturing June 21, 2011 ⁽²⁾	792,206
Federal-	Mogul Co	orp.	
	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 Mo	otor Co.	,	, ,
	2,217	Term Loan, 3.29%, Maturing	
	,	December 15, 2013	1,981,301
Goodyea	ar Tire &	Rubber Co.	, ,
•	5,400	Term Loan - Second Lien, 2.34%,	
		Maturing April 30, 2010	4,950,644
HLI Op	erating Co	o., 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
Keyston	Keystone Automotive Operations, Inc.		
	1,323	Term Loan, 3.78%, Maturing January 12,	
		2012	810,611
LKQ Co	orp.		
	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 A	utomotive	, Inc.	
	916	Term Loan, 6.25%, Maturing February 2,	
		2014	917,826
United (Componen	ts, 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

\$ 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	Va	lue
Brokers, Dealers ar	nd Investment Houses 0.2%		
AmeriTrade Hold 730	ing Corp. 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 1 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 Rea	l 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 Co	rp.		
1,026	Term Loan, 3.75%, Maturing July 3, 2011		815,525
Metroflag BP, LL	C		
500	Term Loan - Second Lien, 0.00%, Maturing October 2, 2009 ⁽²⁾⁽⁶⁾		5,250
Mueller Water Pr	•		
1,088	Term Loan, 5.78%, Maturing May 24, 2014		1,065,192

agai i iiiig. EATOI	VANOE SEMISTITE CATING TIATE T	110	01 10111111
NCI Building Syst	ems, Inc.		
283	Term Loan, 4.03%, Maturing June 18,		
	2010		263,411
November 2005 La	and Investors		
305	Term Loan, 0.00%, Maturing May 9,		
	2011(2)		103,646
Panolam Industrie	es Holdings, Inc.		
1,000	Term Loan, 5.00%, Maturing		
	September 30, 2012		902,760
Re/Max Internation	•		•
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
675	Term Loan, 3.29%, Maturing		,
	September 1, 2014		567,671
South Edge, LLC	5 promosi 1, 2 01 .		207,071
1,588	Term Loan, 0.00%, Maturing		
1,000	October 31, 2009 ⁽²⁾⁽⁶⁾		488,156
WCI Communities			,
1,500	Term Loan, 10.06%, Maturing		
1,500	September 3, 2014		1,481,250
	50ptemeer 5, 2011		1,101,200
		\$	15,195,873
		Ψ	10,150,070
Business Equipmen	at and Services 12.1%		
Dusiness Equipmen	it and Scrvices 12.170		
Activant Solutions	Inc		
1,114	Term Loan, 2.31%, Maturing May 1,		
1,114	2013	\$	1,039,159
Affiliated Comput		Ф	1,039,139
705			
103	Term Loan, 2.24%, Maturing March 20, 2013		607.560
704			697,569
794	Term Loan, 2.24%, Maturing March 20, 2013		705 724
A 60° C T-			785,734
Affinion Group, In			
2,379	Term Loan, 2.74%, Maturing		2 207 020
AUC ID (C	October 17, 2012		2,287,938
Allied Barton Secu	•		
991	Term Loan, 6.75%, Maturing		1.001.000
77.1 A 7.5	February 21, 2015		1,004,380
Education Manage	•		
4,630	Term Loan, 2.06%, Maturing June 1,		
	2013		4,351,258

3 3		
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,	
1,000	2014	959,375
1,000	Term Loan - Second Lien, 6.29%,	757,575
1,000	Maturing November 29, 2014	962,500
iDaymont Inc	Waturing November 29, 2014	902,300
iPayment, Inc.	Town Loop 2 27% Moturing May 10	
2,382	Term Loan, 2.27%, Maturing May 10,	2 177 720
T7 T	2013	2,176,728
Kronos, Inc.		
1,023	Term Loan, 2.28%, Maturing June 11,	
	2014	965,513
Language Line, Ll	LC	
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 Internation	onal. Inc.	, ,
1,000	Term Loan - Second Lien, 5.56%,	
-,000	Maturing March 28, 2015	680,000
N.E.W. Holdings I		000,000
1,906	Term Loan, 2.74%, Maturing May 22,	
1,700	2014	1,785,755
Protection One In		1,765,755
Protection One, In		
887	Term Loan, 2.49%, Maturing March 31,	0.40, 522
0 4 0	2012	848,533
Quantum Corp.		
199	Term Loan, 3.78%, Maturing July 12,	
	2014	181,558
Quintiles Transna	<u>-</u>	
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, 1	•	, ,
477	Term Loan, 2.32%, Maturing March 10,	
	2013	441,821
Sitel (Client Logic		,
1,867	Term Loan, 5.77%, Maturing January 29,	
1,007	2014	1,624,164
Soloro Holdings I		1,024,104
Solera Holdings, L EUR 736		
EUR 736	Term Loan, 2.50%, Maturing May 15,	1 051 267
CCID (C	2014	1,051,267
SunGard Data Sys		
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

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

Princip Amour (000 s		Borrower/Tranche Description	Value
Busines	ss Equipmen	at and Services (continued)	
Ticketı	naster		
	1,750	Term Loan, 3.55%, Maturing July 22, 2014	\$ 1,723,750
Transa	ction Netwo	ork Services, Inc.	
	492	Term Loan, 9.50%, Maturing May 4, 2012	496,729
Travel	port, 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
Valassi	s Communi	ications, 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 I	nternationa	al, Inc.	
	998	Term Loan, 2.74%, Maturing June 28, 2013	912,713
West C	-		
	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 Broadba	nd 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 Communic			
2,107	Term Loan, 2.86%, Maturing August 31, 2014		2,054,325
Bresnan Broadba	nd 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 Communi	cations, 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 Commun	ications Operating, Inc.		
7,856	Term Loan, 6.25%, Maturing April 28, 2013		7,162,939
CSC Holdings, In	c.		
2,922	Term Loan, 2.05%, Maturing March 29, 2013		2,787,673
CW Media Holdii	ngs, Inc.		
613	Term Loan, 3.53%, Maturing		
	February 15, 2015		569,625
Foxco Acquisition	•		
581	Term Loan, 7.25%, Maturing July 2, 2015		530,624
Insight Midwest I			
3,594	Term Loan, 2.29%, Maturing April 6, 2014		3,425,569
MCC Iowa, LLC			
5,733	Term Loan, 1.98%, Maturing January 31, 2015		5,274,659
Mediacom Illinois			
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	0.		
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 M	•		•
EUR 410	Term Loan, 3.53%, Maturing March 2, 2015		403,480

EUR	97	Torm Loop 2.72% Moturing June 26	
EUK	91	Term Loan, 2.73%, Maturing June 26, 2015	121,035
EUR	2,187	Term Loan, 2.73%, Maturing June 26,	121,033
LUK	2,107	2015	2,723,423
EUR	410	Term Loan, 3.78%, Maturing March 2,	2,723,423
LUK	410	2016	403,480
EUR	365	Term Loan, 8.15%, Maturing March 2,	405,460
LUK	303	2017 ⁽³⁾	124,097
EUR	520	Term Loan - Second Lien, 4.90%,	124,097
LUK	320	Maturing September 2, 2016	291,728
IIDC Br	oodbond I	Holding B.V.	291,720
OF C DI		8	
	1,264	Term Loan, 2.00%, Maturing	1 105 (70
		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 N	Aedia Inve	estment Holdings, Ltd.	
GBP	240	Term Loan, 4.43%, Maturing March 30,	
		2012	381,707
YPSO F	Iolding 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
			017,071

\$ 58,084,894

Chemicals and Plastics 7.5%

Ashland, Inc.		
552	Term Loan, 7.65%, Maturing	
	November 20, 2014	\$ 561,465
Arizona Chemical	, Inc.	
500	Term Loan - Second Lien, 5.76%,	
	Maturing February 28, 2014	437,500
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

First Chemical Holding

EUR 965 Term Loan, 3.32%, Maturing

December 18, 2014 1,040,549

Georgia Gulf Corp.

652 Term Loan, 10.00%, Maturing

October 3, 2013 652,098

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 om	itted)	Borrower/Tranche Description	Value
Chemicals	and Plas	stics (continued)	
Hexion Sp	ecialty (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	Interna	ational, LLC	2,041,201
114116311411	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 Gr	oup		
	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 Chem	-		
	1,557	Term Loan, 2.00%, Maturing June 4, 2014	1,477,393
Kranton P	-		
	2,744	Term Loan, 2.31%, Maturing May 12, 2013	2,610,740
MacDermi	,		
EUR	724	Term Loan, 2.64%, Maturing April 12, 2014	839,651
Millenium	_	nic 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
Momentiv		mance Material	
	1,678		1,404,360

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

St. John Knits International, Inc.

480 Term Loan, 9.25%, Maturing March 23,

2012 388,612

\$ 1,212,049

Conglomerates 4.5%

Amsted Industries, Inc.

1,675 Term Loan, 2.29%, Maturing

October 15, 2010 \$ 1,537,032

Blount, Inc.

GBP

248 Term Loan, 2.00%, Maturing August 9,

2010 237,684

Doncasters (Dunde HoldCo 4 Ltd.)

395 Term Loan, 4.24%, Maturing July 13,

2015 320,824

395 Term Loan, 4.74%, Maturing July 13,

2015 320,824 500 545,715

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, 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 Term Loan, 2.79%, Maturing July 19, 3,785 2013 3,646,058 **RGIS Holdings, LLC** 136 Term Loan, 2.75%, Maturing April 30, 120,778 2,710 Term Loan, 2.77%, Maturing April 30, 2014 2,415,569 **US Investigations Services, Inc.** Term Loan, 3.29%, Maturing 997 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 Cor	ъ.			
1,990	Term Loan, 2.30%, Maturing April 3,			
	2015	\$	1,714,541	
Consolidated Cont	tainer 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.				

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	g 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

See notes to financial statements

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

Prestige Brands, Inc.

1,016

PORTFOLIO OF INVESTMENTS CONT D

Principal Amount* (000 s omitted)	Borrower/Tranche Description	V	alue	
Containers and Gla	ss Products (continued)			
Owens-Brockway	Glass Container			
1,556	Term Loan, 1.74%, Maturing June 14, 2013	\$	1,520,280	
Smurfit-Stone Con	ntainer 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 I				
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 Prod	•			
975	Term Loan - Second Lien, 5.28%, Maturing November 30, 2014		463,125	

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998,019

Term Loan, 2.49%, Maturing April 7, 2011

\$ 2,661,736

Drugs 1.1%

Craceway Pharmstricals, LLC					
2012 1,121,223	Graceway P	harma	nceuticals, LLC		
275	1	1,590	Term Loan, 2.99%, Maturing May 3,		
November 2, 2013 57,750 1,500 Term Loan - Second Lien, 6.74%, Maturing May 3, 2013 513,750 Pharmaceutical Holdings Corp.			2012	\$	1,121,223
1,500		275	Term Loan, 8.49%, Maturing		
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) 877,157 826 Term Loan, 5.75%, Maturing April 30, 2015(4) 817,671 826 Term Loan, 5.75%, Maturing April 30, 2015(4) 817,671 Subject of the state of the			November 3, 2013		57,750
Pharmaceutical Holdings Corp. 340 Term Loan, 3.50%, Maturing January 30, 2012 322,378	1	1,500	Term Loan - Second Lien, 6.74%,		
340 Term Loan, 3.50%, Maturing January 30, 2012 322,378			Maturing May 3, 2013		513,750
Varner 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 ⁽⁴⁾ 817,671	Pharmaceut	ical H	oldings Corp.		
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(4) 817,671 \$ 4,839,805 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.		340	Term Loan, 3.50%, Maturing January 30,		
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 817,671 817,671 826 \$4,839,805 \$4,839,805 \$4,839,805 \$4,839,805 \$4,839,805 \$1,362,013 \$1,362,013 \$1,362,013 \$1,362,013 \$1,362,013 \$1,362,013 \$1,362,013 \$1,362,013 \$1,042 Term Loan - Second Lien, 5.49%, Maturing September 30, 2014 512,890 \$1,042 Term Loan - Second Lien, 13.50%, Maturing December 12, 2010 932,625 \$1,362,013					322,378
## Description	Warner Chi		Corp.		
375 Term Loan, Maturing April 30, 2015 ⁽⁴⁾ 874 Term Loan, Maturing April 30, 2015 ⁽⁴⁾ 877,157 826 Term Loan, 5.75%, Maturing April 30, 2015 817,671 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.		751	——————————————————————————————————————		
### Record			$2014^{(4)}$		
## Second Lien, 5.75%, Maturing April 30, 2015 ## Second Lien, 5.75%, Maturing April 30, 817,671 ## Second Lien, 5.75%, Maturing April 30, 817,671 ## Second Lien, 5.75%, Maturing April 30, 817,671 ## Second Lien, 5.49%, Maturing April 1, 2015 ## Second Lien, 5.49%, Maturing September 30, 2014 ## Environmental Systems Products Holdings, Inc. ## 1,042 Term Loan - Second Lien, 13.50%, Maturing December 12, 2010 ## Second Lien, 13.50%, Maturing December 12, 2010 ## Second Lien, 4.49%, Maturing October 13, 2013		375	3 1		
### Ecological Services and Equipment 2.2% #### Ecological Services and Equipment 2.2% ##### Blue Waste B.V. (AVR Acquisition) ###################################					877,157
## ## ## ## ## ## ## ## ## ##		826	· ·		
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.			2015		817,671
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.					
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.					
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.				\$	4.839.805
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.					,,
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.				•	, ,
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.					, ,
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.				·	,,
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.					, ,
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.	Ecological So	ervices	and Equipment 2.2%		,,
Sensus Metering September 30, 2014 Second Lien, 5.49%, Maturing September 30, 2014 Sept	Ecological So	ervices	and Equipment 2.2%		,,
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.			• •		, ,
GBP 500 Term Loan - Second Lien, 5.49%,	Blue Waste	B.V. (<i>A</i>	AVR Acquisition)		
Maturing September 30, 2014 Environmental Systems Products Holdings, Inc. 1,042 Term Loan - Second Lien, 13.50%, Maturing December 12, 2010 Kemble Water Structure, Ltd. GBP 4,250 Term Loan - Second Lien, 4.49%, Maturing October 13, 2013 Sensus Metering Systems, Inc.	Blue Waste	B.V. (<i>A</i>	AVR Acquisition) Term Loan, 2.68%, Maturing April 1, 2015		
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.	Blue Waste	B.V. (<i>A</i>	AVR Acquisition) Term Loan, 2.68%, Maturing April 1, 2015		
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.	Blue Waste EUR Cory Enviro	B.V. (<i>A</i> 1,000 c)	AVR Acquisition) Term Loan, 2.68%, Maturing April 1, 2015 tal Holdings		
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.	Blue Waste EUR Cory Environment GBP	B.V. (A	AVR Acquisition) Term Loan, 2.68%, Maturing April 1, 2015 tal Holdings Term Loan - Second Lien, 5.49%, Maturing September 30, 2014		1,362,013
Kemble Water Structure, Ltd. GBP 4,250 Term Loan - Second Lien, 4.49%, Maturing October 13, 2013 5,368,498 Sensus Metering Systems, Inc.	Blue Waste EUR Cory Environment GBP	B.V. (A	AVR Acquisition) Term Loan, 2.68%, Maturing April 1, 2015 tal Holdings Term Loan - Second Lien, 5.49%, Maturing September 30, 2014		1,362,013
GBP 4,250 Term Loan - Second Lien, 4.49%, Maturing October 13, 2013 5,368,498 Sensus Metering Systems, Inc.	Blue Waste EUR Cory Environment	B.V. (A 1,000 onment 500 ontal Sys	AVR Acquisition) Term Loan, 2.68%, Maturing April 1, 2015 tal Holdings Term Loan - Second Lien, 5.49%, Maturing September 30, 2014 stems Products Holdings, Inc. Term Loan - Second Lien, 13.50%,		1,362,013
Maturing October 13, 2013 5,368,498 Sensus Metering Systems, Inc.	Blue Waste EUR Cory Environment	B.V. (A 1,000 onment 500 ontal Sys	AVR Acquisition) Term Loan, 2.68%, Maturing April 1, 2015 tal Holdings Term Loan - Second Lien, 5.49%, Maturing September 30, 2014 stems Products Holdings, Inc. Term Loan - Second Lien, 13.50%,		1,362,013 512,890
Sensus Metering Systems, Inc.	Blue Waste EUR Cory Environmen	B.V. (A) 1,000 onment 500 htal Sys	AVR Acquisition) Term Loan, 2.68%, Maturing April 1, 2015 tal Holdings Term Loan - Second Lien, 5.49%, Maturing September 30, 2014 stems Products Holdings, Inc. Term Loan - Second Lien, 13.50%, Maturing December 12, 2010		1,362,013 512,890
	Blue Waste EUR Cory Environment Environment Kemble Waste	B.V. (A 1,000 onment 500 atal Sys 1,042 ter Str	AVR Acquisition) Term Loan, 2.68%, Maturing April 1, 2015 tal Holdings Term Loan - Second Lien, 5.49%, Maturing September 30, 2014 stems Products Holdings, Inc. Term Loan - Second Lien, 13.50%, Maturing December 12, 2010 ucture, Ltd. Term Loan - Second Lien, 4.49%,		1,362,013 512,890
2 069 2 076 486	Blue Waste EUR Cory Environment Environment Kemble Waste	B.V. (A 1,000 onment 500 atal Sys 1,042 ter Str	AVR Acquisition) Term Loan, 2.68%, Maturing April 1, 2015 tal Holdings Term Loan - Second Lien, 5.49%, Maturing September 30, 2014 stems Products Holdings, Inc. Term Loan - Second Lien, 13.50%, Maturing December 12, 2010 ucture, Ltd. Term Loan - Second Lien, 4.49%,		1,362,013 512,890 932,625
2,070,400	Blue Waste EUR Cory Environmen Environmen Kemble Waste EUR Sensus Meter	B.V. (A 1,000 onment 500 atal Sys 1,042 ter Str 4,250	AVR Acquisition) Term Loan, 2.68%, Maturing April 1, 2015 tal Holdings Term Loan - Second Lien, 5.49%, Maturing September 30, 2014 stems Products Holdings, Inc. Term Loan - Second Lien, 13.50%, Maturing December 12, 2010 ucture, Ltd. Term Loan - Second Lien, 4.49%, Maturing October 13, 2013		1,362,013 512,890 932,625 5,368,498
	Blue Waste EUR Cory Environment Environment Kemble Waste	B.V. (A 1,000 onment 500 atal Sys 1,042 ter Str	AVR Acquisition) Term Loan, 2.68%, Maturing April 1, 2015 tal Holdings Term Loan - Second Lien, 5.49%, Maturing September 30, 2014 stems Products Holdings, Inc. Term Loan - Second Lien, 13.50%, Maturing December 12, 2010 ucture, Ltd. Term Loan - Second Lien, 4.49%,		1,362,013 512,890 932,625

Term Loan, 7.00%, Maturing June 3, 2013

\$ 10,252,512

Electronics / Electrical 4.7%

A 4 C - 64 1	f		
Aspect Software, 1			
889	Term Loan, 3.31%, Maturing July 11,	Φ.	015.005
1 000	2011	\$	815,297
1,800	Term Loan - Second Lien, 7.38%,		
	Maturing July 11, 2013		1,521,000
FCI International			
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 Semicon	ductor, Inc.		
2,985	Term Loan, 2.00%, Maturing		
	December 1, 2013		2,433,237
Infor Enterprise S			, ,
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			,
621	Term Loan, 2.78%, Maturing March 7,		
	2014		559,226
Open Solutions, Ir			,
2,048	Term Loan, 2.41%, Maturing January 23,		
2,010	2014		1,662,187
Sensata Technolog			1,002,107
2,729	Term Loan, 2.03%, Maturing April 27,		
2,727	2013		2,349,151
Spectrum Brands,			2,0 .7,101
255	Term Loan, 8.00%, Maturing March 30,		
233	2013		250,453
	201 <i>3</i>		250,455

4,002 Term Loan, 8.00%, Maturing March 30, 2013

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

3,924,371

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	Va	lue
Equipment Leasing	0.2%		
Hertz Corp. 1,075	Term Loan, 2.00%, Maturing December 21, 2012 Term Loan, 2.04%, Maturing December 21, 2012	\$	1,006,156 13,853
		\$	1,020,009
Farming / Agricultu BF Bolthouse Hold 1,150 Central Garden & 1,853	Co, LLC Term Loan - Second Lien, 5.74%, Maturing December 16, 2013	\$ \$	1,089,625 1,763,098 2,852,723
Financial Intermedia	aries 2.2%		
Citco III, Ltd.	T 1 2059 15 1 2 22		
2,612	Term Loan, 2.85%, Maturing June 30, 2014	\$	2,285,417
Grosvenor Capital 1,414	Management Term Loan, 2.25%, Maturing		
2,.2.	December 5, 2013		1,286,978

Jupiter Asset M	anagement Group	
GBP 40	<u>.</u>	627,910
LPL Holdings,		,
3,99		3,770,816
Nuveen Investn	•	2,7,0,010
1,33		
7	November 2, 2014	1,151,655
Oxford Acquisi		1,101,000
89		747,196
R IO Holdings (Corp. (RJ O Brien)	747,170
45		
43	2014	302,945
	2014	302,943
		\$ 10,172,917
Food Products	4.4%	
A 4 T		
Acosta, Inc.	1 Torm Loop 2 50% Moturing July 28	
Acosta, Inc. 3,00		\$ 2 860 303
3,00	2013	\$ 2,860,393
3,00 Advantage Sale	2013 s & Marketing, Inc.	\$ 2,860,393
3,00	2013 & Marketing, Inc. 7 Term Loan, 2.29%, Maturing March 29,	\$
3,00 Advantage Sale 1,68	2013 s & Marketing, Inc.	\$ 2,860,393 1,606,423
3,00 Advantage Sale 1,68 Dean Foods Co.	2013 s & Marketing, Inc. 7 Term Loan, 2.29%, Maturing March 29, 2013	\$
3,00 Advantage Sale 1,68	2013 8 & Marketing, Inc. 7 Term Loan, 2.29%, Maturing March 29, 2013 1 Term Loan, 1.66%, Maturing April 2,	\$ 1,606,423
3,00 Advantage Sale 1,68 Dean Foods Co. 3,38	2013 8 & Marketing, Inc. 7 Term Loan, 2.29%, Maturing March 29, 2013 1 Term Loan, 1.66%, Maturing April 2, 2014	\$
3,00 Advantage Sale 1,68 Dean Foods Co. 3,38 Dole Food Com	2013 S & Marketing, Inc. Term Loan, 2.29%, Maturing March 29, 2013 Term Loan, 1.66%, Maturing April 2, 2014 pany, Inc.	\$ 1,606,423
3,00 Advantage Sale 1,68 Dean Foods Co. 3,38	2013 S & Marketing, Inc. Term Loan, 2.29%, Maturing March 29, 2013 Term Loan, 1.66%, Maturing April 2, 2014 pany, Inc. Term Loan, 7.15%, Maturing April 12,	\$ 1,606,423 3,167,242
3,00 Advantage Sale 1,68 Dean Foods Co. 3,38 Dole Food Com.	2013 S & Marketing, Inc. Term Loan, 2.29%, Maturing March 29, 2013 Term Loan, 1.66%, Maturing April 2, 2014 pany, Inc. Term Loan, 7.15%, Maturing April 12, 2013	\$ 1,606,423
3,00 Advantage Sale 1,68 Dean Foods Co. 3,38 Dole Food Com	2013 S & Marketing, Inc. Term Loan, 2.29%, Maturing March 29, 2013 Term Loan, 1.66%, Maturing April 2, 2014 pany, Inc. Term Loan, 7.15%, Maturing April 12, 2013 Term Loan, 8.00%, Maturing April 12,	\$ 1,606,423 3,167,242 109,003
3,00 Advantage Sale 1,68 Dean Foods Co. 3,38 Dole Food Com 10	2013 S & Marketing, Inc. 7 Term Loan, 2.29%, Maturing March 29, 2013 1 Term Loan, 1.66%, Maturing April 2, 2014 pany, Inc. 8 Term Loan, 7.15%, Maturing April 12, 2013 8 Term Loan, 8.00%, Maturing April 12, 2013	\$ 1,606,423 3,167,242
3,00 Advantage Sale 1,68 Dean Foods Co. 3,38 Dole Food Com.	2013 8 & Marketing, Inc. 7 Term Loan, 2.29%, Maturing March 29, 2013 1 Term Loan, 1.66%, Maturing April 2, 2014 pany, Inc. 8 Term Loan, 7.15%, Maturing April 12, 2013 8 Term Loan, 8.00%, Maturing April 12, 2013 5 Term Loan, 8.00%, Maturing April 12, 2013	\$ 1,606,423 3,167,242 109,003 190,055
3,00 Advantage Sale 1,68 Dean Foods Co 3,38 Dole Food Com 10 18	2013 8 & Marketing, Inc. 7 Term Loan, 2.29%, Maturing March 29, 2013 1 Term Loan, 1.66%, Maturing April 2, 2014 pany, Inc. 8 Term Loan, 7.15%, Maturing April 12, 2013 8 Term Loan, 8.00%, Maturing April 12, 2013 5 Term Loan, 8.00%, Maturing April 12, 2013	\$ 1,606,423 3,167,242 109,003
3,00 Advantage Sale 1,68 Dean Foods Co. 3,38 Dole Food Com 10 18 67 Pinnacle Foods	2013 S & Marketing, Inc. Term Loan, 2.29%, Maturing March 29, 2013 Term Loan, 1.66%, Maturing April 2, 2014 pany, Inc. Term Loan, 7.15%, Maturing April 12, 2013 Term Loan, 8.00%, Maturing April 12, 2013 Term Loan, 8.00%, Maturing April 12, 2013 Finance, LLC	\$ 1,606,423 3,167,242 109,003 190,055
3,00 Advantage Sale 1,68 Dean Foods Co 3,38 Dole Food Com 10 18	2013 S. & Marketing, Inc. 7 Term Loan, 2.29%, Maturing March 29, 2013 1 Term Loan, 1.66%, Maturing April 2, 2014 pany, Inc. 8 Term Loan, 7.15%, Maturing April 12, 2013 8 Term Loan, 8.00%, Maturing April 12, 2013 5 Term Loan, 8.00%, Maturing April 12, 2013 Finance, LLC 5 Term Loan, 3.00%, Maturing April 2,	\$ 1,606,423 3,167,242 109,003 190,055 682,618
3,00 Advantage Sale 1,68 Dean Foods Co. 3,38 Dole Food Com 10 18 67 Pinnacle Foods 6,69	2013 8 & Marketing, Inc. 7 Term Loan, 2.29%, Maturing March 29, 2013 1 Term Loan, 1.66%, Maturing April 2, 2014 pany, Inc. 8 Term Loan, 7.15%, Maturing April 12, 2013 8 Term Loan, 8.00%, Maturing April 12, 2013 5 Term Loan, 8.00%, Maturing April 12, 2013 Finance, LLC 5 Term Loan, 3.00%, Maturing April 2, 2014	\$ 1,606,423 3,167,242 109,003 190,055
3,00 Advantage Sale 1,68 Dean Foods Com 3,38 Dole Food Com 10 18 67 Pinnacle Foods 6,69 Provimi Group	2013 8 & Marketing, Inc. 7 Term Loan, 2.29%, Maturing March 29, 2013 1 Term Loan, 1.66%, Maturing April 2, 2014 pany, Inc. 8 Term Loan, 7.15%, Maturing April 12, 2013 8 Term Loan, 8.00%, Maturing April 12, 2013 5 Term Loan, 8.00%, Maturing April 12, 2013 Finance, LLC 5 Term Loan, 3.00%, Maturing April 2, 2014 SA	\$ 1,606,423 3,167,242 109,003 190,055 682,618
3,00 Advantage Sale 1,68 Dean Foods Co. 3,38 Dole Food Com 10 18 67 Pinnacle Foods 6,69	2013 8 & Marketing, Inc. 7 Term Loan, 2.29%, Maturing March 29, 2013 1 Term Loan, 1.66%, Maturing April 2, 2014 pany, Inc. 8 Term Loan, 7.15%, Maturing April 12, 2013 8 Term Loan, 8.00%, Maturing April 12, 2013 5 Term Loan, 8.00%, Maturing April 12, 2013 Finance, LLC 5 Term Loan, 3.00%, Maturing April 2, 2014 SA 5 Term Loan, 2.49%, Maturing June 28,	\$ 1,606,423 3,167,242 109,003 190,055 682,618 6,284,916
3,00 Advantage Sale 1,68 Dean Foods Co. 3,38 Dole Food Com 10 18 67 Pinnacle Foods 6,69 Provimi Group 20	2013 8 & Marketing, Inc. 7 Term Loan, 2.29%, Maturing March 29, 2013 1 Term Loan, 1.66%, Maturing April 2, 2014 pany, Inc. 8 Term Loan, 7.15%, Maturing April 12, 2013 8 Term Loan, 8.00%, Maturing April 12, 2013 5 Term Loan, 8.00%, Maturing April 12, 2013 Finance, LLC 5 Term Loan, 3.00%, Maturing April 2, 2014 SA 5 Term Loan, 2.49%, Maturing June 28, 2015	\$ 1,606,423 3,167,242 109,003 190,055 682,618
3,00 Advantage Sale 1,68 Dean Foods Com 3,38 Dole Food Com 10 18 67 Pinnacle Foods 6,69 Provimi Group	2013 8 & Marketing, Inc. 7 Term Loan, 2.29%, Maturing March 29, 2013 1 Term Loan, 1.66%, Maturing April 2, 2014 pany, Inc. 8 Term Loan, 7.15%, Maturing April 12, 2013 8 Term Loan, 8.00%, Maturing April 12, 2013 5 Term Loan, 8.00%, Maturing April 12, 2013 Finance, LLC 5 Term Loan, 3.00%, Maturing April 2, 2014 SA 5 Term Loan, 2.49%, Maturing June 28, 2015	\$ 1,606,423 3,167,242 109,003 190,055 682,618 6,284,916

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360,931

596,940

Term Loan, 2.68%, Maturing June 28,

EUR

EUR

265

439

2015

		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 Enterprise	es, Inc.			
33	9 Term Loan, 7.00%, Maturing May 11,			
	2011	\$	341,898	
Aramark Corp.				
47				
	2014		434,646	
7,20	, , , , , , , , , , , , , , , , , , ,			
	2014		6,624,296	
GBP 97:	3 Term Loan, 2.67%, Maturing January 27,			
	2014		1,460,445	
Buffets, Inc.				
78.	£ 1			
	2012		801,335	
10	, , ,			
	November 1, 2013 ⁽³⁾		95,213	
54:	2 Term Loan - Second Lien, 17.78%,			
	Maturing November 1, 2013 ⁽³⁾		476,606	
CBRL Group, I	nc.			
1,65	0 Term Loan, 1.97%, Maturing April 27,			
	2013		1,591,800	
NPC Internation	nal, Inc.			
35	0 Term Loan, 2.03%, Maturing May 3,			
	2013		333,143	
OSI Restaurant Partners, LLC				
26	4 Term Loan, 3.03%, Maturing May 9,			
	2013		220,547	
3,05	9		2,555,744	

Term Loan, 2.56%, Maturing May 9, 2014

QCE Finance, LLC

1,213 Term Loan, 2.56%, Maturing May 5, 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

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	V	alue	
Food / Drug Retaile	ers 4.6%			
General Nutrition	· · · · · · · · · · · · · · · · · · ·			
6,336	Term Loan, 2.52%, Maturing September 16, 2013	\$	5,880,415	
Iceland Foods Gro	-	Ψ	3,000,113	
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.	T			
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 Superm				
3,331	Term Loan, 6.03%, Maturing November 3, 2011		3,286,545	
		\$	21,376,385	
Forest Products 2.8%				
1 51050 1 100000 2	,.			
Appleton Papers, 1	Term Loan, 6.63%, Maturing June 5,	Ф	1 (52 542	
Caorgia Dasifia Ca	2014	\$	1,653,543	
Georgia-Pacific Co 7,958	<i>η</i> μ.		7,682,015	

	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 Technolog	ies, Inc.	
1,205	Term Loan, 5.78%, Maturing May 18,	
	2012	988,466

\$ 12,926,638

Health Care 17.0%

ricaitii Ca	iic 17.0	/0	
Accellent	, Inc.		
	2,264	Term Loan, 2.87%, Maturing	
		November 22, 2012	\$ 2,152,453
Alliance 1	Imaging,	•	, ,
	480	Term Loan, 2.86%, Maturing	
		December 29, 2011	465,203
Americai	n Medical	·	, , , , , ,
1	632	Term Loan, 2.50%, Maturing July 20,	
	032	2012	614,390
AMN He	althcare,		011,370
	173	Term Loan, 2.03%, Maturing	
	173	November 2, 2011	161,404
AMR Ho	ldCo, Inc	•	101,404
AMINIO	1,090	Term Loan, 2.25%, Maturing	
	1,090	February 10, 2012	1,049,527
Biomet, I	no	reducity 10, 2012	1,049,327
Diomet, 1		Torm I can 2 29% Maturing	
	3,773	Term Loan, 3.28%, Maturing	2 622 710
ELID	1 201	December 26, 2014	3,632,710
EUR	1,201	Term Loan, 3.58%, Maturing	1 (00 005
D • 1 4 TT		December 26, 2014	1,690,895
Bright H		amily Solutions, Inc.	
	938	Term Loan, 6.25%, Maturing May 15,	000 =11
~		2015	938,711
Cardinal	Health 40	· ·	
	4,194	Term Loan, 2.49%, Maturing April 10,	
		2014	3,656,807
Carestre	am Healtl		
	2,653	Term Loan, 2.24%, Maturing April 30,	
		2013	2,487,626
	1,000	Term Loan - Second Lien, 5.49%,	
		Maturing October 30, 2013	853,125
Carl Zeis	s Vision I	Holding GmbH	
	1,300		916,500

Term Loan, 2.74%, Maturing March 23, 2015 Community Health Systems, Inc. 524 Term Loan, 2.49%, Maturing July 25, 489,123 10,265 Term Loan, 2.61%, Maturing July 25, 2014 9,585,431 Concentra, Inc. Term Loan - Second Lien, 6.54%, Maturing June 25, 2015⁽³⁾ 517,184 ConMed Corp. 461 Term Loan, 1.74%, Maturing April 13, 429,092 **Convatec Cidron Healthcare EUR** 746 Term Loan, 4.69%, Maturing July 30, 1,072,642 CRC Health Corp. 483 Term Loan, 2.53%, Maturing February 6, 2013 431,905 Term Loan, 2.53%, Maturing 485 February 6, 2013 434,075 Dako EQT Project Delphi Term Loan - Second Lien, 4.04%, 500 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** Term Loan, 1.66%, Maturing March 31, 492 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. Term Loan, 2.03%, Maturing 6,134 February 28, 2014 5,705,751 HealthSouth Corp. 1,255 Term Loan, 2.55%, Maturing March 10, 1,198,450 Term Loan, 4.05%, Maturing March 15, 1,033 2014 1,012,197

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Iasis Healthcare, LLC

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. Term Loan, 2.51%, Maturing March 28, 1,484 2013 1,392,860

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)	Danuayan/Tuanaha Daganintian	Value
(000 8 omitted)	Borrower/Tranche Description	Value
Health Care (contin	ued)	
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 Hospital	<i>,</i>	
2,022	Term Loan, 2.02%, Maturing April 15,	
	2012	1,964,154
MultiPlan Merger	-	
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 H	0 .	
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 Ins	•	
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 Ass		004,007
746	Term Loan, 7.50%, Maturing June 27,	
7-10	2013	542,005
	2010	5-12,005

D - JN -4 M	4 T		
RadNet Managem 2,031	•		
2,031	Term Loan, 4.54%, Maturing November 15, 2012		1,959,951
ReAble Thereneut			1,939,931
ReAble Therapeutics Finance, LLC 2,507 Term Loan, 2.29%, Maturing			
2,307	November 16, 2013		2,394,455
Renal Advantage,			2,371,188
1	Term Loan, 2.79%, Maturing October 5,		
	2012		788
Select Medical Hol	ldings Corp.		
2,435	Term Loan, 4.16%, Maturing August 5,		
	2014		2,441,072
Sunrise Medical H	oldings, Inc.		
416	Term Loan, 8.25%, Maturing May 13,		
	2010		301,293
TZ Merger Sub., I	nc. (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, In			
505	Term Loan, 2.54%, Maturing June 25,		
	2014		492,790
		\$	78 180 542
		\$	78,189,542
		\$	78,189,542
		\$	78,189,542
		\$	78,189,542
Home Furnishings	1.6%	\$	78,189,542
Home Furnishings	1.6%	\$	78,189,542
Home Furnishings Hunter Fan Co.	1.6%	\$	78,189,542
	1.6% Term Loan, 2.75%, Maturing April 16,	\$	78,189,542
Hunter Fan Co.		\$	78,189,542 308,341
Hunter Fan Co.	Term Loan, 2.75%, Maturing April 16, 2014	•	
Hunter Fan Co. 428	Term Loan, 2.75%, Maturing April 16, 2014	•	
Hunter Fan Co. 428 Interline Brands, l	Term Loan, 2.75%, Maturing April 16, 2014 (nc.	•	
Hunter Fan Co. 428 Interline Brands, l	Term Loan, 2.75%, Maturing April 16, 2014 Inc. Term Loan, 1.99%, Maturing June 23, 2013 Term Loan, 2.04%, Maturing June 23,	•	308,341
Hunter Fan Co. 428 Interline Brands, 1 293 936	Term Loan, 2.75%, Maturing April 16, 2014 Inc. Term Loan, 1.99%, Maturing June 23, 2013 Term Loan, 2.04%, Maturing June 23, 2013	•	308,341
Hunter Fan Co. 428 Interline Brands, 1 293 936 National Bedding	Term Loan, 2.75%, Maturing April 16, 2014 Inc. Term Loan, 1.99%, Maturing June 23, 2013 Term Loan, 2.04%, Maturing June 23, 2013 Co., LLC	•	308,341 270,533
Hunter Fan Co. 428 Interline Brands, 1 293 936	Term Loan, 2.75%, Maturing April 16, 2014 Inc. Term Loan, 1.99%, Maturing June 23, 2013 Term Loan, 2.04%, Maturing June 23, 2013 Co., LLC Term Loan, 2.28%, Maturing August 31,	•	308,341 270,533 863,037
Hunter Fan Co. 428 Interline Brands, 1 293 936 National Bedding 1,469	Term Loan, 2.75%, Maturing April 16, 2014 Inc. Term Loan, 1.99%, Maturing June 23, 2013 Term Loan, 2.04%, Maturing June 23, 2013 Co., LLC Term Loan, 2.28%, Maturing August 31, 2011	•	308,341 270,533
Hunter Fan Co. 428 Interline Brands, 1 293 936 National Bedding	Term Loan, 2.75%, Maturing April 16, 2014 Inc. Term Loan, 1.99%, Maturing June 23, 2013 Term Loan, 2.04%, Maturing June 23, 2013 Co., LLC Term Loan, 2.28%, Maturing August 31, 2011 Term Loan - Second Lien, 5.31%,	•	308,341 270,533 863,037 1,340,073
Hunter Fan Co. 428 Interline Brands, 1 293 936 National Bedding 1,469 2,050	Term Loan, 2.75%, Maturing April 16, 2014 Inc. Term Loan, 1.99%, Maturing June 23, 2013 Term Loan, 2.04%, Maturing June 23, 2013 Co., LLC Term Loan, 2.28%, Maturing August 31, 2011	•	308,341 270,533 863,037
Hunter Fan Co. 428 Interline Brands, 1 293 936 National Bedding 1,469 2,050 Simmons Co.	Term Loan, 2.75%, Maturing April 16, 2014 Inc. Term Loan, 1.99%, Maturing June 23, 2013 Term Loan, 2.04%, Maturing June 23, 2013 Co., LLC Term Loan, 2.28%, Maturing August 31, 2011 Term Loan - Second Lien, 5.31%, Maturing August 31, 2012	•	308,341 270,533 863,037 1,340,073
Hunter Fan Co. 428 Interline Brands, 1 293 936 National Bedding 1,469 2,050	Term Loan, 2.75%, Maturing April 16, 2014 Inc. Term Loan, 1.99%, Maturing June 23, 2013 Term Loan, 2.04%, Maturing June 23, 2013 Co., LLC Term Loan, 2.28%, Maturing August 31, 2011 Term Loan - Second Lien, 5.31%, Maturing August 31, 2012 Term Loan, 10.50%, Maturing	•	308,341 270,533 863,037 1,340,073 1,660,500
Hunter Fan Co. 428 Interline Brands, 1 293 936 National Bedding 1,469 2,050 Simmons Co. 2,799	Term Loan, 2.75%, Maturing April 16, 2014 Inc. Term Loan, 1.99%, Maturing June 23, 2013 Term Loan, 2.04%, Maturing June 23, 2013 Co., LLC Term Loan, 2.28%, Maturing August 31, 2011 Term Loan - Second Lien, 5.31%, Maturing August 31, 2012 Term Loan, 10.50%, Maturing December 19, 2011	•	308,341 270,533 863,037 1,340,073
Hunter Fan Co. 428 Interline Brands, 1 293 936 National Bedding 1,469 2,050 Simmons Co.	Term Loan, 2.75%, Maturing April 16, 2014 Inc. Term Loan, 1.99%, Maturing June 23, 2013 Term Loan, 2.04%, Maturing June 23, 2013 Co., LLC Term Loan, 2.28%, Maturing August 31, 2011 Term Loan - Second Lien, 5.31%, Maturing August 31, 2012 Term Loan, 10.50%, Maturing	•	308,341 270,533 863,037 1,340,073 1,660,500

\$ 7,251,828

Industrial Equipment 4.1%

Brand Energy and	Infrastructure Services, Inc.		
731	Term Loan, 2.31%, Maturing February 7,		
731	2014	\$	661,781
784	Term Loan, 3.66%, Maturing February 7,	Ψ	001,701
	2014		725,984
CEVA Group PLC			/
3,465			
,	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 (Goo	odyear 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 Acquisitio	on 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,		•00.600
	2010		208,690
John Maneely Co.	T		
2,665	Term Loan, 3.51%, Maturing		2 440 042
MON C C I	December 8, 2013		2,448,042
KION Group Gmb			
250	Term Loan, 2.49%, Maturing		170 100
250	December 23, 2014		172,188
250	Term Loan, 2.74%, Maturing		172 100
Dolymona I	December 23, 2015		172,188
Polypore, Inc.			2 702 204
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%	ó	
AmWINS Grou	n. 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 System		•
2,136	Term Loan, 2.74%, Maturing	
	September 26, 2013	2,030,710
CCC Information	on 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 & Co	mpany	
1,208	Term Loan, 3.04%, Maturing October 31,	
	2013	1,158,170
Crump Group,		
805	Term Loan, 3.25%, Maturing August 4,	
	2014	728,846
	nal Holdings, Inc.	
497	Term Loan, 2.74%, Maturing June 13, 2014	438,372
2,212		1,950,755
575	Term Loan, Maturing June 30, 2014 ⁽⁴⁾	563,500
U.S.I. Holdings	-	
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.

985	Term Loan, 4.00%, Maturing December 21,	
	2014	896,455
800	Term Loan - Second Lien, 7.25%, Maturing	
	June 21, 2015	460,000
Six Flags Theme	Parks, Inc.	
1,105	Term Loan, 2.50%, Maturing April 30,	
	2015	1,083,730
Southwest Sport	s Group, LLC	
1,875	Term Loan, 6.75%, Maturing December 22,	
	2010	1,575,000
Universal City D	Development Partners, Ltd.	
1,721	Term Loan, 6.00%, Maturing June 9, 2011	1,717,042
2,625	Term Loan, Maturing November 6, 2014 ⁽⁴⁾	2,585,625
Zuffa, LLC		
2,340	Term Loan, 2.31%, Maturing June 20, 2016	2,111,501

\$ 41,093,253

Lodging and Casinos 2.6%

Ameristar Casinos, Inc.

1,059 Term Loan, 3.53%, Maturing November 10, 2012 1,052,574 Harrah s Operating Co. 1,223 Term Loan, 3.28%, Maturing January 28, 2015 975,627 3,000 Term Loan, 9.50%, Maturing October 31, 2016 2,939,166 **LodgeNet Entertainment Corp.** Term Loan, 2.29%, Maturing April 4, 2014 1,954 1,794,189 New World Gaming Partners, Ltd. 203 Term Loan, 2.79%, Maturing June 30, 2014 168,357 1,003 Term Loan, 2.79%, Maturing June 30, 2014 831,210

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	Va	alue
Lodging and Casino	os (continued)		
Penn National Gar	ming, Inc.		
354	Term Loan, 2.01%, Maturing October 3, 2012	\$	342,820
Venetian Casino F	Resort/Las Vegas Sands, Inc.		
854	Term Loan, 2.04%, Maturing May 14, 2014		697,231
3,382	Term Loan, 2.04%, Maturing May 23, 2014		2,760,680
Wimar OpCo, LL	C		
1,883	Term Loan, 0.00%, Maturing January 3, 2012 ⁽²⁾		601,873
		\$	12,163,727
Nonferrous Metals Euramax Internat			
307	Term Loan, 10.00%, Maturing June 29,		
301	2013 Term Loan, 14.00%, Maturing June 29,	\$	185,515
201	2013 ⁽³⁾		182,103
Noranda Aluminu			102,100
2,092	Term Loan, 2.24%, Maturing May 18,		
=,0>=	2014		1,699,636
Novelis, Inc.			,
619	Term Loan, 2.25%, Maturing June 28, 2014		558,607
1,361	Term Loan, 2.27%, Maturing June 28, 2014		1,228,971
Oxbow Carbon and Mineral Holdings			2040265

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2,948,265

3,099

Term Loan, 2.27%, Maturing May 8, 2014

296 Term Loan, 2.28%, Maturing May 8, 2014

281,226

\$ 7,084,323

Oil and Gas 3.0%

Atlas Pipeline Par	tners, L.P.	
920	Term Loan, 6.75%, Maturing July 20,	
	2014	\$ 904,566
Big West Oil, LLC		
315	Term Loan, 4.50%, Maturing May 1,	
	2014	305,530
396	Term Loan, 4.50%, Maturing May 1,	
	2014	384,095
Dresser, Inc.		
1,432	Term Loan, 2.68%, Maturing May 4,	
	2014	1,342,424
1,000	Term Loan - Second Lien, 6.00%,	040.000
B # 111	Maturing May 4, 2015	910,000
Dynegy Holdings,		
336	Term Loan, 4.00%, Maturing April 2,	222 426
F 161	2013	323,426
5,161	Term Loan, 4.00%, Maturing April 2,	4.070.650
E 4 CDH	2013	4,970,659
Enterprise GP Ho		
1,114	Term Loan, 2.52%, Maturing	1 077 550
II 1 000 1	October 31, 2014	1,077,553
Hercules Offshore		
1,614	Term Loan, 8.50%, Maturing July 6,	1.550.660
Nº 1 C C	2013	1,558,668
Niska Gas Storage		
41	Term Loan, 2.00%, Maturing May 13,	20.506
<i>C</i> 1	2011	39,596
61	Term Loan, 2.00%, Maturing May 13, 2011	E0 151
502		58,454
593	Term Loan, 2.00%, Maturing May 12, 2013	569 621
Precision Drilling		568,631
1,000	Term Loan, 4.58%, Maturing	
1,000	December 23, 2013	985,000
Targa Resources,		703,000
119	Term Loan, 2.24%, Maturing	
119	October 31, 2012	116,924
228	300000 31, 2012	224,076
220		221,070

Term Loan, 2.28%, Maturing October 31, 2012

\$ 13,769,602

Publishing 9.4%

American Media (Inerations Inc		
4,190	Term Loan, 10.00%, Maturing		
4,170	January 31, 2013 ⁽³⁾	\$	3,804,835
Aster Zweite Betei	· · · · · · · · · · · · · · · · · · ·	Ψ	3,804,833
	Term Loan, 2.89%, Maturing		
1,775			1 540 700
Catallanas Madia	September 27, 2013		1,540,700
GateHouse Media			
872	, , , , , , , , , , , , , , , , , , , ,		220.252
2.070	2014		339,252
2,078	Term Loan, 2.25%, Maturing August 28,		000 701
<i>(7.7.</i>	2014		808,791
675	Term Loan, 2.50%, Maturing August 28,		262.600
~	2014		262,688
Getty Images, Inc.			
3,968	Term Loan, 6.25%, Maturing July 2,		
	2015		3,996,215
Idearc, Inc.			
7,082	Term Loan, 0.00%, Maturing		
	November 17, 2014 ⁽²⁾		3,238,745
Lamar Media Cor	=		
986	Term Loan, 5.50%, Maturing		
	September 30, 2012		981,974
Laureate Education	on, Inc.		
348	Term Loan, 3.53%, Maturing August 17,		
	2014		317,290
2,326	Term Loan, 3.53%, Maturing August 17,		
	2014		2,119,990
1,500	Term Loan, 7.00%, Maturing August 31,		
	2014		1,500,000
Local Insight Rega	atta Holdings, Inc.		
1,635	Term Loan, 7.75%, Maturing April 23,		
•	2015		1,283,460
MediaNews Group	o, Inc.		,
703	Term Loan, 6.74%, Maturing August 2,		
	2013		217,491
Merrill Communic			,,,,
1,225	Term Loan, 8.50%, Maturing		
1,220	December 24, 2012		972,589
1,001	Term Loan - Second Lien, 14.75%,		, , 2, 50)
1,001	Maturing November 15, 2013 ⁽³⁾		578,078
	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		270,070

Nelson Education, Ltd.

490 Term Loan, 2.78%, Maturing July 5,

2014 431,200

Nielsen Finance, LLC

5,950 Term Loan, 2.24%, Maturing August 9,

2013 5,553,130

997 Term Loan, 3.99%, Maturing May 1,

2016 938,535

PagesJaunes Group, SA

EUR 500 Term Loan, 5.03%, Maturing April 10,

2016 463,570

Philadelphia Newspapers, LLC

708 Term Loan, 0.00%, Maturing June 29,

2013⁽²⁾ 162,858

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

Publishing (continued)

Reader s	_	Association, Inc. (The)	
	1,134	DIP Loan, 13.50%, Maturing August 21,	
		2010	\$ 1,180,927
	1,246	Revolving Loan, 4.54%, Maturing	
		March 3, 2014	612,182
	5,016	Term Loan, 4.25%, Maturing March 3,	
		2014	2,465,345
	448	Term Loan, 7.00%, Maturing March 3,	
		2014	220,108
SGS Intern	national	, Inc.	
	598	Term Loan, 2.79%, Maturing	
		December 30, 2011	572,766
Source Int	erlink (Companies, Inc.	
	916	Term Loan, 10.75%, Maturing June 18,	
		2013	755,668
	478	Term Loan, 15.00%, Maturing June 18,	
		2013(3)	167,240
Trader Mo	edia Cor	·р.	
GBP	1,315	Term Loan, 2.64%, Maturing March 23,	
		2015	1,848,224
Tribune C	0.		
	1,547	Term Loan, 0.00%, Maturing April 10,	
		$2010^{(2)}$	720,551
	1,935	Term Loan, 0.00%, Maturing May 17,	
		$2014^{(2)}$	916,890
	2,990	Term Loan, 0.00%, Maturing May 17,	
		$2014^{(2)}$	1,350,817
Xsys, Inc.			
	1,801	Term Loan, 2.89%, Maturing	
		September 27, 2013	1,562,949
	1,828	Term Loan, 2.89%, Maturing	
	,	September 27, 2014	1,586,991
		•	

\$ 43,472,049

Radio and Television 5.2%

Block Communica	ations, Inc.	
818	Term Loan, 2.28%, Maturing	
	December 22, 2011	\$ 756,766
Citadel Broadcast	ing Corp.	
1,000	Term Loan, 2.04%, Maturing June 12,	
	2014	688,750
CMP KC, LLC		
956	Term Loan, 6.25%, Maturing May 5, 2013 ⁽⁷⁾	274,426
CMP Susquehann	a Corp.	ŕ
1,570	Term Loan, 2.25%, Maturing May 5,	
,	2013	1,164,471
Discovery Commu		_,,
995	Term Loan, 5.25%, Maturing May 14,	
775	2014	1,011,169
Emmis Operating		1,011,102
760	Term Loan, 4.28%, Maturing	
700		584,706
Cuar Talarisian I	November 2, 2013	384,700
Gray Television, I		
1,083	Term Loan, 3.79%, Maturing January 19, 2015	933,630
HIT Entertainmer	nt, Inc.	
750	Term Loan, 2.73%, Maturing March 20,	
	2012	657,481
Intelsat Corp.		
2,441	Term Loan, 2.75%, Maturing January 3,	
	2014	2,311,898
2,440	Term Loan, 2.75%, Maturing January 3,	
	2014	2,311,192
2,440	Term Loan, 2.75%, Maturing January 3,	
,	2014	2,311,192
Ion Media Networ		_, ,
332	DIP Loan, 10.17%, Maturing May 29,	
332	2010 ⁽⁵⁾⁽⁷⁾	522,323
2,500	Term Loan, 0.00%, Maturing January 15,	322,323
2,300	2012 ⁽²⁾	633,332
NEP II, Inc.	2012	033,332
609	Town Loop 2520/ Motuming	
009	Term Loan, 2.53%, Maturing	5(2,662
Marratan December	February 16, 2014	563,663
Nexstar Broadcast	0.	
1,758	Term Loan, 5.00%, Maturing October 1,	1 570 100
	2012	1,578,100
1,663	Term Loan, 5.01%, Maturing October 1,	1 402 205
Davison TV Drace	2012	1,492,205
Raycom TV Broad	icasting, LLC	

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875	Term Loan, 1.75%, Maturing June 25,			
075	2014		726,250	
SFX Entertainmen			720,200	
1,016	Term Loan, 3.51%, Maturing June 21,			
-,	2013		939,789	
Sirius Satellite Ra			, , , , , , , , , , , , , , , , , , , ,	
490	Term Loan, 2.56%, Maturing			
	December 19, 2012		453,658	
Univision Commu	· · · · · · · · · · · · · · · · · · ·		,	
4,200	Term Loan, 2.53%, Maturing			
,	September 29, 2014		3,395,998	
Young Broadcasti	•		- , ,	
709	Term Loan, 0.00%, Maturing			
	November 3, 2012 ⁽²⁾		462,802	
	- · · · · · · · · · · · · · · · · · · ·		,	
		\$	23,773,801	
Rail Industries 0.	4%			
Kansas City South				
1,959	Term Loan, 2.05%, Maturing April 26,	φ.	1 0 6 1 2 2 0	
	2013	\$	1,861,228	
		Φ	1 071 220	
		\$	1,861,228	
Datailans (Essant E	land and Down 2.60			
Retailers (Except F	ood and Drug) 3.6%			
Amorican Achieve	amont Com			
American Achieve	=			
207	Term Loan, 6.26%, Maturing March 25,	Φ	105.065	
Amagan Haldin	2011 Inc	\$	185,965	
Amscan Holdings,				
487	Term Loan, 2.65%, Maturing May 25,		442.012	
Complement 15	2013		442,812	
Cumberland Farn	•			
1,522	Term Loan, 2.26%, Maturing		1 202 540	
Til 4 T	September 29, 2013		1,392,548	
Educate, Inc.	m I 0 11: 77:~			
500	Term Loan - Second Lien, 5.54%,		106.270	
	Maturing June 14, 2014		426,250	
FTD, Inc.	m v (55%)/ · · · · · · · · · ·			
1,330	Term Loan, 6.75%, Maturing July 31,		1 222 5 7 7	
TT 1 T 1	2014		1,330,053	
Harbor Freight To	ools USA, Inc.			

400 Term Loan, 9.75%, Maturing July 15,

2010 401,359

Josten s Corp.

1,510 Term Loan, 2.32%, Maturing October 4,

2011 1,497,161

Neiman Marcus Group, Inc.

1,984 Term Loan, 2.29%, Maturing April 5,

2013 1,706,465

Orbitz Worldwide, Inc.

1,156 Term Loan, 3.28%, Maturing July 25,

2014 1,027,028

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
Retailers (Except F	Good and Drug) (continued)	
Oriental Trading	Co., Inc.	
2,530	Term Loan, 9.75%, Maturing July 31, 2013	\$ 2,103,305
1,125	Term Loan - Second Lien, 6.24%, Maturing January 31, 2013	272,812
Rover Acquisition	-	
2,188	Term Loan, 2.52%, Maturing October 26, 2013	2,109,718
Savers, Inc.		
332	Term Loan, 3.00%, Maturing August 11, 2012	320,728
364	Term Loan, 3.00%, Maturing August 11, 2012	350,928
Yankee Candle Co	ompany, Inc. (The)	
2,958	Term Loan, 2.25%, Maturing	2 760 704
	February 6, 2014	2,769,794
		\$ 16,336,926
Steel 0.5%		
Algoma Acquisitio	on Corp.	
1,530	Term Loan, 8.00%, Maturing June 20, 2013	\$ 1,444,893
Niagara Corp.		-,, 575
1,984	Term Loan, 9.25%, Maturing June 29,	000 700

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922,723

2,367,616

2014

Surface Transport	0.5%		
•			
Gainey Corp.			
1,217	Term Loan, 0.00%, Maturing April 20,		
,	2012 ⁽²⁾	\$	258,703
Ochlzoch Twick C		Ψ	230,703
Oshkosh Truck C	-		
1,550	Term Loan, 6.32%, Maturing		
	December 6, 2013		1,550,630
Swift Transportat	ion Co., Inc.		
804	Term Loan, 3.56%, Maturing May 10,		
	2014		694,254
	2011		071,231
		ф	2 502 505
		\$	2,503,587
Telecommunication	ns 4.8%		
Telecommunication	13 4.070		
	cations Systems Holdings, Inc.		
985	Term Loan, 2.03%, Maturing		
	February 1, 2012	\$	944,209
Asurion Corp.			
3,900	Term Loan, 3.24%, Maturing July 13,		
3,700	2012		2 709 701
1.000			3,708,791
1,000	Term Loan - Second Lien, 6.74%,		
	Maturing January 13, 2013		952,188
Centennial Cellula	ar Operating Co., LLC		
4,021	Term Loan, 2.24%, Maturing		
,-	February 9, 2011		4,004,701
CommSoone Inc	1 Columny 9, 2011		4,004,701
CommScope, Inc.	T 1 2700 M :		
1,336	Term Loan, 2.78%, Maturing		
	November 19, 2014		1,295,402
Intelsat Subsidiar	y Holding Co.		
946	Term Loan, 2.75%, Maturing July 3,		
	2013		910,284
Iowa Telecommur			> 10, 2 0 .
1,616	Term Loan, 2.04%, Maturing		1 550 600
	November 23, 2011		1,558,682
Macquarie UK Br	oadcast Ventures, Ltd.		
GBP 755	Term Loan, 2.51%, Maturing		
	January 12, 2014		1,071,708
NTelos, Inc.	, ,		, ,
1,500	Term I can 5 75% Maturing August 12		
1,500	Term Loan, 5.75%, Maturing August 13,		1.510.605
.	2015		1,510,625
Palm, Inc.			
1 757			1 557 924

1,557,834

1,757

Term Loan, 3.79%, Maturing April 24, 2014

Stratos Global Corp.

977 Term Loan, 2.78%, Maturing

February 13, 2012 961,853

Trilogy International Partners

850 Term Loan, 3.78%, Maturing June 29,

2012 714,000

Windstream Corp.

3,020 Term Loan, 3.00%, Maturing

December 17, 2015 2,937,851

\$ 22,128,128

Utilities 4.5%

AEI Finance Holding, LLC

270 Term Loan, 3.24%, Maturing March 30, 2012 \$ 250,194 1,857 Term Loan, 3.28%, Maturing March 30,

2014 1,722,672

Astoria Generating Co.

1,000 Term Loan - Second Lien, 4.04%, Maturing August 23, 2013 930,000

BRSP, LLC

1,000 Term Loan, 7.50%, Maturing June 24, 2014 940,000

Calpine Corp.

5,977 DIP Loan, 3.17%, Maturing March 29, 2014 5,511,160

Electricinvest Holding Co.

GBP 480 Term Loan, 5.02%, Maturing
October 24, 2012 630,240
EUR 477 Term Loan - Second Lien, 4.93%,

Maturing October 24, 2012 561,130

NRG Energy, Inc.

1,948 Term Loan, 2.02%, Maturing June 1, 2014 1,837,285

2,046 Term Loan, 2.03%, Maturing June 1, 2014 1,930,090

Pike Electric, Inc.

146 Term Loan, 1.75%, Maturing July 1, 2012 138,197 340 Term Loan, 1.75%, Maturing

December 10, 2012 321,084

TXU Texas Competitive Electric Holdings Co., LLC

1,000 779,583

Term Loan, Maturing October 10, 2014⁽⁴⁾

1,332 Term Loan, 3.74%, Maturing
October 10, 2014

3,813 Term Loan, 3.74%, Maturing
October 10, 2014

2,963,875

Vulcan Energy Corp.

1,093 Term Loan, 5.50%, Maturing
December 31, 2015

1,104,197

\$ 20,645,137

Total Senior Floating-Rate Interests (identified cost \$768,496,358) \$ 704,552,398

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

Corporate Donus & Hotes 0.7	Corporate	Bonds	& Notes	6.4%
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Principal Amount* (000 s omitted)	Security	Valu	ıe
Aerospace and Defen	ase 0.0%		
Alion Science and T	echnologies Corp. 10.25%, 2/1/15	\$	102,950
Hawker Beechcraft		φ	102,930
125	9.75%, 4/1/17		84,063
		\$	187,013
Air Transport 0.0% Continental Airlines 194		\$	174,195
		\$	174,195
Automotive 0.1% Altra Industrial Mo 335 Commercial Vehicle 100	tion, Inc. 9.00%, 12/1/11 e Group, Inc., Sr. Notes 8.00%, 7/1/13	\$	343,794 57,500

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401,294

Building and Development 0.6%

Grohe Holding GmbH, Variable Rate EUR 2,000 3.617%, 1/15/14 ⁽⁸⁾ Panolam Industries International, Sr. Sub. Notes 425 10.75%, 10/1/13 ⁽²⁾ Texas Industries, Inc., Sr. Notes 115 7.25%, 7/15/13 ⁽⁹⁾	\$ \$	2,442,940 138,125 113,275 2,694,340
	•	_,07
Business Equipment and Services 0.3% Affinion Group, Inc. 95 10.125%, 10/15/13 205 11.50%, 10/15/15 Education Management, LLC, Sr. Notes 390 8.75%, 6/1/14 MediMedia USA, Inc., Sr. Sub. Notes 170 11.375%, 11/15/14 ⁽⁹⁾ Ticketmaster Entertainment, Inc. 185 10.75%, 8/1/16 West Corp. 275 9.50%, 10/15/14	\$	97,850 215,250 403,650 126,650 191,475 276,375
,		,
	\$	1,311,250
Cable and Satellite Television 0.0% Kabel Deutschland GmbH 190 10.625%, 7/1/14	\$	201,163 201,163
Chemicals and Plastics 0.2% CII Carbon, LLC 185 11.125%, 11/15/15 ⁽⁹⁾	\$	183,150
Reichhold Industries, Inc., Sr. Notes		

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445 9.00%, 8/15/14 ⁽⁹⁾ Wellman Holdings, Inc., Sr. Sub. Notes 449 5.00%, 1/29/19 ⁽⁷⁾		362,675	
		165,232	
	\$	711,057	
Clothing / Textiles 0.2%			
Levi Strauss & Co., Sr. Notes			
270 9.75%, 1/15/15	\$	283,500	
75 8.875%, 4/1/16		76,875	
Perry Ellis International, Inc., Sr. Sub. Notes 360 8.875%, 9/15/13		350,100	
300 8.873%, 9/13/13		330,100	
	\$	710,475	
	Φ	710,475	
Conglomerates 0.1%			
RBS Global & Rexnord Corp.			
161 9.50%, 8/1/14 ⁽⁹⁾	\$	160,195	
155 11.75%, 8/1/16		151,125	
	ф	211 220	
	\$	311,320	
Containers and Glass Products 0.6%			
Berry Plastics Corp., Sr. Notes, Variable Rate 2,000 5.034%, 2/15/15	\$	1,850,000	
Intertape Polymer US, Inc., Sr. Sub. Notes	Ψ	1,030,000	
310 8.50%, 8/1/14		243,350	
Pliant Corp.		204 (27	
345 11.625%, 6/15/09 ⁽³⁾⁽⁶⁾		304,627	
Smurfit Stone Container Com Su Notes			
Smurfit-Stone Container Corp., Sr. Notes 45 8.38%, 7/1/12 ⁽²⁾		35,437	

\$ 2,627,164

Ecological Services and Equipment 0.2%

Environmental Systems Product Holdings, Inc., Jr. Notes

373 18.00%, 3/31/15⁽³⁾⁽⁷⁾

298,205

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) Secur	·ity	Va	Value	
Ecological Services and	Equipment (continued)			
Waste Services, Inc., Sr 440 9.50%	Sub. Notes 6, 4/15/14	\$	444,400	
		\$	742,605	
Electronics / Electrical	0.3%			
Advanced Micro Device 220 7.75%	es, Inc., Sr. Notes 6, 11/1/12	\$	196,350	
Amkor Technologies, In				
190 9.25%			199,500	
Avago Technologies Fir 215 11.87			236,500	
Ceridian Corp., Sr. Not	•		230,300	
	%, 11/15/15		188,663	
NXP BV/NXP Funding	, LLC, Variable Rate			
775 3.034	%, 10/15/13		588,031	
		\$	1,409,044	
Equipment Leasing 0.0)%			
Hertz Corp.				
_	%, 1/1/14	\$	10,175	
		\$	10,175	

т.		т , 1'''	0.107
Hinar	C191	Intermediaries	0.1%
i iliai	uciai	micinicularics	V. 1 /0

Financial Intermediaries 0.1%		
Ford Motor Credit Co., Sr. Notes 230 8.00%, 12/15/16	\$	222,477
	\$	222,477
Food Products 0.1%		
ASG Consolidated, LLC/ASG Finance, Inc., Sr. Disc. Notes 520 11.50%, 11/1/11	s \$	510,900
	\$	510,900
Food Service 0.1%		
El Delle I ess. Ive		
El Pollo Loco, Inc. 275 11.75%, 11/15/13	\$	254,375
NPC International, Inc., Sr. Sub. Notes		217 (00
320 9.50%, 5/1/14		317,600
	\$	571,975
Food / Drug Retailers 0.2%		
General Nutrition Center, Sr. Notes, Variable Rate		
665 5.178%, 3/15/14 ⁽³⁾	\$	595,175
General Nutrition Center, Sr. Sub. Notes 385 10.75%, 3/15/15		389,812
303 10.13 /0, 3113/13		307,012

984,987

Forest Products 0.1%

Jefferson Smurf	it Corp., Sr. Notes		
90	8.25%, 10/1/12 ⁽²⁾	\$	69,750
75	7.50%, 6/1/13 ⁽²⁾		58,875
NewPage Corp.	7,6070, 0, 1, 10		23,372
165	10.00%, 5/1/12		108,900
	dings, LLC/Verso Paper, Inc.		100,500
225	11.375%, 8/1/16		147,375
223	11.37370, 0/1/10		147,575
		\$	384,900
		Ψ	304,200
Health Care 0.5	\$ 0%		
Health Care 0.5	0.70		
Assollant Inc			
Accellent, Inc.	10.500/ 12/1/12	¢	200 725
285	10.50%, 12/1/13	\$	280,725
•	nc./EmCare HoldCo, Inc., Sr. Sub. Notes		242.075
325	10.00%, 2/15/15		342,875
·	LC/DJO Finance Corp.		100.025
	10.875%, 11/15/14		199,025
HCA, Inc.			
115	9.25%, 11/15/16		120,462
MultiPlan, Inc.,			
485	10.375%, 4/15/16 ⁽⁹⁾		468,025
National Mentor	0.		
290	11.25%, 7/1/14		289,275
Res-Care, Inc., S	Sr. Notes		
195	7.75%, 10/15/13		194,025
US Oncology, In	c.		
515	10.75%, 8/15/14		540,750
		\$	2,435,162
Industrial Equipm	nent 0.1%		
Chart Industries	s, Inc., Sr. Sub. Notes		
195	9.125%, 10/15/15	\$	195,000
ESCO Corp., Sr.	. Notes		
145	8.625%, 12/15/13 ⁽⁹⁾		143,913

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\$

338,913

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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) Security	Valu	ıe
Insurance 0.0%		
Alliant Holdings I, Inc.		
100 11.00%, 5/1/15 ⁽⁹⁾	\$	98,000
	\$	98,000

Leisure Goods / Activities / Movies 0.2%

Bombardier, Inc				
130	8.00%, 11/15/14 ⁽⁹⁾	\$ 133,900		
HRP Myrtle Bea	ach Operations, LLC/HRP My	rtle Beach Capital Corp.		
195	$12.50\%, 4/1/13^{(2)(7)(9)}$	0		
HRP Myrtle Bea	ach Operations, LLC/HRP My	rtle Beach Capital Corp.,		
Variable Rate				
360	$0.00\%, 4/1/12^{(2)(7)(9)}$	0		
Marquee Holdings, Inc., Sr. Disc. Notes				
610	9.505%, 8/15/14	510,112		
Royal Caribbean Cruises, Sr. Notes				
95	7.00%, 6/15/13	92,150		
35	6.875%, 12/1/13	33,338		
25	7.25%, 6/15/16	23,375		
50	7.25%, 3/15/18	45,750		
Universal City Development Partners, Sr. Notes				
240	11.75%, 4/1/10	241,800		

1,080,425

Lodging and Casinos 0.5%

Buffalo Thunder D	evelopment Authority		
480 9.	.375%, 12/15/14 ⁽²⁾⁽⁹⁾	\$	91,200
CCM Merger, Inc.			
	.00%, 8/1/13 ⁽⁹⁾		268,125
	Sr. Notes, Variable Rate		
	913%, 11/15/12 ⁽⁹⁾		175,000
Fontainebleau Las			10.100
	0.25%, 6/15/15 ⁽²⁾⁽⁹⁾		19,400
Galaxy Entertainm			205 500
	.875%, 12/15/12 ⁽⁹⁾		295,500
Greektown Holding	0.75%, 12/1/13 ⁽²⁾⁽⁹⁾		19,475
	s, LLC & Capital Corp., Sr. Notes		19,473
-	1.00%, 11/1/12 ⁽⁹⁾		74,175
Inn of the Mountain	•		74,173
	2.00%, 11/15/10 ⁽²⁾		201,250
Majestic HoldCo, L			201,230
	2.50%, 10/15/11 ⁽²⁾⁽⁹⁾		168
	aming Authority, Sr. Sub. Notes		100
0	.00%, 4/1/12		119,700
	.125%, 8/15/14		151,575
	.875%, 2/15/15		152,950
	ment, Inc., Sr. Sub. Notes		132,730
	.50%, 6/15/15		54,300
Pokagon Gaming A	•		3 1,500
	0.375%, 6/15/14 ⁽⁹⁾		106,080
San Pasqual Casino	•		100,000
-	.00%, 9/15/13 ⁽⁹⁾		105,050
	ek Entertainment, Variable Rate		102,020
	.799%, 3/15/14 ⁽⁹⁾		141,750
	ing Authority, Sr. Notes		111,700
	.00%, 11/15/15 ⁽⁹⁾		280,550
Waterford Gaming	•		,
_	.625%, 9/15/14 ⁽⁹⁾		218,707
	,		,
		\$	2,474,955
Nonferrous Metals /	Minerals 0.2%		
FMG Finance PTY	•		
675 1	0.625%, 9/1/16 ⁽⁹⁾	\$	744,187
		ф.	84440
		\$	744,187

Oil and Gas 0.6%

Allis-Chalmers I	Energy, Inc., Sr. Notes	
335	9.00%, 1/15/14	\$ 284,750
Clayton William	s Energy, Inc.	
175	7.75%, 8/1/13	153,125
Compton Pet Fin	nance Corp.	
360	7.625%, 12/1/13	267,300
Denbury Resour	ces, Inc., Sr. Sub. Notes	
50	7.50%, 12/15/15	50,250
El Paso Corp., S	r. Notes	
225	9.625%, 5/15/12	235,115
Forbes Energy S	ervices, Sr. Notes	
310	11.00%, 2/15/15	261,175
OPTI Canada, I	nc., Sr. Notes	
95	7.875%, 12/15/14	74,575
175	8.25%, 12/15/14	138,250
Petroleum Devel	opment Corp., Sr. Notes	
115	12.00%, 2/15/18	115,287
Petroplus Financ	ce, Ltd.	
370	$7.00\%, 5/1/17^{(9)}$	336,700
Quicksilver Reso	ources, Inc.	
290	7.125%, 4/1/16	261,725

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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) Security	Va	lue
Oil and Gas (continued)		
On and Gas (continued)		
SandRidge Energy, Inc., Sr. Notes		
165 8.00%, 6/1/18 ⁽⁹⁾	\$	164,175
SemGroup, L.P., Sr. Notes		
540 8.75%, 11/15/15 ⁽²⁾⁽⁹⁾		35,100
SESI, LLC, Sr. Notes		
60 6.875%, 6/1/14		58,800
Stewart & Stevenson, LLC, Sr. Notes		100.075
215 10.00%, 7/15/14		198,875
	\$	2,635,202
	Ψ	2,033,202
Publishing 0.1%		
Dex Media West/Finance, Series B		
112 9.875%, 8/15/13 ⁽²⁾	\$	22,680
Local Insight Regatta Holdings, Inc.		
90 11.00%, 12/1/17		44,550
Nielsen Finance, LLC		
515 10.00%, 8/1/14		533,025
70 12.50%, (0.00% until 2011), 8/1/16		60,988
Reader s Digest Association, Inc. (The), Sr. Sub. Notes		
455 9.00%, 2/15/17 ⁽²⁾		6,825
	ø	((0,0(0
	\$	668,068

Rail Industries 0.2%

American Railcar Industry, Sr. Notes		
175 7.50%, 3/1/14	\$	160,125
Kansas City Southern Mexico, Sr. Notes		270 200
280 7.625%, 12/1/13		270,200
100 7.375%, 6/1/14 190 8.00%, 6/1/15		95,000
190 8.00%, 6/1/15		195,700
	\$	721,025
Retailers (Except Food and Drug) 0.3%		
Amscan Holdings, Inc., Sr. Sub. Notes		
400 8.75%, 5/1/14	\$	380,000
Neiman Marcus Group, Inc.	т	200,000
462 9.00%, 10/15/15		409,686
105 10.375%, 10/15/15		92,925
Sally Holdings, LLC, Sr. Notes		
20 10.50%, 11/15/16		21,300
Yankee Acquisition Corp., Series B		
405 8.50%, 2/15/15		388,800
	\$	1,292,711
	\$	1,292,711
	\$	1,292,711
Steel 0.0%	\$	1,292,711
Steel 0.0%	\$	1,292,711
RathGibson, Inc., Sr. Notes	\$	
	\$	1,292,711 163,538
RathGibson, Inc., Sr. Notes	Ф	
RathGibson, Inc., Sr. Notes	\$	163,538
RathGibson, Inc., Sr. Notes	Ф	
RathGibson, Inc., Sr. Notes	\$	163,538
RathGibson, Inc., Sr. Notes	\$	163,538
RathGibson, Inc., Sr. Notes	\$	163,538
RathGibson, Inc., Sr. Notes 445 11.25%, 2/15/14 ⁽²⁾	\$	163,538
RathGibson, Inc., Sr. Notes 445 11.25%, 2/15/14 ⁽²⁾	\$	163,538
RathGibson, Inc., Sr. Notes 445 11.25%, 2/15/14 ⁽²⁾	\$	163,538
RathGibson, Inc., Sr. Notes 445 11.25%, 2/15/14 ⁽²⁾ Surface Transport 0.0%	\$	163,538
RathGibson, Inc., Sr. Notes 445 11.25%, 2/15/14 ⁽²⁾ Surface Transport 0.0% CEVA Group, PLC, Sr. Notes	\$ \$	163,538 163,538
RathGibson, Inc., Sr. Notes 445 11.25%, 2/15/14 ⁽²⁾ Surface Transport 0.0% CEVA Group, PLC, Sr. Notes	\$ \$	163,538 163,538

Telecommunications 0.4%

Digicel Group, L	td., Sr. Notes		
300	9.25%, 9/1/12 ⁽⁹⁾	\$	306,000
882	9.125%, 1/15/15 ⁽⁹⁾		851,130
Qwest Corp., Sr.	Notes, Variable Rate		
925	3.549%, 6/15/13		864,875
		ф	2 022 005
		\$	2,022,005
Utilities 0.1%			
AES Corp., Sr. N	lotes		
55	8.00%, 10/15/17	\$	55,550
NGC Corp.			
390	7.625%, 10/15/26		267,150
NRG Energy, Inc			
165	7.25%, 2/1/14		164,175
Reliant Energy, I			10.600
20	7.625%, 6/15/14		19,600
		\$	506,475
		Ψ	300,473
Total Corporate B	onds & Notes		
(identified cost \$3		\$	29,544,400

Asset-Backed Securities 0.8%

Princip Amoun (000 s	•	Security	Valu	ıe
\$	558	Alzette European CLO SA,		
		Series 2004-1A, Class E2,		
		7.273%, 12/15/20 ⁽¹⁰⁾	\$	55,761
	696	Avalon Capital Ltd. 3, Series 1A, Class D,		
		$2.357\%, \frac{2}{24}/19^{(9)(10)}$		444,172
	753	Babson Ltd., Series 2005-1A, Class C1,		
		$2.234\%, 4/15/19^{(9)(10)}$		487,657

1,000 Bryant Park CDO Ltd., Series 2005-1A, Class C, 2.334%, 1/15/19⁽⁹⁾⁽¹⁰⁾

151,900

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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)	Security	Va	lue
\$ 1,000	Carlyle High Yield Partners, Series 2004-6A, Class C,		
871	2.911%, 8/11/16 ⁽¹⁰⁾ Centurion CDO 8 Ltd., Series 2005-8A,	\$	426,200
750	Class D, 5.814%, 3/8/17 ⁽¹⁰⁾ Centurion CDO 9 Ltd., Series 2005-9A,		514,218
750	Class D1, 5.034%, 7/17/19 ⁽¹⁰⁾ Comstock Funding Ltd., Series 2006-1A,		353,025
1,500	Class D, 4.611%, 5/30/20 ⁽⁹⁾⁽¹⁰⁾ Dryden Leveraged Loan, Series 2004-6A,		142,500
1,000	Class C1, 2.831%, 7/30/16 ⁽⁹⁾⁽¹⁰⁾ First CLO Ltd., Series 2004-1A1,		89,400
1,000	Class C, 2.582%, 7/27/16 ⁽⁹⁾⁽¹⁰⁾ Schiller Park CLO Ltd., Series 2007-1A,		570,700
	Class D, 2.032%, 4/25/21 ⁽⁹⁾⁽¹⁰⁾		510,500
Total Asset-Backer (identified cost \$9,		\$	3,746,033
Common Stocks	0.1%		
Shares	Security	Va	lue
Air Transport 0.0	0%		
1,535	Delta Air Lines, Inc. ⁽¹¹⁾	\$	10,960
		\$	10,960

Building and Development 0.0%	
508 United Subcontractors, Inc. (7)(11)	\$ 40,925
	\$ 40,925
Chemicals and Plastics 0.1%	
Chemicals and Plastics 0.1%	
Wellman Holdings, Inc. (7)(11)	\$ 157,281
	\$ 157,281
Ecological Services and Equipment 0.0%	
6,211 Environmental Systems Products	
Holdings, Inc. (7)(11)(12)	\$ 86,519
	\$ 86,519
Food Service 0.0%	
23,029 Buffets, Inc. ⁽¹¹⁾	\$ 149,689
	\$ 149,689
Nonferrous Metals / Minerals 0.0%	
Nomerious Metals / Minicials U.U%	
Furamax International, Inc. (7)(11)	\$ 0
	\$ 0

Publishing 0.0%			
2,290	Source Interlink Companies, Inc. (7)(11)	\$	16,488
		\$	16,488
Total Common Sto (identified cost \$2.		\$	461,862
Convertible Prefe	erred Stocks 0.0%		
Shares	Security	Valu	ıe
Telecommunication			
484	Crown Castle International Corp., 6.25% ⁽³⁾	\$	26,257
		\$	26,257
Total Convertible (identified cost \$2.		\$	26,257
Preferred Stocks	0.1%		
Shares	Security	Valu	ie
Ecological Service	es and Equipment 0.1%		
2,845	Environmental Systems Products Holdings, Inc., Series A ⁽⁷⁾⁽¹¹⁾⁽¹²⁾	\$	227,600
		\$	227,600

Total Preferred Stocks (identified cost \$49,787)

\$ 227,600

Miscellaneous 0.0%

Shares Security Value

Air Transport 0.0%

1,000,000 Delta Air Lines, Inc., Escrow Certificate⁽¹¹⁾ \$ 12,500

\$ 12,500

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

Shares	Security	Va	alue
Oil and Gas 0.09	%		
105,000	VeraSun Energy Corp., Escrow Certificate ⁽⁷⁾⁽¹¹⁾	\$	0
Total Miscellaneon	us (identified cost \$0)	\$	12,500
Short-Term Inves	stments 4.5%		
Interest/ Principal Amount (000 s omitted)	Description	Va	alue
\$ 18,353 2,098	Cash Management Portfolio, 0.00% ⁽¹³⁾ State Street Bank and Trust Euro Time Deposit, 0.01%, 11/2/09	\$	18,352,976 2,098,164
Total Short-Term (identified cost \$20		\$	20,451,140
Total Investments (identified cost \$8.		\$	759,022,190
Less Unfunded Lo	ean Commitments (0.5)%	\$	(2,028,440)

Net Investments 164.3% (identified cost \$831,408,760) \$ 756,993,750

Other Assets, Less Liabilities (35.8)% \$ (164,980,900)

Auction Preferred Shares Plus Cumulative Unpaid Dividends (28.5)% \$ (131,313,022)

Net Assets Applicable to Common Shares 100.0% \$ 460,699,828

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

DIP - Debtor in Possession

EUR - Euro

GBP - British Pound Sterling

- * In U.S. dollars unless otherwise indicated.
- (1) Senior floating-rate interests (Senior Loans) often require prepayments from excess cash flows or permit the borrowers to repay at their election. The degree to which borrowers repay, whether as a contractual requirement or at their election, cannot be predicted with accuracy. As a result, the
 - actual remaining maturity may be substantially less than the stated maturities shown. However, Senior Loans will have an expected average life of approximately two to four years. The stated interest rate represents the weighted average interest rate of all contracts within the senior loan facility and includes commitment fees on unfunded loan commitments, if any. Senior Loans typically have rates of interest which are predetermined either daily, monthly, quarterly or semi-annually by reference to a base lending rate, plus a premium. These base rates are primarily the London Interbank Offered Rate (LIBOR) and secondarily, the prime rate offered by one or more major United States banks (the Prime Rate) and the certificate of deposit (CD) rate or other base lending rates used by commercial lenders.
- (2) Currently the issuer is in default with respect to interest payments.
- (3) Represents a payment-in-kind security which may pay all or a portion of interest/dividends in additional par/shares.
- (4) This Senior Loan will settle after October 31, 2009, at which time the interest rate will be determined.

- (5) Unfunded or partially unfunded loan commitments. See Note 1G for description.
- (6) Defaulted matured security.
- (7) Security valued at fair value using methods determined in good faith by or at the direction of the Trustees.
- (8) Security exempt from registration under Regulation S of the Securities Act of 1933, which exempts from registration securities offered and sold outside the United States. Security may not be offered or sold in the United States except pursuant to an exemption from, or in a transaction not subject to, the registration requirements of the Securities Act of 1933.
- (9) 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, 2009, the aggregate value of these securities is \$8,616,484 or 1.9% of the Trust s net assets.
- (10) Variable rate security. The stated interest rate represents the rate in effect at October 31, 2009.
- (11) Non-income producing security.
- (12) Restricted security (see Note 8).
- (13) Affiliated investment company available to Eaton Vance portfolios and funds which invests in high quality, U.S. dollar denominated money market instruments. The rate shown is the annualized seven-day yield as of October 31, 2009.

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

FINANCIAL STATEMENTS

Statement of Assets and Liabilities

As of October 31, 2009

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Unaffiliated investments, at value	
(identified cost, \$813,055,784)	\$ 738,640,774
Affiliated investment, at value	
(identified cost, \$18,352,976)	18,352,976
Foreign currency, at value (identified cost, \$2,006,027)	1,998,867
Interest and dividends receivable	3,605,846
Receivable for investments sold	4,332,180
Receivable for open forward foreign currency exchange	
contracts	128,469
Receivable for closed swap contracts	
(net of unrealized depreciation of \$5,868)	5,132
Prepaid expenses	113,140

Total assets \$ 767,177,384

Liabilities

Notes payable	\$ 150,000,000
Payable for investments purchased	24,349,486
Payable for open forward foreign currency exchange	
contracts	81,420
Payable to affiliates:	
Investment adviser fee	344,232
Trustees fees	1,723
Accrued expenses	387,673

Total liabilities \$ 175,164,534

Auction preferred shares (5,252 shares outstanding) at	
liquidation value plus cumulative unpaid dividends	\$ 131,313,022

Net assets applicable to common shares

\$ 460,699,828

Sources of Net Assets

Common shares, \$0.01 par value, unlimited number of		
shares authorized, 33,629,955 shares issued and		
outstanding	\$	336,300
Additional paid-in capital		642,215,325
Accumulated net realized loss	(111,897,028)
Accumulated undistributed net investment income		4,480,562
Net unrealized depreciation		(74,435,331)

Net assets applicable to common shares \$ 460,699,828

Net Asset Value Per Common Share

(\$460,699,828 ¸ 33,629,955 common shares issued and outstanding) \$ 13.70

Statement of Operations

For the Year Ended October 31, 2009

Investment Income

Interest	\$ 41,255,358
Dividends	2,848
Interest income allocated from affiliated investment	64,896
Expenses allocated from affiliated investment	(34,491)

Total investment income \$ 41,288,611

Expenses

Investment adviser fee	\$ 4,345,667
Trustees fees and expenses	21,245
Custodian fee	270,363
Transfer and dividend disbursing agent fees	19,591
Legal and accounting services	328,431
Printing and postage	101,613
Interest expense and fees	4,092,532
Preferred shares service fee	241,254
Miscellaneous	126,535