

Eaton Vance Enhanced Equity Income Fund
Form N-CSRS
May 31, 2005

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 811-21614

Eaton Vance Enhanced Equity Income Fund
(Exact name of registrant as specified in charter)

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

02109
(Zip code)

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

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

Date of fiscal year September 30
end:

Date of reporting period: March 31, 2005

Item 1. Reports to Stockholders

Semiannual Report March 31, 2005

EATON VANCE
ENHANCED
EQUITY
INCOME
FUND

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

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

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

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

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

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

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

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

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

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Delivery of Shareholder Documents. The Securities and Exchange Commission 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 will file a schedule of its portfolio holdings on Form N-Q with the SEC for the first and third quarters of each fiscal year. The Form N-Q will be available on the Eaton Vance website www.eatonvance.com, 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 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.

Eaton Vance Enhanced Equity Income Fund as of March 31, 2005

INVESTMENT UPDATE

The Fund

Walter A. Row
Lewis R. Piantedosi
Eaton Vance Management

David R. Fraley
Ronald M. Egalka
Rampart Investment
Management

We are pleased to welcome shareholders of Eaton Vance Enhanced Equity Income Fund (the Fund), a diversified, closed-end investment company traded on the New York Stock Exchange under the symbol EOI. The Fund's primary objective is to provide current income, with a secondary objective of capital appreciation. To reach these objectives, the Fund uses a systematic program of covered call option writing in order to enhance the returns and dampen the volatility of its underlying stock portfolio.

Based on share price, the Fund had a total return of 7.18% for the period from inception on October 29, 2004, to March 31, 2005. This return resulted from an increase in share price from \$19.10 (offering price of \$20 per share, less all commissions) on October 29, 2004, to \$20.05 on March 31, 2005, and the reinvestment of \$0.411 per share in distributions.

Based on net asset value (NAV), the Fund had a total return of 3.98% for the period from inception on October 29, 2004, to March 31, 2005. That return was the result of an increase in NAV per share from \$19.10 (offering price, less all commissions) on October 29, 2004, to \$19.45 on March 31, 2005, and the reinvestment of \$0.411 per share in distributions.

Management Discussion

During the five-month period ending March 31, 2005, the Fund succeeded in meeting its goal of attractive monthly distributions and capital appreciation based primarily on the performance of its underlying stocks. In so doing, the Fund outperformed the S&P 500 Index based on share price.⁽¹⁾ Among the Portfolio's common stock holdings, those in the health care and energy sectors contributed positively to performance, while stocks in materials and information technology were among the weaker performers. A covered call strategy typically underperforms in strong up markets while seeking to outperform in flat and down markets.

The Fund holds a broadly diversified portfolio consisting of 70-100 stocks; approximately 65% are large market caps and 35% are mid-caps. In selecting stocks for purchase, our team of research analysts focuses on companies with above-average growth and financial strength. Stocks are selected with a valuation sensitivity, and a sell discipline is employed to further limit risk. Option premiums and, to a smaller extent, common stock dividends are the source for the Fund's distributions. While the Fund is authorized to utilize leverage, the Fund has no current intention to do so.

The Fund writes (sells) covered call options on a substantial portion of its stock holdings. As the writer of stock options, the Fund receives initial payments (premiums) in exchange for giving the options buyers the right to acquire the associated stocks at specified exercise prices on or before specified expiration dates. Writing covered call options involves a tradeoff between the options premiums received and reduced participation in potential stock appreciation.

Past performance is no guarantee of future results. Returns are historical and are calculated by determining the percentage change in net asset value or share price (as applicable) with all distributions reinvested. The Fund has no current intention to utilize leverage, but may do so in the future through the issuance of preferred shares and/or borrowings, including the issuance of debt securities. Investment return and principal value will fluctuate so that shares, when redeemed, may be worth more or less than their original cost. Performance is for the stated time period only; due to market volatility, the Fund'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.

⁽¹⁾ It is not possible to invest directly in an Index. The Index's total return does not reflect commissions or expenses that would have been incurred if an investor individually purchased or sold the securities represented in the Index.

Fund 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.

FUND PERFORMANCE

The Fund's strategy relies on stock selection and price target objectives set by Eaton Vance's equity research team, in concert with Rampart Investment Management's options optimization models. To allow for capital appreciation, the Fund varies the amount of option written on its common stock holdings. For stocks considered to have significant upside potential, the Fund expects generally to write initially on a smaller portion of the underlying position. If the stock price rises, the options contracts are normally rolled to higher strike prices. This allows for both increased cash flows and higher target share price realization. Equities considered to have less upside potential may be more fully written. If the stock price falls, the Fund may look to cover or buy back the options sold. Depending on the stock's fundamental outlook, the Fund may then exit the position, write more options toward a new target or write fewer options allowing the stock to recover to its original target. During the Fund's first 5 months, it has written call option contracts covering, on average, 65-70% of stock portfolio assets.

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.

Performance

Average Annual Total Returns (by share price, New York Stock Exchange)

Life of Fund (10/29/04)	7.18%
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Average Annual Total Returns (at net asset value)

Life of Fund (10/29/04)	3.98%
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Past performance is no guarantee of future results. Returns are historical and are calculated by determining the percentage change in net asset value or share price (as applicable) with all distributions reinvested. The Fund has no current intention to utilize leverage, but may do so in the future through the issuance of preferred shares and/or borrowings, including the issuance of debt securities. Investment return and principal value will fluctuate so that shares, when redeemed, may be worth more or less than their original cost. Performance is for the stated time period only; due to market volatility, the Fund'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.

Common Stock Sector Allocation*

By total investments

Health Care	20.22%
Information Technology	19.14%
Financials	15.49%
Consumer Discretionary	13.70%
Consumer Staples	9.96%
Energy	8.63%
Industrials	8.63%
Materials	3.29%
Telecommunications Services	0.94%

*Fund information may not be representative of the Fund's current or future investments and may change due to active management.

Eaton Vance Enhanced Equity Income Fund as of March 31, 2005

PORTFOLIO OF INVESTMENTS (Unaudited)

Common Stocks - 99.9%		
Security	Shares	Value
Advertising - 1.5%		
Getty Images, Inc. ⁽¹⁾	86,600	\$ 6,158,126
Lamar Advertising Co. ⁽¹⁾	125,000	5,036,250
		\$ 11,194,376
Aerospace & Defense - 2.4%		
General Dynamics Corp.	83,800	\$ 8,970,790
Northrop Grumman Corp.	167,800	9,057,844
		\$ 18,028,634
Apparel - 2.3%		
Jones Apparel Group, Inc.	145,100	\$ 4,859,399
Nike, Inc., Class B	150,500	12,538,155
		\$ 17,397,554
Auto and Parts - 0.9%		
BorgWarner, Inc.	147,700	\$ 7,190,036
		\$ 7,190,036
Beverages - 2.3%		
Anheuser-Busch Cos., Inc.	133,600	\$ 6,331,304
PepsiCo, Inc.	212,500	11,268,875
		\$ 17,600,179
Biotechnology - 3.8%		
Amgen, Inc. ⁽¹⁾	123,700	\$ 7,200,577
Genzyme Corp. ⁽¹⁾	132,600	7,590,024
Gilead Sciences, Inc. ⁽¹⁾	237,700	8,509,660
Medimmune, Inc. ⁽¹⁾	252,800	6,019,168
		\$ 29,319,429
Commercial Banks - 7.2%		
Bank of New York Co., Inc. (The)	320,000	\$ 9,296,000
North Fork Bancorporation, Inc.	356,850	9,899,019
Sovereign Bancorporation, Inc.	311,600	6,905,056
SunTrust Banks, Inc.	159,000	11,459,130
Synovus Financial Corp.	263,000	7,327,180
Wells Fargo & Co.	175,400	10,488,920
		\$ 55,375,305
Communications Equipment - 4.9%		
Avaya, Inc. ⁽¹⁾	870,000	\$ 10,161,600
Cisco Systems, Inc. ⁽¹⁾	371,100	6,638,979
Corning, Inc. ⁽¹⁾	948,100	10,552,353
Research in Motion Ltd. ⁽¹⁾	133,000	10,163,860
		\$ 37,516,792

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Computer Software - 4.8%		
Microsoft Corp.	369,000	\$ 8,918,730
Oracle Corp. ⁽¹⁾	527,200	6,579,456
SAP AG ADR	291,100	11,667,288
VERITAS Software Corp. ⁽¹⁾	394,000	9,148,680
		\$ 36,314,154
Computers & Peripherals - 1.1%		
International Business Machines Corp.	95,600	\$ 8,735,928
		\$ 8,735,928
Diversified Telecommunication Services - 0.9%		
Sprint Corp.	315,300	\$ 7,173,075
		\$ 7,173,075
Electrical Equipment - 1.7%		
Emerson Electric Co.	201,900	\$ 13,109,367
		\$ 13,109,367
Electronic Equipment & Instruments - 4.9%		
Agilent Technologies, Inc. ⁽¹⁾	276,200	\$ 6,131,640
Fisher Scientific International ⁽¹⁾	90,100	5,128,492
Flextronics International Ltd. ⁽¹⁾	882,300	10,622,892
Jabil Circuit, Inc. ⁽¹⁾	287,100	8,188,092
L-3 Communications Holdings, Inc.	104,400	7,414,488
		\$ 37,485,604
Entertainment - 1.4%		
Carnival Corp.	204,100	\$ 10,574,421
		\$ 10,574,421
Financial Services - 9.0%		
Accenture Ltd., Class A ⁽¹⁾	430,300	\$ 10,391,745
American Express Co.	198,800	10,212,356
Citigroup, Inc.	237,600	10,677,744

See notes to financial statements

Eaton Vance Enhanced Equity Income Fund as of March 31, 2005

PORTFOLIO OF INVESTMENTS (Unaudited) CONT'D

Security	Shares	Value
Financial Services (continued)		
Countrywide Financial Corp.	199,000	\$ 6,459,540
E*Trade Financial Corp. ⁽¹⁾	557,800	6,693,600
Goldman Sachs Group, Inc.	125,100	13,759,749
Paychex, Inc.	319,800	10,495,836
		\$ 68,690,570
Health Services - 4.9%		
Caremark Rx, Inc. ⁽¹⁾	263,500	\$ 10,482,030
HCA, Inc.	176,800	9,471,176
Quest Diagnostics, Inc.	60,300	6,339,339
UnitedHealth Group, Inc.	116,300	11,092,694
		\$ 37,385,239
Industrial Conglomerates - 1.3%		
Tyco International Ltd.	285,300	\$ 9,643,140
		\$ 9,643,140
Insurance - 2.6%		
Aflac, Inc.	224,000	\$ 8,346,240
MGIC Investment Corp.	108,000	6,660,360
WellPoint, Inc. ⁽¹⁾	41,800	5,239,630
		\$ 20,246,230
Machinery - 1.3%		
Deere & Co.	144,900	\$ 9,727,137
		\$ 9,727,137
Media - 2.0%		
Time Warner, Inc. ⁽¹⁾	418,500	\$ 7,344,675
Walt Disney Co.	273,100	7,846,163
		\$ 15,190,838
Medical Products - 3.0%		
Baxter International, Inc.	177,000	\$ 6,014,460
Boston Scientific Corp. ⁽¹⁾	302,700	8,866,083
Charles River Laboratories International, Inc. ⁽¹⁾	171,900	8,086,176
		\$ 22,966,719

Security	Shares	Value
Metals-Industrial - 2.5%		
Alcoa, Inc.	315,200	\$ 9,578,928
Inco Ltd. ⁽¹⁾	239,900	9,548,020
		\$ 19,126,948
Mining - 0.8%		
Newmont Mining Corp.	142,100	\$ 6,003,725
		\$ 6,003,725
Oil and Gas - 4.8%		

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BP PLC ADR	175,900	\$ 10,976,160
ConocoPhillips	78,600	8,476,224
GlobalSantaFe Corp.	256,600	9,504,464
Marathon Oil Corp.	172,700	8,103,084
		\$ 37,059,932
Oil and Gas-Equipment and Services - 1.2%		
Williams Co., Inc. (The)	472,200	\$ 8,882,082
		\$ 8,882,082
Oil and Gas-Exploration and Production - 2.6%		
Chesapeake Energy Corp.	226,300	\$ 4,965,022
Halliburton Co.	215,100	9,303,075
Noble Energy, Inc.	82,900	5,638,858
		\$ 19,906,955
Personal Products - 4.1%		
Colgate-Palmolive Co.	139,000	\$ 7,251,630
Estee Lauder Cos., Inc. (The), Class A	238,400	10,723,232
Gillette Co. (The)	260,700	13,160,136
		\$ 31,134,998
Pharmaceuticals - 7.1%		
Allergan, Inc.	71,600	\$ 4,974,052
Biovail Corp. ⁽¹⁾	476,000	7,178,080
IVAX Corp. ⁽¹⁾	518,000	10,240,860
Valeant Pharmaceuticals International	369,000	8,309,880
Watson Pharmaceuticals, Inc. ⁽¹⁾	325,700	10,008,761
Wyeth Corp.	321,300	13,552,434
		\$ 54,264,067

See notes to financial statements

Eaton Vance Enhanced Equity Income Fund as of March 31, 2005

PORTFOLIO OF INVESTMENTS (Unaudited) CONT'D

Security	Shares	Value
Retail-Food and Drug - 3.6%		
CVS Corp.	233,000	\$ 12,260,460
Walgreen Co.	338,700	15,045,054
		\$ 27,305,514
Retail-General - 2.4%		
Dollar General Corp.	500,000	\$ 10,955,000
Target Corp.	140,200	7,012,804
		\$ 17,967,804
Retail-Specialty and Apparel - 3.3%		
Bed Bath and Beyond, Inc. ⁽¹⁾	257,500	\$ 9,409,050
Home Depot, Inc. (The)	171,200	6,546,688
Polo Ralph Lauren Corp.	233,200	9,048,160
		\$ 25,003,898
Semiconductors & Semiconductor Equipment - 2.3%		
Broadcom Corp., Class A ⁽¹⁾	258,400	\$ 7,731,328
Linear Technology Corp.	136,100	5,213,991
Maxim Integrated Products, Inc.	115,500	4,720,485
		\$ 17,665,804
Transportation - 1.0%		
Swift Transportation Co., Inc. ⁽¹⁾	359,200	\$ 7,952,688
		\$ 7,952,688
Total Common Stocks (identified cost \$737,939,789)		\$ 763,139,142
Short-Term Investments - 3.5%		
	Principal Amount (000's omitted)	Value
Security		
General Electric Co. Commercial Paper, 2.83%, 4/1/05	\$ 24,974	\$ 24,974,000
Investors Bank and Trust Company Time Deposit, 2.85%, 4/1/05	1,979	1,979,000
Total Short-Term Investments (at amortized cost, \$26,953,000)		\$ 26,953,000
Total Investments - 103.4% (identified cost \$764,892,789)		\$ 790,092,142
Other Assets, Less Liabilities - (3.4)%		\$ (25,913,526)
Net Assets - 100.0%		\$ 764,178,616

ADR - American Depository Receipt

⁽¹⁾ Non-income producing security.

See notes to financial statements

Eaton Vance Enhanced Equity Income Fund as of March 31, 2005

FINANCIAL STATEMENTS (Unaudited)

Statement of Assets and Liabilities

As of March 31, 2005

Assets	
Investments, at value (identified cost, \$764,892,789)	\$ 790,092,142
Cash	6,770
Receivable for investments sold	1,127,558
Receivable from the Investment Adviser	7,500
Dividends and interest receivable	339,348
Receivable for option premiums	627,073
Total assets	\$ 792,200,391
Liabilities	
Written options outstanding, at value (premiums \$30,205,538)	\$ 27,667,885
Payable for option premiums	37,103
Accrued expenses	316,787
Total liabilities	\$ 28,021,775
Net assets applicable to common shares	\$ 764,178,616
Sources of Net Assets	
Common Shares, \$0.01 par value, unlimited number of shares	
authorized, 39,289,381 shares issued and outstanding	\$ 392,894
Additional paid-in capital	749,381,655
Undistributed net realized gain (computed on the basis of identified cost)	1,230,725
Distributions in excess of net investment income earned to date	(14,563,664)
Net unrealized appreciation (computed on the basis of identified cost)	27,737,006
Net assets applicable to common shares	\$ 764,178,616
Net Asset Value Per Common Share	
(\$764,178,616 ÷ 39,289,381 common shares issued and outstanding)	\$ 19.45

Statement of Operations

For the Period Ended
March 31, 2005⁽¹⁾

Investment Income	
Dividends (net of foreign taxes, \$9,968)	\$ 4,523,019
Interest	438,464
Total investment income	\$ 4,961,483
Expenses	
Investment adviser fee	\$ 3,192,745
Custodian fee	93,061
Printing and postage	68,252

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Transfer and dividend disbursing agent fees	32,039
Legal and accounting services	27,181
Amortization of organization expenses	7,500
Miscellaneous	17,056
Total expenses	\$ 3,437,834
Deduct -	
Reduction of custodian fee	\$ 2,717
Reduction of investment adviser fee	14,572
Expense reimbursement	7,500
Total expense reductions	\$ 24,789
Net expenses	\$ 3,413,045
Net investment income	\$ 1,548,438
Realized and Unrealized Gain (Loss)	
Net realized gain (loss) -	
Investment transactions (identified cost basis)	\$ (1,885,452)
Written options	3,116,177
Net realized gain	\$ 1,230,725
Change in unrealized appreciation (depreciation) -	
Investments (identified cost basis)	\$ 25,199,353
Written options	2,537,653
Net change in unrealized appreciation	\$ 27,737,006
Net realized and unrealized gain	\$ 28,967,731
Net increase in net assets from operations	\$ 30,516,169

(1) For the period from the start of business, October 29, 2004, to March 31, 2005.

See notes to financial statements

Eaton Vance Enhanced Equity Income Fund as of March 31, 2005

FINANCIAL STATEMENTS CONT'D

Statement of Changes in Net Assets

	Period Ended March 31, 2005 (Unaudited) ⁽¹⁾
Increase (Decrease) in Net Assets	
From operations -	
Net investment income	\$ 1,548,438
Net realized gain from investment transactions and written options	1,230,725
Net change in unrealized appreciation (depreciation) from	
investments and written options	27,737,006
Net increase in net assets from operations	\$ 30,516,169
Distributions to shareholders -	
From net investment income	\$ (16,112,102)
Total distributions to shareholders	\$ (16,112,102)
Capital share transactions -	
Proceeds from sale of shares ⁽²⁾	\$ 747,990,887
Reinvestment of distributions to shareholders	2,433,931
Offering cost	(750,269)
Net increase in net assets from capital share transactions	\$ 749,674,549
Net increase in net assets	\$ 764,078,616
Net Assets	
At beginning of period	\$ 100,000
At end of period	\$ 764,178,616
Accumulated distributions in excess of net investment income included in net assets	
At end of period	\$ (14,563,664)

⁽¹⁾ For the period from the start of business, October 29, 2004, to March 31, 2005.

⁽²⁾ Proceeds from sales of shares net of sales load paid of \$35,212,500.

See notes to financial statements

Eaton Vance Enhanced Equity Income Fund as of March 31, 2005

FINANCIAL STATEMENTS CONT'D

Financial Highlights

Selected data for a common share outstanding during the periods stated

	Period Ended March 31, 2005 (Unaudited) ⁽¹⁾⁽²⁾
Net asset value - Beginning of period ⁽³⁾	\$ 19.100
Income (loss) from operations	
Net investment income	\$ 0.040
Net realized and unrealized gain	0.741
Total income from operations	\$ 0.781
Less distributions	
From net investment income	\$ (0.411)
Total distributions	\$ (0.411)
Common share offering costs	\$ (0.020)
Net asset value - End of period	\$ 19.450
Market value - End of period	\$ 20.050
Total Investment Return on Net Asset Value ⁽⁴⁾	3.98%
Total Investment Return on Market Value ⁽⁴⁾	7.18%
Ratios/Supplemental Data	
Net assets end of period (000's omitted)	\$ 764,179
Net expenses	1.06% ⁽⁵⁾
Net investment income	0.48% ⁽⁵⁾
Portfolio Turnover	18%

The operating expenses of the Fund reflect a reduction of the investment adviser fee and a reimbursement of expenses by the Adviser. Had such actions not been taken, the ratios and net investment income per share would have been as follows:

Ratios (As a percentage of average daily net assets):

Expenses	1.07% ⁽⁵⁾
Net investment income	0.47% ⁽⁵⁾
Net investment income per share	\$ 0.039

(1) For the period from the start of business, October 29, 2004, to March 31, 2005.

(2) Computed using average common shares outstanding.

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

(4) Total investment return on net asset value is calculated assuming a purchase at the offering price of \$20.00 less the sales load of \$0.90 per share paid by the shareholder on the first day and a sale at the net asset value on the last day of the period reported. Total investment return on market value is calculated assuming a purchase at the offering price of \$20.00 less the sales load of \$0.90 per share paid by the shareholder on the first day and a sale at the current market price on the last day of the period reported. Total investment return on net asset value and total investment return on market value are not computed on an annualized basis.

(5) Annualized.

See notes to financial statements

Eaton Vance Enhanced Equity Income Fund as of March 31, 2005

NOTES TO FINANCIAL STATEMENTS (Unaudited)

1 Significant Accounting Policies

Eaton Vance Enhanced Equity Income Fund (the Fund) is registered under the Investment Company Act of 1940, as amended, as a diversified, closed-end management investment company. The Fund was organized under the laws of the Commonwealth of Massachusetts by an Agreement and Declaration of Trust dated August 31, 2004. The Fund's primary investment objective is to provide current income, with a secondary objective of capital appreciation. The Fund will pursue its investment objectives by investing primarily in a portfolio of large- and mid-capitalization common stocks, seeking to invest primarily in companies with above-average growth and financial strength. Under normal market conditions, the Fund will seek to generate current earnings from option premiums by selling covered call options on a substantial portion of its portfolio securities. The following is a summary of significant accounting policies of the Fund. The policies are in conformity with accounting principles generally accepted in the United States of America.

A Investment Valuation - Securities listed on a U.S. securities exchange generally are valued at the last sale price on the day of valuation or, if no sales took place on such date, at the mean between the closing bid and asked prices therefore on the exchange where such securities are principally traded. Equity securities listed on the NASDAQ National Market System generally are valued at the official NASDAQ closing price. Unlisted or listed securities for which closing sales prices or closing quotations are not available are valued at the mean between the latest available bid and asked prices or, in the case of preferred equity securities that are not listed or traded in the over-the-counter market, by an independent pricing service. The value of preferred equity securities that are valued by a pricing service on a bond basis will be adjusted by an income factor, to be determined by the investment adviser, to reflect the next anticipated regular dividend. Exchange-traded options are valued at the last sale price for the day of valuation as quoted on the principal exchange or board of trade on which the options are traded or, in the absence of sales on such date, at the mean between the latest bid and asked prices therefore. Futures positions on securities and currencies generally are valued at closing settlement prices. Short-term debt securities with a remaining maturity of 60 days or less are valued at amortized cost. If short-term debt securities were acquired with a remaining maturity of more than 60 days, their amortized cost value will be based on their value on the sixty-first day prior to maturity. Other fixed income and debt securities, including listed securities and securities for which price quotations are available, will normally be valued on the basis of valuations furnished by a pricing service. Foreign securities and currencies are valued in U.S. dollars, based on foreign currency exchange rate quotations supplied by an independent quotation service. The daily valuation of exchange traded foreign securities generally is determined as of the close of trading on the principal exchange on which such securities trade. Events occurring after the close of trading on foreign exchanges may result in adjustments to the valuation of foreign securities to more accurately reflect their fair value as of the close of regular trading on the New York Stock Exchange. When valuing foreign equity securities that meet certain criteria, the Trustees have approved the use of a fair value service that values such securities to reflect market trading that occurs after the close of the applicable foreign markets of comparable securities or other instruments that have a strong correlation to the fair valued securities. Investments held by the Portfolio for which valuations or market quotations are unavailable are valued at fair value using methods determined in good faith by or at the direction of the Trustees of the Portfolio considering relevant factors, data and information including the market value of freely tradable securities of the same class in the principal market on which such securities are normally traded.

B Income - Dividend income is recorded on the ex-dividend date for dividends received in cash and/or securities. However, if the ex-dividend date has passed, certain dividends from foreign securities are recorded as the Fund is informed of the ex-dividend date. Interest income is recorded on the accrual basis.

C Federal Taxes - The Fund's policy is to comply with the provisions of the Internal Revenue Code applicable to regulated investment companies and to distribute to shareholders each year all of its taxable income, including any net realized capital gain on investments. Accordingly, no provision for federal income or excise tax is necessary.

D Written Options - Upon the writing of a call or a put option, an amount equal to the premium received by the Fund is included in the Statement of Assets and Liabilities as a liability. The amount of the liability is subsequently marked-to-market to reflect the current value of the option written in accordance with the Fund's policies on investment valuations discussed above. Premiums received from writing options which expire are treated as realized gains. Premiums received from writing options which are exercised or are closed are added to or offset against the proceeds or amount paid on the transaction to determine the realized gain or loss. If a put option is

Eaton Vance Enhanced Equity Income Fund as of March 31, 2005

NOTES TO FINANCIAL STATEMENTS (Unaudited) CONT'D

exercised, the premium reduces the cost basis of the securities purchased by the Fund. The Fund, as writer of an option, may have no control over whether the underlying securities may be sold (call) or purchased (put) and, as a result, bears the market risk of an unfavorable change in the price of the securities underlying the written option.

E Offering Costs - Costs incurred by the Fund in connection with the offering of the common shares were recorded as a reduction of capital paid in excess of par applicable to common shares.

F Use of Estimates - The preparation of the financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of income and expense during the reporting period. Actual results could differ from those estimates.

G Indemnifications - Under the Fund's organizational documents, its officers and Trustees may be indemnified against certain liabilities and expenses arising out of the performance of their duties to the Fund and shareholders are indemnified against personal liability for obligations of the Fund. Additionally, in the normal course of business, the Fund enters into agreements with service providers that may contain indemnification clauses. The Fund's maximum exposure under these arrangements is unknown as this would involve future claims that may be made against the Fund that have not yet occurred.

H Other - Investment transactions are accounted for on a trade date basis. Realized gains and losses are computed on the specific identification of the securities sold.

I Expense Reduction - Investors Bank & Trust Company (IBT) serves as custodian of the Fund. Pursuant to the custodian agreement, IBT receives a fee reduced by credits which are determined based on the average daily cash balance the Fund maintains with IBT. All credit balances used to reduce the Fund's custodian fees are reported as a reduction of total expenses in the Statement of Operations.

J Interim Financial Statements - The interim financial statements relating to the period from the start of business, October 29, 2004 to March 31, 2005 have not been audited by an independent registered public accounting firm, but in the opinion of the Fund's management reflect all adjustments, necessary for the fair presentation of the financial statements.

2 Distribution to Shareholders

The Fund intends to make monthly distributions of net investment income and at least one distribution annually of all or substantially all of its net realized capital gains, if any. Shareholders may reinvest all distributions in shares of the same class of the Fund at the net asset value as of the close of business on the ex-dividend date. Distributions are paid in the form of additional shares of the same class of the Fund or, at the election of the shareholder, in cash. The Fund distinguishes between distributions on a tax basis and a financial reporting basis. Accounting principles generally accepted in the United States of America require that only distributions in excess of tax basis earnings and profits be reported in the financial statements as a return of capital. Permanent differences between book and tax accounting relating to distributions are reclassified to paid-in capital.

3 Investment Adviser Fee and Other Transactions with Affiliates

The investment adviser fee is earned by Eaton Vance Management (EVM), as compensation for management and investment advisory services rendered to the Fund. Under the advisory agreement, EVM receives a monthly advisory fee in the amount of 1.00% annually of average daily gross assets of the Fund. For the period from the start of business, October 29, 2004 to March 31, 2005, the advisory fee amounted to \$3,192,745. Pursuant to a sub-advisory agreement, EVM has delegated the investment management of the Fund's options strategy to Rampart Investment Management Company (Rampart). EVM pays Rampart a portion of the advisory fee for sub-advisory services provided to the Fund. EVM serves as administrator to the Fund, but currently receives no compensation for providing administrative services to the Fund.

The Adviser has agreed to reduce the investment adviser fee by an amount equal to that portion of commissions paid to broker dealers in execution of Fund portfolio transactions that is consideration for third-party research services. For the period from the start of business, October 29, 2004 to March 31, 2005, the Investment Adviser waived \$14,572 of its advisory fee.

EVM has agreed to reimburse the Fund for costs incurred in the Fund's organization. For the period from the start of business, October 29, 2004, to March 31, 2005 EVM reimbursed the Fund \$7,500 in organization expenses.

Eaton Vance Enhanced Equity Income Fund as of March 31, 2005

NOTES TO FINANCIAL STATEMENTS (Unaudited) CONT'D

Trustees of the Fund who are not affiliated with EVM may elect to defer receipt of all or a percentage of their annual fees in accordance with the terms of the Trustees Deferred Compensation Plan. For the period from the start of business, October 29, 2004, to March 31, 2005, no significant amounts have been deferred.

Certain officers and Trustees of the Fund are officers of the above organization.

4 Purchases and Sales of Investments

Purchases and sales of investments, other than short-term obligations, aggregated \$883,786,388 and \$139,885,247 respectively, for the period from the start of business, October 29, 2004, to March 31, 2005.

5 Federal Income Tax Basis of Unrealized Appreciation (Depreciation)

The cost and unrealized appreciation (depreciation) in value of investments owned by the Fund at March 31, 2005, as computed on a federal income tax basis, were as follows:

Aggregate cost	\$ 764,892,789
Gross unrealized appreciation	\$ 43,983,410
Gross unrealized depreciation	(18,784,057)
Net unrealized appreciation	\$ 25,199,353

6 Common Shares of Beneficial Interest

The Declaration of Trust permits the Fund to issue an unlimited number of full and fractional \$0.01 par value common shares of beneficial interest. Transactions in common shares were as follows:

	Period Ended March 31, 2005 ⁽¹⁾
Sales	39,165,704
Issued to shareholders electing to receive payments of distributions in Fund shares	123,677
Net increase	39,289,381

⁽¹⁾ For the period from the start of business, October 29, 2004, to March 31, 2005.

7 Financial Instruments

The Fund may trade in financial instruments with off-balance sheet risk in the normal course of its investing activities to assist in managing exposure to various market risks. These financial instruments include written options, forward foreign currency exchange contracts and financial futures contracts and may involve, to a varying degree, elements of risk in excess of the amounts recognized for financial statement purposes. The notional or contractual amounts of these instruments represent the investment the Fund has in particular classes of financial instruments and does not necessarily represent the amounts potentially subject to risk. The measurement of the risks associated with these instruments is meaningful only when all related and offsetting transactions are considered. A summary of obligations under these financial instruments at March 31, 2005 is as follows:

Call Options Written

Type of Contract	Number of Contracts	Premium Received	Value
Accenture Ltd., Class A, Expires 05/21/05, Strike	1,965	\$ 230,880	\$ (157,200)

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25.00			
Aflac Inc.,			
Expires 08/20/05, Strike			
40.00	1,100	141,598	(88,000)
Agilent Technologies, Inc.,			
Expires 05/21/05, Strike			
22.50	945	172,457	(85,050)
Alcoa Inc.,			
Expires 07/16/05, Strike			
30.00	780	136,496	(156,000)
Allergan Inc.,			
Expires 7/16/05, Strike			
75.00	716	495,814	(107,400)
American Express Co.,			
Expires 07/16/05, Strike			
55.00	850	97,748	(85,000)
Amgen Inc.,			
Expires 7/16/05, Strike			
60.00	1,237	701,974	(265,955)
Anheuser-Busch Co., Inc.,			
Expires 06/18/05, Strike			
50.00	500	54,999	(12,500)
Avaya, Inc.,			
Expires 06/18/05, Strike			
12.50	3,425	374,844	(205,500)
Bank of New York Co.			
(The), Inc.,			
Expires 07/16/05, Strike			
32.00	1,180	105,018	(23,600)
Baxter International, Inc.,			
Expires 08/20/05, Strike			
35.00	1,770	305,315	(265,500)
Bed Bath and Beyond, Inc.,			
Expires 5/21/05, Strike			
40.00	1,290	170,919	(32,250)
Biovail Corp.,			
Expires 04/16/05, Strike			
15.00	1,950	310,321	(97,500)
Borgwarner, Inc.,			
Expires 7/16/05, Strike			
50.00	1,250	646,854	(231,250)
Boston Scientific Corp.,			
Expires 8/20/05, Strike			
30.00	1,605	296,773	(304,950)

Eaton Vance Enhanced Equity Income Fund as of March 31, 2005

NOTES TO FINANCIAL STATEMENTS (Unaudited) CONT'D

Type of Contract	Number of Contracts	Premium Received	Value
BP PLC ADR, Expires 4/16/05, Strike 60.00	1,755	\$ 321,017	\$ (465,075)
Broadcom Corp., Class A, Expires 05/21/05, Strike 30.00	1,600	667,978	(312,000)
Caremark Rx, Inc., Expires 06/18/05, Strike 40.00	1,500	232,102	(307,500)
Carnival Corp., Expires 7/16/05, Strike 50.00	1,050	391,112	(367,500)
Charles River Laboratories International, Inc., Expires 05/21/05, Strike 45.00	920	320,241	(225,400)
Chesapeake Energy Corp., Expires 4/16/05, Strike 15.00	1,163	235,351	(802,470)
Cisco Systems, Inc., Expires 7/16/05, Strike 17.50	855	119,696	(106,875)
Citigroup, Inc., Expires 09/17/05, Strike 50.00	2,376	461,119	(95,040)
Colgate-Palmolive Co., Expires 8/20/05, Strike 50.00	1,390	371,813	(514,300)
ConocoPhillips, Expires 05/21/05, Strike 105.00	560	195,193	(324,800)
Corning, Inc., Expires 5/21/05, Strike 12.50	6,560	642,340	(65,600)
Countrywide Financial, Expires 7/16/05, Strike 35.00	1,100	156,112	(159,500)
CVS Corp., Expires 5/21/05, Strike 50.00	2,330	485,905	(815,500)
Deere & Co., Expires 9/17/05, Strike 70.00	1,449	546,146	(449,190)
Dollar General Corp., Expires 05/21/05, Strike 22.00	2,660	247,744	(106,400)
E*Trade Financial Corp., Expires 7/16/05, Strike 12.00	2,460	182,034	(206,640)
Emerson Electric Co., Expires 9/17/05, Strike 70.00	2,019	387,934	(222,090)
Estee Lauder Co., Inc. (The), Class A, Expires 7/16/05, Strike 45.00	1,720	610,680	(352,600)
Fisher Scientific International, Expires 6/18/05, Strike 60.00	900	199,717	(180,000)
Flextronics International Ltd.,			