

Eaton Vance Enhanced Equity Income Fund  
Form N-Q  
August 28, 2008

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549





**FORM N-Q**





**QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED  
MANAGEMENT INVESTMENT COMPANIES**





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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)

**Maureen A. Gemma**  
**Eaton Vance Management, 255 State Street, Boston, Massachusetts 02109**  
(Name and Address of Agent for Service)

Registrant's Telephone Number, Including Area  
Code:

(617) 482-8260

Date of Fiscal Year End:

September 30

Date of Reporting Period:

June 30, 2008

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**Item 1. Schedule of Investments**

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**Eaton Vance Enhanced Equity Income Fund**

**as of June 30, 2008**

**PORTFOLIO OF INVESTMENTS (Unaudited)****Common Stocks (1) 96.9%**

Security	Shares		Value
<b>Aerospace &amp; Defense 4.4%</b>			
Alliant Techsystems, Inc. (2)	15,056	\$	1,530,894
Ceradyne, Inc. (2)	64,273		2,204,564
General Dynamics Corp.	81,660		6,875,772
Lockheed Martin Corp.	62,915		6,207,194
Precision Castparts Corp.	27,798		2,678,893
Raytheon Co.	79,917		4,497,729
United Technologies Corp.	124,228		7,664,868
		\$	<b>31,659,914</b>
<b>Auto Components 0.8%</b>			
Johnson Controls, Inc.	212,314	\$	6,089,166
		\$	<b>6,089,166</b>
<b>Beverages 2.2%</b>			
Central European Distribution Corp.(2)	25,371	\$	1,881,260
Coca-Cola Co. (The)	95,492		4,963,674
PepsiCo, Inc.	139,710		8,884,159
		\$	<b>15,729,093</b>
<b>Biotechnology 3.0%</b>			
BioMarin Pharmaceutical, Inc. (2)	45,322	\$	1,313,432
Cephalon, Inc. (2)	28,128		1,875,856
Genentech, Inc. (2)	54,816		4,160,534
Genzyme Corp. (2)	99,210		7,145,104
Gilead Sciences, Inc. (2)	108,696		5,755,453
Onyx Pharmaceuticals, Inc. (2)	44,985		1,601,466
		\$	<b>21,851,845</b>
<b>Capital Markets 4.3%</b>			
Affiliated Managers Group, Inc.(2)	11,834	\$	1,065,770
Bank of New York Mellon Corp. (The)	278,201		10,524,344
Goldman Sachs Group, Inc.	20,919		3,658,733
Invesco, Ltd.	168,614		4,043,364
Julius Baer Holding AG	32,268		2,170,255
State Street Corp.	37,610		2,406,664
T. Rowe Price Group, Inc.	134,109		7,573,135
		\$	<b>31,442,265</b>
<b>Chemicals 1.8%</b>			
E.I. Du Pont de Nemours & Co.	64,734	\$	2,776,441
Ecolab, Inc.	68,130		2,928,909
Monsanto Co.	36,773		4,649,578
PPG Industries, Inc.	48,163		2,763,111
		\$	<b>13,118,039</b>
<b>Commercial Banks 1.3%</b>			
M&T Bank Corp.	45,712	\$	3,224,524
Toronto-Dominion Bank	43,458		2,706,130
U.S. Bancorp	114,850		3,203,167
		\$	<b>9,133,821</b>
<b>Commercial Services &amp; Supplies 1.3%</b>			
Republic Services, Inc.	99,002	\$	2,940,359
Waste Management, Inc.	166,592		6,282,184
		\$	<b>9,222,543</b>
<b>Communications Equipment 3.3%</b>			

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Cisco Systems, Inc. (2)	435,388	\$	10,127,125
Juniper Networks, Inc. (2)	115,182		2,554,737
QUALCOMM, Inc.	106,448		4,723,098
Research In Motion, Ltd. (2)	47,484		5,550,880
Riverbed Technology, Inc. (2)	99,444		1,364,372
		\$	<b>24,320,212</b>

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<b>Computer Peripherals 3.9%</b>			
Apple, Inc. (2)	53,386	\$	8,938,952
Hewlett-Packard Co.	177,680		7,855,233
International Business Machines Corp.	94,858		11,243,519
		\$	<b>28,037,704</b>
<b>Construction &amp; Engineering 0.3%</b>			
Jacobs Engineering Group, Inc. (2)	29,047	\$	2,344,093
		\$	<b>2,344,093</b>
<b>Diversified Financial Services 1.2%</b>			
Citigroup, Inc.			