

Eaton Vance Enhanced Equity Income Fund

Form N-Q

February 27, 2009

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**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**  
**Form N-Q**  
**QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED**  
**MANAGEMENT INVESTMENT COMPANIES**  
**811-21614**  
**Investment Company Act File Number**  
**Eaton Vance Enhanced Equity Income Fund**  
(Exact Name of Registrant as Specified in Charter)  
The Eaton Vance Building, 255 State Street, Boston, Massachusetts 02109  
(Address of Principal Executive Offices)  
Maureen A. Gemma  
Eaton Vance Management, 255 State Street, Boston, Massachusetts 02109  
(Name and Address of Agent for Services)  
(617) 482-8260  
(Registrant's Telephone Number, Including Area Code)  
September 30  
Date of Fiscal Year End  
December 31, 2008  
Date of Reporting Period

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EX-99.CERT Section 302 Certifications

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**Item 1. Schedule of Investments**

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**Eaton Vance Enhanced Equity Income Fund**  
**PORTFOLIO OF INVESTMENTS (Unaudited)**  
**Common Stocks (1) 97.3%**

as of December 31, 2008

Security	Shares	Value
<b>Aerospace &amp; Defense 4.2%</b>		
Alliant Techsystems, Inc. (2)	15,266	\$ 1,309,212
Boeing Co. (The)	48,599	2,073,719
General Dynamics Corp.	82,801	4,768,510
Lockheed Martin Corp.	63,794	5,363,800
Precision Castparts Corp.	28,186	1,676,503
Raytheon Co.	81,034	4,135,975
United Technologies Corp.	43,549	2,334,226
		<b>\$ 21,661,945</b>
<b>Auto Components 0.5%</b>		
Johnson Controls, Inc.	155,634	\$ 2,826,313
		<b>\$ 2,826,313</b>
<b>Beverages 2.3%</b>		
Coca-Cola Co. (The)	96,827	\$ 4,383,358
PepsiCo, Inc.	141,663	7,758,883
		<b>\$ 12,142,241</b>
<b>Biotechnology 2.7%</b>		
Amgen, Inc. (2)	56,962	\$ 3,289,556
Biogen Idec, Inc. (2)	49,726	2,368,449
Cephalon, Inc. (2)	30,549	2,353,495
Genzyme Corp. (2)	48,482	3,217,750
Gilead Sciences, Inc. (2)	38,143	1,950,633
Onyx Pharmaceuticals, Inc. (2)	29,897	1,021,282
		<b>\$ 14,201,165</b>
<b>Capital Markets 3.3%</b>		
Bank of New York Mellon Corp. (The)	282,090	\$ 7,991,610
Goldman Sachs Group, Inc.	34,098	2,877,530
Julius Baer Holding AG	43,363	1,680,634
T. Rowe Price Group, Inc.	135,983	4,819,238
		<b>\$ 17,369,012</b>
<b>Chemicals 1.3%</b>		
E.I. Du Pont de Nemours & Co.	65,639	\$ 1,660,667
Ecolab, Inc.	69,082	2,428,232

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Monsanto Co.	37,287	2,623,140
		<b>\$ 6,712,039</b>
<b>Commercial Banks 1.1%</b>		
East-West Bancorp, Inc.	121,116	\$ 1,934,223
Wells Fargo & Co.	134,834	3,974,906
		<b>\$ 5,909,129</b>
<b>Commercial Services &amp; Supplies 1.1%</b>		
Waste Management, Inc.	168,921	\$ 5,598,042
		<b>\$ 5,598,042</b>
<b>Communications Equipment 3.3%</b>		
Cisco Systems, Inc. (2)	487,426	\$ 7,945,044
Juniper Networks, Inc. (2)	116,792	2,045,028
Motorola, Inc.	291,252	1,290,246
QUALCOMM, Inc.	107,936	3,867,347
Riverbed Technology, Inc. (2)	197,865	2,253,682
		<b>\$ 17,401,347</b>

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<b>Security</b>	<b>Shares</b>	<b>Value</b>
<b>Computers &amp; Peripherals 4.0%</b>		
Apple, Inc. (2)	56,018	\$ 4,781,136
Hewlett-Packard Co.	206,099	7,479,333
International Business Machines Corp.	102,175	8,599,048
		<b>\$ 20,859,517</b>
<b>Construction &amp; Engineering 0.4%</b>		
Granite Construction, Inc.	47,230	\$ 2,074,814
		<b>\$ 2,074,814</b>
<b>Consumer Finance 0.4%</b>		
Discover Financial Services	197,543	\$ 1,882,585
		<b>\$ 1,882,585</b>
<b>Diversified Financial Services 3.0%</b>		
Bank of America Corp.	345,080	\$ 4,858,726
Citigroup, Inc.	267,484	1,794,818
JPMorgan Chase & Co.	278,629	8,785,172
		<b>\$ 15,438,716</b>
<b>Diversified Telecommunication Services 3.1%</b>		
AT&T, Inc.	336,921	\$ 9,602,249
Verizon Communications, Inc.	191,391	6,488,155
		<b>\$ 16,090,404</b>
<b>Electric Utilities 2.2%</b>		
E.ON AG ADR	112,174	\$ 4,571,091
Edison International	104,787	3,365,758
FirstEnergy Corp.	68,787	3,341,672
		<b>\$ 11,278,521</b>
<b>Electrical Equipment 1.7%</b>		
Cooper Industries, Ltd., Class A	56,705	\$ 1,657,487
Emerson Electric Co.	143,092	5,238,598
Vestas Wind Systems A/S (2)	32,942	1,938,531
		<b>\$ 8,834,616</b>
<b>Electronic Equipment, Instruments &amp; Components 0.6%</b>		
Agilent Technologies, Inc. (2)	111,178	\$ 1,737,712

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IPG Photonics Corp. (2)	105,128	1,385,587
		<b>\$ 3,123,299</b>
<b>Energy Equipment &amp; Services 1.4%</b>		
Diamond Offshore Drilling, Inc.	55,533	\$ 3,273,115
Schlumberger, Ltd.	96,762	4,095,935
		<b>\$ 7,369,050</b>
<b>Food &amp; Staples Retailing 4.1%</b>		
CVS Caremark Corp.	186,401	\$ 5,357,165
Kroger Co. (The)	57,145	1,509,199
Safeway, Inc.	127,970	3,041,847
Sysco Corp.	83,247	1,909,686
Wal-Mart Stores, Inc.	167,801	9,406,924
		<b>\$ 21,224,821</b>
<b>Food Products 1.7%</b>		
Cadbury PLC ADR	77,479	\$ 2,763,676
Nestle SA ADR	150,302	5,966,989
		<b>\$ 8,730,665</b>
<b>Health Care Equipment &amp; Supplies 3.0%</b>		
Baxter International, Inc.	67,085	\$ 3,595,085
Becton, Dickinson & Co.	27,427	1,875,733
Boston Scientific Corp. (2)	254,004	1,965,991
HeartWare, Ltd. (2)	3,145,346	1,315,761
Medtronic, Inc.	88,252	2,772,878
Thoratec Corp. (2)	124,552	4,046,694
		<b>\$ 15,572,142</b>



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<b>Security</b>	<b>Shares</b>	<b>Value</b>
<b>Health Care Providers &amp; Services 1.5%</b>		
Aetna, Inc.	69,465	\$ 1,979,753
DaVita, Inc. (2)	42,012	2,082,535
Fresenius Medical Care AG & Co. KGaA ADR	29,630	1,397,943
UnitedHealth Group, Inc.	82,366	2,190,936
		<b>\$ 7,651,167</b>
<b>Hotels, Restaurants &amp; Leisure 2.1%</b>		
McDonald's Corp.	179,692	\$ 11,175,045
		<b>\$ 11,175,045</b>
<b>Household Durables 2.2%</b>		
Centex Corp.	143,187	\$ 1,523,510
D.R. Horton, Inc.	238,940	1,689,306
KB HOME	107,914	1,469,789
Lennar Corp., Class A	183,735	1,592,982
NVR, Inc. (2)	2,876	1,312,175
Pulte Homes, Inc.	155,851	1,703,451
Ryland Group, Inc.	30,019	530,436
Toll Brothers, Inc. (2)	77,847	1,668,261
		<b>\$ 11,489,910</b>
<b>Household Products 2.6%</b>		
Clorox Co.	27,075	\$ 1,504,287
Colgate-Palmolive Co.	79,610	5,456,469
Procter & Gamble Co.	105,571	6,526,399
		<b>\$ 13,487,155</b>
<b>Independent Power Producers &amp; Energy Traders 0.3%</b>		
NRG Energy, Inc. (2)	71,799	\$ 1,675,071
		<b>\$ 1,675,071</b>
<b>Industrial Conglomerates 1.6%</b>		
3M Co.	41,145	\$ 2,367,483
General Electric Co.	354,408	5,741,410
		<b>\$ 8,108,893</b>
<b>Insurance 4.1%</b>		
ACE, Ltd.	41,803	\$ 2,212,215
Aflac, Inc.	59,234	2,715,287

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Chubb Corp.	120,769	6,159,219
HCC Insurance Holdings, Inc.	75,335	2,015,211
MetLife, Inc.	78,797	2,746,863
Travelers Companies, Inc. (The)	121,823	5,506,400
		<b>\$ 21,355,195</b>
<b>Internet Software &amp; Services 1.2%</b>		
Akamai Technologies, Inc. (2)	108,909	\$ 1,643,437
Google, Inc., Class A (2)	14,646	4,505,842
		<b>\$ 6,149,279</b>
<b>IT Services 1.5%</b>		
Accenture, Ltd., Class A	58,263	\$ 1,910,444
Cognizant Technology Solutions Corp. (2)	87,813	1,585,903
MasterCard, Inc., Class A	22,625	3,233,791
Visa, Inc., Class A	23,650	1,240,443
		<b>\$ 7,970,581</b>
<b>Life Sciences Tools &amp; Services 0.9%</b>		
Thermo Fisher Scientific, Inc. (2)	137,888	\$ 4,697,844
		<b>\$ 4,697,844</b>
<b>Machinery 1.3%</b>		
Danaher Corp.	88,767	\$ 5,025,100
Illinois Tool Works, Inc.	54,265	1,901,988
		<b>\$ 6,927,088</b>
<b>Media 3.1%</b>		
Comcast Corp., Class A	652,999	\$ 11,022,623
Time Warner, Inc.	506,467	5,095,058
		<b>\$ 16,117,681</b>
<b>Metals &amp; Mining 2.4%</b>		
BHP Billiton, Ltd. ADR	22,361	\$ 959,287
Goldcorp, Inc.	306,224	9,655,243
Nucor Corp.	36,683	1,694,755
		<b>\$ 12,309,285</b>
<b>Multi-Utilities 0.8%</b>		
Public Service Enterprise Group, Inc.	140,815	\$ 4,107,574
		<b>\$ 4,107,574</b>



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<b>Security</b>	<b>Shares</b>	<b>Value</b>
<b>Oil, Gas &amp; Consumable Fuels 9.4%</b>		
Anadarko Petroleum Corp.	115,541	\$ 4,454,106
Chevron Corp.	137,917	10,201,721
ConocoPhillips	98,873	5,121,621
Exxon Mobil Corp.	182,719	14,586,458
Hess Corp.	66,577	3,571,190
Occidental Petroleum Corp.	96,629	5,796,774
Petrohawk Energy Corp. (2)	75,807	1,184,863
XTO Energy, Inc.	123,381	4,351,648
		<b>\$ 49,268,381</b>
<b>Personal Products 0.5%</b>		
Chattem, Inc. (2)	38,827	\$ 2,777,295
		<b>\$ 2,777,295</b>
<b>Pharmaceuticals 6.9%</b>		
Abbott Laboratories	121,879	\$ 6,504,682
Johnson & Johnson	195,549	11,699,697
Merck & Co., Inc.	197,628	6,007,891
Novo-Nordisk A/S, Class B	33,518	1,728,989
Pfizer, Inc.	314,275	5,565,810
Roche Holding AG	13,101	2,028,259
Schering-Plough Corp.	155,212	2,643,260
Shire PLC ADR	898	40,212
		<b>\$ 36,218,800</b>
<b>Real Estate Investment Trusts (REITs) 0.6%</b>		
AvalonBay Communities, Inc.	28,770	\$ 1,742,887
Boston Properties, Inc.	25,593	1,407,615
		<b>\$ 3,150,502</b>
<b>Road &amp; Rail 0.3%</b>		
JB Hunt Transport Services, Inc.	58,286	\$ 1,531,173
		<b>\$ 1,531,173</b>
<b>Semiconductors &amp; Semiconductor Equipment 0.7%</b>		
ASML Holding NV	195,879	\$ 3,539,534
		<b>\$ 3,539,534</b>
<b>Software 3.3%</b>		

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McAfee, Inc. (2)	66,412	\$	2,295,863
Microsoft Corp.	492,038		9,565,219
Oracle Corp. (2)	288,514		5,115,353
		\$	<b>16,976,435</b>

**Specialty Retail 2.3%**

Best Buy Co., Inc.	111,359	\$	3,130,302
Home Depot, Inc.	142,465		3,279,544
Staples, Inc.	301,409		5,401,249
		\$	<b>11,811,095</b>

**Tobacco 1.9%**

Philip Morris International, Inc.	230,897	\$	10,046,328
		\$	<b>10,046,328</b>

**Wireless Telecommunication Services 0.4%**

Rogers Communications, Inc., Class B	67,062	\$	2,017,225
		\$	<b>2,017,225</b>

**Total Common Stocks  
(identified cost \$645,740,710)**

**\$ 506,858,919**

**Investment Funds (1) 0.4%**

**Security**

**Shares**

**Value**

**Capital Markets 0.4%**

SPDR S&P Homebuilders ETF	180,024	\$	2,154,887
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**Total Investment Funds  
(identified cost \$2,502,262)**

**\$ 2,154,887**

**Short-Term Investments 4.0%**

**Description**

**Interest  
(000's omitted)**

**Value**

Cash Management Portfolio, 0.75% (3)	20,966	\$	20,965,837
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**Total Short-Term Investments  
(identified cost \$20,965,837)**

**\$ 20,965,837**

**\$ 529,979,643**

**Total Investments 101.7%**  
**(identified cost \$669,208,809)**

**Table of Contents****Covered Call Options Written (1.8)%**

<b>Security</b>	<b>Number of Contracts</b>	<b>Strike Price</b>	<b>Expiration Date</b>	<b>Value</b>
3M Co.	230	\$ 65.00	4/18/09	\$ (37,950)
Abbott Laboratories	805	60.00	1/17/09	(8,050)
Accenture, Ltd., Class A	370	35.00	2/21/09	(37,370)
ACE, Ltd.	230	50.00	2/21/09	(138,000)
Aetna, Inc.	325	35.00	1/17/09	(3,250)
Aflac, Inc.	390	45.00	2/21/09	(167,700)
Agilent Technologies, Inc.	155	22.50	2/21/09	(387)
Akamai Technologies, Inc.	70	15.00	2/21/09	(11,200)
Alliant Techsystems, Inc.	50	85.00	2/21/09	(25,500)
Amgen, Inc.	170	52.50	1/17/09	(100,300)
Anadarko Petroleum Corp.	300	35.00	2/21/09	(165,000)
Apple, Inc.	105	155.00	1/17/09	(315)
ASML Holding NV	515	17.50	1/17/09	(73,130)
AT&T, Inc.	535	29.00	1/17/09	(24,610)
AvalonBay Communities, Inc.	90	65.00	4/18/09	(81,000)
Bank of America Corp.	975	25.00	2/21/09	(975)
Bank of New York Mellon Corp. (The)	665	27.50	3/21/09	(289,275)
Baxter International, Inc.	300	65.00	1/17/09	(1,500)
Becton, Dickinson & Co.	70	65.00	3/21/09	(42,700)
Best Buy Co., Inc.	125	22.50	3/21/09	(85,000)
BHP Billiton, Ltd. ADR	25	40.00	2/21/09	(15,500)
Biogen Idec, Inc.	305	50.00	1/17/09	(24,400)
Boeing Co. (The)	260	45.00	2/21/09	(45,500)
Boston Properties, Inc.	75	70.00	1/17/09	(2,438)
Boston Scientific Corp.	1,100	10.00	2/21/09	(19,800)
Centex Corp.	225	12.50	1/17/09	(6,750)
Cephalon, Inc.	170	70.00	1/17/09	(135,830)
Chattem, Inc.	150	65.00	3/21/09	(145,500)
Chevron Corp.	755	80.00	3/21/09	(234,050)
Chubb Corp.	495	45.00	1/17/09	(321,750)
Cisco Systems, Inc.	1,245	20.00	1/17/09	(2,490)
Citigroup, Inc.	1,065	9.00	3/21/09	(50,055)
Clorox Co.	180	65.00	1/17/09	(900)
Coca-Cola Co. (The)	215	47.50	2/21/09	(27,950)
Cognizant Technology Solutions Corp.	225	17.50	1/17/09	(30,375)
Colgate-Palmolive Co.	275	65.00	2/21/09	(143,000)
ConocoPhillips	185	55.00	2/21/09	(45,325)
Cooper Industries, Ltd., Class A	75	22.50	4/18/09	(59,625)
CVS Caremark Corp.	655	30.00	2/21/09	(96,285)
D.R. Horton, Inc.	580	7.50	1/17/09	(23,200)
Danaher Corp.	160	60.00	3/21/09	(42,400)
DaVita, Inc.	290	55.00	1/17/09	(21,750)
Diamond Offshore Drilling, Inc.	200	75.00	3/21/09	(42,500)

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Discover Financial Services	940	10.00	4/18/09	(150,400)
E.I. Du Pont de Nemours & Co.	155	35.00	1/17/09	(775)
East-West Bancorp, Inc.	575	17.50	4/18/09	(89,125)
Ecolab, Inc.	445	45.00	1/17/09	(6,675)
Edison International	155	45.00	1/17/09	(775)
Emerson Electric Co.	240	35.00	3/21/09	(98,400)
Exxon Mobil Corp.	475	80.00	1/17/09	(113,050)
FirstEnergy Corp.	195	70.00	1/17/09	(975)
General Dynamics Corp.	175	60.00	2/21/09	(35,000)
General Electric Co.	165	16.00	3/21/09	(27,225)
Gilead Sciences, Inc.	195	45.00	2/21/09	(155,805)
Goldman Sachs Group, Inc.	90	140.00	1/17/09	(270)
Google, Inc., Class A	15	280.00	3/21/09	(68,775)
Granite Construction, Inc.	295	40.00	3/21/09	(233,050)
HCC Insurance Holdings, Inc.	270	25.00	2/21/09	(89,100)
Hess Corp.	115	55.00	2/21/09	(69,000)
Hewlett-Packard Co.	740	37.50	2/21/09	(133,200)
Home Depot, Inc.	645	22.50	2/21/09	(143,190)
Illinois Tool Works, Inc.	95	35.00	3/21/09	(27,075)
International Business Machines Corp.	155	95.00	1/17/09	(2,170)
IPG Photonics Corp.	505	15.00	1/17/09	(12,625)
JB Hunt Transport Services, Inc.	180	25.00	2/21/09	(54,000)
Johnson & Johnson	1,260	65.00	1/17/09	(12,600)
JPMorgan Chase & Co.	535	31.00	3/21/09	(189,925)
Juniper Networks, Inc.	325	22.50	1/17/09	(1,625)
KB Home	270	15.00	4/18/09	(62,100)
Kroger Co. (The)	425	30.00	1/17/09	(1,700)
Lennar Corp., Class A	640	10.00	2/21/09	(54,400)
Lockheed Martin Corp.	125	75.00	3/21/09	(150,000)
MasterCard, Inc., Class A	55	185.00	1/17/09	(275)
McAfee, Inc.	315	30.00	3/21/09	(185,850)
McDonald's Corp.	1,772	65.00	1/17/09	(70,880)
Medtronic, Inc.	510	55.00	1/17/09	(2,550)
Merck & Co., Inc.	375	35.00	1/17/09	(3,375)
MetLife, Inc.	180	35.00	3/21/09	(102,600)
Microsoft Corp.	1,070	25.00	1/17/09	(1,070)
Monsanto Co.	155	85.00	1/17/09	(3,720)
Motorola, Inc.	1,175	5.00	1/17/09	(9,400)
NRG Energy, Inc.	170	22.50	3/21/09	(61,200)
Nucor Corp.	65	42.50	1/17/09	(31,200)
Occidental Petroleum Corp.	475	55.00	2/21/09	(422,750)
Onyx Pharmaceuticals, Inc.	90	30.00	2/21/09	(54,900)
Oracle Corp.	895	16.00	3/21/09	(241,650)
PepsiCo, Inc.	365	55.00	1/17/09	(45,625)
Petrohawk Energy Corp.	450	17.50	3/21/09	(94,500)
Pfizer, Inc.	2,050	17.50	3/21/09	(260,350)
Philip Morris International, Inc.	1,215	45.00	3/21/09	(243,000)
Precision Castparts Corp.	45	60.00	3/21/09	(27,000)
Procter & Gamble Co.	455	62.50	1/17/09	(50,050)
Public Service Enterprise Group, Inc.	410	35.00	3/21/09	(16,400)
Pulte Homes, Inc.	520	12.50	4/18/09	(83,200)





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<b>Security</b>	<b>Number of Contracts</b>	<b>Strike Price</b>	<b>Expiration Date</b>	<b>Value</b>
QUALCOMM, Inc.	665	\$ 40.00	1/17/09	\$ (12,635)
Raytheon Co.	250	50.00	2/21/09	(82,500)
Rogers Communications, Inc., Class B	415	35.00	1/17/09	(16,600)
Ryland Group, Inc.	245	17.50	1/17/09	(36,750)
Safeway, Inc.	290	22.50	3/21/09	(76,850)
Schering-Plough Corp.	435	15.00	2/21/09	(107,880)
Schlumberger, Ltd.	180	55.00	2/21/09	(8,100)
SPDR S&P Homebuilders ETF	380	11.00	3/21/09	(76,000)
Staples, Inc.	1,460	17.50	3/21/09	(332,150)
Sysco Corp.	325	27.50	1/17/09	(1,625)
T.Rowe Price Group, Inc.	540	45.00	1/17/09	(5,400)
Thermo Fisher Scientific, Inc.	205	35.00	3/21/09	(47,150)
Toll Brothers, Inc.	225	22.50	3/21/09	(52,875)
Travelers Companies, Inc. (The)	500	35.00	1/17/09	(527,500)
United Technologies Corp.	125	55.00	2/21/09	(32,250)
UnitedHealth Group, Inc.	415	27.50	1/17/09	(32,785)
Verizon Communications, Inc.	355	32.50	1/17/09	(62,125)
Visa, Inc., Class A	100	52.50	3/21/09	(46,000)
Wal-Mart Stores, Inc.	1,185	55.00	3/21/09	(509,550)
Waste Management, Inc.	590	32.50	1/17/09	(73,750)
Wells Fargo & Co.	885	27.50	1/17/09	(309,750)
XTO Energy, Inc.	200	35.00	2/21/09	(76,400)
<b>Total Covered Call Options Written (premiums received \$15,912,606)</b>				<b>\$ (9,351,765)</b>
<b>Other Assets, Less Liabilities 0.1%</b>				<b>\$ 548,565</b>
<b>Net Assets 100.0%</b>				<b>\$ 521,176,443</b>

ADR American Depository Receipt

- (1) A portion of each security has been segregated as collateral for options written.
- (2) Non-income producing security.
- (3) 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 December 31, 2008. Net income allocated from the investment in Cash Management Portfolio for the fiscal year to date ended December 31, 2008 was \$113,394.



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

<b>Aggregate cost</b>	<b>\$ 669,381,084</b>
Gross unrealized appreciation	\$ 10,225,235
Gross unrealized depreciation	(149,626,676)
<b>Net unrealized depreciation</b>	<b>\$ (139,401,441)</b>

Written call options activity for the fiscal year to date ended December 31, 2008 was as follows:

	<b>Number of Contracts</b>	<b>Premiums Received</b>
Outstanding, beginning of period	71,566	\$ 16,431,873
Options written	55,980	16,808,790
Options terminated in closing purchase transactions	(67,499)	(16,481,510)
Options expired	(11,480)	(846,547)
<b>Outstanding, end of period</b>	<b>48,567</b>	<b>\$ 15,912,606</b>

At December 31, 2008, the Fund had sufficient cash and/or securities to cover commitments under these contracts. The Fund adopted Financial Accounting Standards Board Statement of Financial Accounting Standards No. 157 (FAS 157), Fair Value Measurements, effective October 1, 2008. FAS 157 established a three-tier hierarchy to prioritize the assumptions, referred to as inputs, used in valuation techniques to measure fair value. The three-tier hierarchy of inputs is summarized in the three broad levels listed below.

Level 1 quoted prices in active markets for identical investments

Level 2 other significant observable inputs (including quoted prices for similar investments, interest rates, prepayment speeds, credit risk, etc.)

Level 3 significant unobservable inputs (including a fund's own assumptions in determining the fair value of investments)

The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities.

At December 31, 2008, the inputs used in valuing the Fund's investments, which are carried at value, were as follows:

	<b>Valuation Inputs</b>	<b>Investments in Securities</b>	<b>Other Financial Instruments *</b>
Level 1	Quoted Prices	\$ 501,637,394	\$ (9,351,765)
Level 2	Other Significant Observable Inputs	28,342,249	
Level 3	Significant Unobservable Inputs		
<b>Total</b>		<b>\$ 529,979,643</b>	<b>\$ (9,351,765)</b>

\* Other financial instruments include written call options.

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The Fund held no investments or other financial instruments as of September 30, 2008 whose fair value was determined using Level 3 inputs.

For information on the Fund's policy regarding valuation of investments and other significant accounting policies, please refer to the Fund's most recent financial statements included in its semiannual or annual report to shareholders.

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**Item 2. Controls and Procedures**

(a) It is the conclusion of the registrant's principal executive officer and principal financial officer that the effectiveness of the registrant's current disclosure controls and procedures (such disclosure controls and procedures having been evaluated within 90 days of the date of this filing) provide reasonable assurance that the information required to be disclosed by the registrant on this Form N-Q has been recorded, processed, summarized and reported within the time period specified in the Commission's rules and forms and that the information required to be disclosed by the registrant on this Form N-Q has been accumulated and communicated to the registrant's principal executive officer and principal financial officer in order to allow timely decisions regarding required disclosure.

(b) There have been no changes in the registrant's internal controls over financial reporting during the fiscal quarter for which the report is being filed that have materially affected, or are reasonably likely to materially affect the registrant's internal control over financial reporting.

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**Signatures**

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

**Eaton Vance Enhanced Equity Income Fund**

By: /s/ Duncan W. Richardson

Duncan W. Richardson  
President

Date: February 25, 2009

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By: /s/ Duncan W. Richardson

Duncan W. Richardson  
President

Date: February 25, 2009

By: /s/ Barbara E. Campbell

Barbara E. Campbell  
Treasurer

Date: February 25, 2009