Eaton Vance Enhanced Equity Income Fund Form N-Q February 27, 2014

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)

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, Including Area Code)

September 30

Date of Fiscal Year End

December 31, 2013

Date of Reporting Period

Item 1. Schedule of Investments

Eaton Vance

Enhanced Equity Income Fund

December 31, 2013

PORTFOLIO OF INVESTMENTS (Unaudited)

Common Stocks 99.5%)

Acrospace & Defense 2.8% 5,260,303 5,000,305	Security	Shares		Value	
United Technologies Corp. 55,552 6,321,818 Air Freight & Logistics 0.9% C.H. Robinson Worldwide, Inc. 90,776 \$ 5,295,872 Auto Components 0.3% TRW Automotive Holdings Corp. ⁽²⁾ 22,026 \$ 1,638,514 Automobiles 0.7% Honda Motor Co., Ltd. 93,744 \$ 3,869,480 Beverages 2.1% Beum, Inc. 7 6,823 \$ 5,228,573 PepsiCo, Inc. 82,165 6,814,765 Biotechnology 4.2% Biotechnology 4.2% Biotechnology 6.2% Biotechnology 6.2% <td rows<="" td=""><td>Aerospace & Defense 2.8%</td><td></td><td></td><td></td></td>	<td>Aerospace & Defense 2.8%</td> <td></td> <td></td> <td></td>	Aerospace & Defense 2.8%			
Same			\$		
Air Freight & Logistics 0.9% C.H. Robinson Worldwide, Inc. 90,776 \$ 5,295,872 Auto Components 0.3% TRW Automotive Holdings Corp. 20 \$ 1,638,514 Automobiles 0.7% Honda Motor Co., Ltd. 93,744 \$ 3,869,480 Beverages 2.1% Beam, Inc. 76,823 \$ 5,228,573 PepsiCo, Inc. 82,165 6,814,765 Biotechnology 4.2% Biogen Idec, Inc. 20 \$ 10,017,638 Gilead Sciences, Inc. 20 \$ 10,017,638 Gilead Sciences, Inc. 20 \$ 23,946,208 Capital Markets 1.5% Charles Schwab Corp. (The) 124,177 \$ 3,228,602 Morgan Stanley 173,957 5,455,292 Beom, Inc. 173,957 5,455,292 Book 173,957 173,957 5,455,292 Book 174,977 173,957 5,455,292	United Technologies Corp.	55,552		6,321,818	
Air Freight & Logistics 0.9% C.H. Robinson Worldwide, Inc. 90,776 \$ 5,295,872 Auto Components 0.3% TRW Automotive Holdings Corp. 20 \$ 1,638,514 Automobiles 0.7% Honda Motor Co., Ltd. 93,744 \$ 3,869,480 Beverages 2.1% Beam, Inc. 76,823 \$ 5,228,573 PepsiCo, Inc. 82,165 6,814,765 Biotechnology 4.2% Biogen Idec, Inc. 20 \$ 10,017,638 Gilead Sciences, Inc. 20 \$ 10,017,638 Gilead Sciences, Inc. 20 \$ 23,946,208 Capital Markets 1.5% Charles Schwab Corp. (The) 124,177 \$ 3,228,602 Morgan Stanley 173,957 5,455,292 Beom, Inc. 173,957 5,455,292 Book 173,957 173,957 5,455,292 Book 174,977 173,957 5,455,292					
C.H. Robinson Worldwide, Inc. 90,776 \$ 5,295,872 ****S,295,872*** ****Auto Components 0.3%** TRW Automotive Holdings Corp. 20 \$ 1,638,514 ****Automobiles 0.7%** Honda Motor Co., Ltd. 93,744 \$ 3,869,480 ****Beverages 2.1%** Beam, Inc. 76,823 \$ 5,228,573 PepsiCo, Inc. 82,165 6,814,765 ****Biogen Idee, Inc. 20 \$ 1,372,733 Celgene Corp. 20 \$ 59,290 10,017,638 Gilead Sciences, Inc. 20 \$ 167,077 12,555,837 ****Capital Markets 1.5%** Charles Schwab Corp. (The) 124,177 \$ 3,228,602 Morgan Stanley 173,957 5,455,292 ******Enemicals 3.0%** Chemicals 3.0%**			\$	15,587,851	
C.H. Robinson Worldwide, Inc. 90,776 \$ 5,295,872 ****S,295,872*** ****Auto Components 0.3%** TRW Automotive Holdings Corp. 20 \$ 1,638,514 ****Automobiles 0.7%** Honda Motor Co., Ltd. 93,744 \$ 3,869,480 ****Beverages 2.1%** Beam, Inc. 76,823 \$ 5,228,573 PepsiCo, Inc. 82,165 6,814,765 ****Biogen Idee, Inc. 20 \$ 1,372,733 Celgene Corp. 20 \$ 59,290 10,017,638 Gilead Sciences, Inc. 20 \$ 167,077 12,555,837 ****Capital Markets 1.5%** Charles Schwab Corp. (The) 124,177 \$ 3,228,602 Morgan Stanley 173,957 5,455,292 ******Enemicals 3.0%** Chemicals 3.0%**					
Auto Components 0.3%					
Auto Components 0.3% TRW Automotive Holdings Corp.(2) 22,026 \$ 1,638,514 Automobiles 0.7% Honda Motor Co., Ltd. 93,744 \$ 3,869,480 Beverages 2.1% Beam, Inc. 76,823 \$ 5,228,573 PepsiCo, Inc. 82,165 6,814,765 Beam, Inc. 76,823 \$ 5,228,573 PepsiCo, Inc. 82,165 6,814,765 Biotechnology 4.2% Biotech	C.H. Robinson Worldwide, Inc.	90,776	\$	5,295,872	
Auto Components 0.3% TRW Automotive Holdings Corp.(2) 22,026 \$ 1,638,514 Automobiles 0.7% Honda Motor Co., Ltd. 93,744 \$ 3,869,480 Beverages 2.1% Beam, Inc. 76,823 \$ 5,228,573 PepsiCo, Inc. 82,165 6,814,765 Beam, Inc. 76,823 \$ 5,228,573 PepsiCo, Inc. 82,165 6,814,765 Biotechnology 4.2% Biotech					
TRW Automotive Holdings Corp. (2) 22,026 \$ 1,638,514 Lattomobiles 0.7% Honda Motor Co., Ltd. 93,744 \$ 3,869,480 Beverages 2.1% Beam, Inc. 76,823 \$ 5,228,573 PepsiCo, Inc. 82,165 6,814,765 Biotechnology 4.2% Biotechnology 4.2% Biotechnology 4.2% Biotechnology 4.2% Biotechnology 4.2% Capital Markets 1.5% Capital Markets 1.5% Charles Schwab Corp. (The) 124,177 \$ 3,228,602 Morgan Stanley 173,957 5,455,292 \$ 8,683,894 Chemicals 3.0%			\$	5,295,872	
TRW Automotive Holdings Corp. (2) 22,026 \$ 1,638,514 Lattomobiles 0.7% Honda Motor Co., Ltd. 93,744 \$ 3,869,480 Beverages 2.1% Beam, Inc. 76,823 \$ 5,228,573 PepsiCo, Inc. 82,165 6,814,765 Biotechnology 4.2% Biotechnology 4.2% Biotechnology 4.2% Biotechnology 4.2% Biotechnology 4.2% Capital Markets 1.5% Capital Markets 1.5% Charles Schwab Corp. (The) 124,177 \$ 3,228,602 Morgan Stanley 173,957 5,455,292 \$ 8,683,894 Chemicals 3.0%					
\$ 1,638,514					
Automobiles 0.7% Honda Motor Co., Ltd. 93,744 \$ 3,869,480 Beverages 2.1% Beam, Inc. 76,823 \$ 5,228,573 PepsiCo, Inc. 82,165 6,814,765 Biotechnology 4.2% Biogen Idec, Inc. 9,20 1,017,638 Glead Sciences, Inc. 167,077 12,555,837 Capital Markets 1.5% Charles Schwab Corp. (The) Morgan Stanley 173,957 5,455,292 \$ 8,683,894 Chemicals 3.0%	TRW Automotive Holdings Corp. (2)	22,026	\$	1,638,514	
Automobiles 0.7% Honda Motor Co., Ltd. 93,744 \$ 3,869,480 Beverages 2.1% Beam, Inc. 76,823 \$ 5,228,573 PepsiCo, Inc. 82,165 6,814,765 Biotechnology 4.2% Biogen Idec, Inc. 9,20 1,017,638 Glead Sciences, Inc. 167,077 12,555,837 Capital Markets 1.5% Charles Schwab Corp. (The) Morgan Stanley 173,957 5,455,292 \$ 8,683,894 Chemicals 3.0%					
Honda Motor Co., Ltd. 93,744 \$ 3,869,480 Beverages 2.1% T6,823 \$ 5,228,573 Beam, Inc. 76,823 \$ 5,228,573 PepsiCo, Inc. 82,165 6,814,765 Biotechnology 4.2% Biotechnology 4.2% 4,907 \$ 1,372,733 Celgene Corp. ⁽²⁾ 59,290 10,017,638 Gilead Sciences, Inc. ⁽²⁾ 167,077 12,555,837 Capital Markets 1.5% Charles Schwab Corp. (The) 124,177 \$ 3,228,602 Morgan Stanley 173,957 5,455,292 Chemicals 3.0% 5 6,833,894			\$	1,638,514	
Honda Motor Co., Ltd. 93,744 \$ 3,869,480 Beverages 2.1% T6,823 \$ 5,228,573 Beam, Inc. 76,823 \$ 5,228,573 PepsiCo, Inc. 82,165 6,814,765 Biotechnology 4.2% Biotechnology 4.2% 4,907 \$ 1,372,733 Celgene Corp. ⁽²⁾ 59,290 10,017,638 Gilead Sciences, Inc. ⁽²⁾ 167,077 12,555,837 Capital Markets 1.5% Charles Schwab Corp. (The) 124,177 \$ 3,228,602 Morgan Stanley 173,957 5,455,292 Chemicals 3.0% 5 6,833,894					
8 3,869,480 Beverages 2.1% 8 5,228,573 PepsiCo, Inc. 76,823 \$ 5,228,573 6,814,765 PepsiCo, Inc. \$ 12,043,338 Biotechnology 4.2% Biogen Idec, Inc. ⁽²⁾ 4,907 \$ 1,372,733 Celgene Corp. ⁽²⁾ 59,290 10,017,638 Gilead Sciences, Inc. ⁽²⁾ 167,077 12,555,837 Capital Markets 1.5% \$ 23,946,208 Charles Schwab Corp. (The) 124,177 \$ 3,228,602 Morgan Stanley 173,957 5,455,292 Chemicals 3.0% \$ 8,683,894	Automobiles 0.7%				
Beverages 2.1% Beam, Inc. 76,823 \$ 5,228,573 PepsiCo, Inc. 82,165 6,814,765 Biotechnology 4.2% Biogen Idec, Inc. ⁽²⁾ 4,907 \$ 1,372,733 Celgene Corp. ⁽²⁾ 59,290 10,017,638 Gilead Sciences, Inc. ⁽²⁾ 167,077 12,555,837 Capital Markets 1.5% Charles Schwab Corp. (The) 124,177 \$ 3,228,602 Morgan Stanley 173,957 5,455,292 Chemicals 3.0%	Honda Motor Co., Ltd.	93,744	\$	3,869,480	
Beverages 2.1% Beam, Inc. 76,823 \$ 5,228,573 PepsiCo, Inc. 82,165 6,814,765 Biotechnology 4.2% Biogen Idec, Inc. ⁽²⁾ 4,907 \$ 1,372,733 Celgene Corp. ⁽²⁾ 59,290 10,017,638 Gilead Sciences, Inc. ⁽²⁾ 167,077 12,555,837 Capital Markets 1.5% Charles Schwab Corp. (The) 124,177 \$ 3,228,602 Morgan Stanley 173,957 5,455,292 Chemicals 3.0%					
Beam, Inc. 76,823 \$ 5,228,573 PepsiCo, Inc. 82,165 6,814,765 Biotechnology 4.2% Biogen Idec, Inc. ⁽²⁾ 4,907 \$ 1,372,733 Celgene Corp. ⁽²⁾ 59,290 10,017,638 Gilead Sciences, Inc. ⁽²⁾ 167,077 12,555,837 Capital Markets 1.5% Charles Schwab Corp. (The) 124,177 \$ 3,228,602 Morgan Stanley 173,957 5,455,292 Chemicals 3.0%			\$	3,869,480	
Beam, Inc. 76,823 \$ 5,228,573 PepsiCo, Inc. 82,165 6,814,765 Biotechnology 4.2% Biogen Idec, Inc. ⁽²⁾ 4,907 \$ 1,372,733 Celgene Corp. ⁽²⁾ 59,290 10,017,638 Gilead Sciences, Inc. ⁽²⁾ 167,077 12,555,837 Capital Markets 1.5% Charles Schwab Corp. (The) 124,177 \$ 3,228,602 Morgan Stanley 173,957 5,455,292 Chemicals 3.0%					
PepsiCo, Inc. 82,165 6,814,765 Biotechnology 4.2% Biogen Idec, Inc. ⁽²⁾ 4,907 \$ 1,372,733 Celgene Corp. ⁽²⁾ 59,290 10,017,638 Gilead Sciences, Inc. ⁽²⁾ 167,077 12,555,837 Capital Markets 1.5% Charles Schwab Corp. (The) 124,177 \$ 3,228,602 Morgan Stanley 173,957 5,455,292 Chemicals 3.0%					
Silvechnology 4.2%			\$		
Biotechnology 4.2% Biogen Idec, Inc. (2) 4,907 \$ 1,372,733 Celgene Corp. (2) 59,290 10,017,638 Gilead Sciences, Inc. (2) 167,077 12,555,837 Capital Markets 1.5% Charles Schwab Corp. (The) 124,177 \$ 3,228,602 Morgan Stanley 173,957 5,455,292 S,683,894	PepsiCo, Inc.	82,165		6,814,765	
Biotechnology 4.2% Biogen Idec, Inc. (2) 4,907 \$ 1,372,733 Celgene Corp. (2) 59,290 10,017,638 Gilead Sciences, Inc. (2) 167,077 12,555,837 Capital Markets 1.5% Charles Schwab Corp. (The) 124,177 \$ 3,228,602 Morgan Stanley 173,957 5,455,292 S,683,894					
Biogen Idec, Inc. (2) 4,907 \$ 1,372,733 Celgene Corp. (2) 59,290 10,017,638 Gilead Sciences, Inc. (2) 167,077 12,555,837 Capital Markets 1.5% Charles Schwab Corp. (The) 124,177 \$ 3,228,602 Morgan Stanley 173,957 5,455,292 Chemicals 3.0%			\$	12,043,338	
Biogen Idec, Inc. (2) 4,907 \$ 1,372,733 Celgene Corp. (2) 59,290 10,017,638 Gilead Sciences, Inc. (2) 167,077 12,555,837 Capital Markets 1.5% Charles Schwab Corp. (The) 124,177 \$ 3,228,602 Morgan Stanley 173,957 5,455,292 Chemicals 3.0%					
Celgene Corp. (2) 59,290 10,017,638 Gilead Sciences, Inc. (2) 167,077 12,555,837 Capital Markets 1.5% Charles Schwab Corp. (The) 124,177 \$ 3,228,602 Morgan Stanley 173,957 5,455,292 Chemicals 3.0%					
Gilead Sciences, Inc. ⁽²⁾ 167,077 12,555,837 \$ 23,946,208 Capital Markets 1.5% Charles Schwab Corp. (The) Morgan Stanley 124,177 3,228,602 173,957 5,455,292 Chemicals 3.0%	Biogen Idec, Inc. ⁽²⁾		\$		
\$ 23,946,208 Capital Markets 1.5% Charles Schwab Corp. (The) 124,177 \$ 3,228,602 Morgan Stanley 173,957 5,455,292 \$ 8,683,894 Chemicals 3.0%					
Capital Markets 1.5% Charles Schwab Corp. (The) 124,177 \$ 3,228,602 Morgan Stanley 173,957 5,455,292 S,683,894 Chemicals 3.0%	Gilead Sciences, Inc. (2)	167,077		12,555,837	
Capital Markets 1.5% Charles Schwab Corp. (The) 124,177 \$ 3,228,602 Morgan Stanley 173,957 5,455,292 S,683,894 Chemicals 3.0%					
Charles Schwab Corp. (The) 124,177 \$ 3,228,602 Morgan Stanley 173,957 5,455,292 Chemicals 3.0% \$ 8,683,894			\$	23,946,208	
Charles Schwab Corp. (The) 124,177 \$ 3,228,602 Morgan Stanley 173,957 5,455,292 Chemicals 3.0% \$ 8,683,894					
Morgan Stanley 173,957 5,455,292 \$ 8,683,894 Chemicals 3.0%				2 2 2 2 2 2 2	
\$ 8,683,894 Chemicals 3.0%			\$		
Chemicals 3.0%	worgan Stanley	1/3,95/		3,433,292	
Chemicals 3.0%			ф	0.602.004	
			\$	8,683,894	
Lyondeli Baseli Industries NV, Class A 66,610 \$ 5,347,451		(((10	Ф	5 2 4 7 4 5 1	
	Lyonden Dasen industries INV, Class A	010,00	Э	3,347,431	

Edgar Filing: Eaton Vance Enhanced Equity Income Fund - Form N-Q

Monsanto Co.	51,013	5	,945,565
PPG Industries, Inc.	30,326	5	5,751,629
	\$	17	,044,645
Commercial Banks 2.3%			
Regions Financial Corp.	665,795 \$	6	5,584,713
SunTrust Banks, Inc.	174,946		,439,762
	\$	13	3,024,475
			, , .
Communications Equipment 1.5%			
QUALCOMM, Inc.	116,973 \$	8	3,685,245
(0.1.2.0.0.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.			, , , , , , , , , ,
	\$	8	3,685,245
	Ψ	U	,005,245
Computers & Peripherals 3.5%			
Apple, Inc.	35,845 \$	20	,112,988
Apple, me.	33,0τ3 ψ	20	,112,700
	\$	20	,112,988
	φ	20	,112,700
C			
Consumer Finance 1.9%	115,735 \$, 1 <i>0</i>	500 627
American Express Co.	115,735 \$	10	,500,637
	d	. 40	
	\$	10	,500,637

Security	Shares	_	Value
Security Diversified Financial Services 5.7%	Shares		v aiue
Bank of America Corp.	643,827	\$	10,024,386
Citigroup, Inc.	200,222		10,433,569
JPMorgan Chase & Co.	207,577		12,139,103
		\$	32,597,058
Diversified Telecommunication Services 1.4%			
AT&T, Inc.	146,077	\$	5,136,068
Verizon Communications, Inc.	58,473	Ψ	2,873,363
·	,		
		\$	8,009,431
Electric Utilities 1.7%			
Duke Energy Corp.	39,667	\$	2,737,420
Edison International	57,971		2,684,057
NextEra Energy, Inc.	51,183		4,382,288
		\$	9,803,765
Electrical Equipment 3.1%			
Emerson Electric Co.	165,838	\$	11,638,511
Rockwell Automation, Inc.	50,316		5,945,338
		\$	17,583,849
Electronic Equipment, Instruments & Components 2.3%			
Corning, Inc.	725,131	\$	12,921,834
	,		
		\$	12,921,834
Energy Equipment & Services 1.5%			
Cameron International Corp. (2)	43,574	\$	2,593,960
FMC Technologies, Inc. ⁽²⁾	55,300		2,887,213
Halliburton Co.	55,286		2,805,765
		\$	8,286,938
Food & Staples Retailing 1.0%			
Costco Wholesale Corp.	48,706	\$	5,796,501
		Ф	5,796,501
		\$	3,790,501
Food Products 3.1%			0.101.555
Hershey Co. (The) Mandalas International Inc. Class A	86,441	\$	8,404,658
Mondelez International, Inc., Class A	253,532		8,949,680
		\$	17,354,338
Health Care Equipment & Supplies 2.1%			
Abbott Laboratories	173,216	\$	6,639,369
Covidien PLC	73,671	Ψ	5,016,995
		\$	11,656,364
		Φ	11,050,504

Edgar Filing: Eaton Vance Enhanced Equity Income Fund - Form N-Q

Health Care Providers & Services 1.3%			
Express Scripts Holding Co. (2)	101,550	\$	7,132,872
		\$	7,132,872
Hotels, Restaurants & Leisure 0.9%			
McDonald s Corp.	51,316	\$	4,979,191
		\$	4,979,191
Household Products 1.4%			
Procter & Gamble Co.	100,279	\$	8,163,713
		\$	8,163,713
		\$	8,163,713
Industrial Conglomerates 1.1%		\$	8,163,713
Industrial Conglomerates 1.1% Danaher Corp.	77,413	\$	
Industrial Conglomerates 1.1% Danaher Corp.	77,413		8,163,713 5,976,284
-	77,413	\$	5,976,284
	77,413		
Danaher Corp.	77,413	\$	5,976,284
Danaher Corp. Insurance 3.5%		\$	5,976,284 5,976,284
Danaher Corp.	77,413 55,229 102,725	\$	5,976,284
Insurance 3.5% ACE, Ltd.	55,229	\$	5,976,284 5,976,284 5,717,858

2

Security Internet & Catalog Retail 4.0%	Shares		Value
Internet & Catalog Retail 4.0% Amazon.com, Inc. ⁽²⁾	33,219	\$	13,247,405
Netflix, Inc. (2)	25,573	Ψ	9,415,211
			2,120,222
		\$	22,662,616
I.A			
Internet Software & Services 7.4% eBay, Inc. ⁽²⁾	160,373	¢	9 900 974
Facebook, Inc., Class A ⁽²⁾	121,805	\$	8,802,874 6,657,861
Google, Inc., Class A ⁽²⁾	23,636		26,489,102
0008.0, 110, 01100.11	25,000		20,102,102
		\$	41,949,837
TT 0			
IT Services 2.7%	70.225	¢.	5 774 701
Accenture PLC, Class A Visa, Inc., Class A	70,235 43,085	\$	5,774,721 9,594,168
Visa, IIIC., Class A	45,065		9,394,100
		\$	15,368,889
Machinery 1.0%			
Deere & Co.	61,119	\$	5,581,998
		ф	F F01 000
		\$	5,581,998
Media 2.6%			
Lions Gate Entertainment Corp.	149,662	\$	4,738,299
Walt Disney Co. (The)	131,342		10,034,529
		ф	14 == 2 020
		\$	14,772,828
Metals & Mining 0.8%			
Freeport-McMoRan Copper & Gold, Inc.	119,266	\$	4,501,099
		\$	4,501,099
Multi-Utilities 1.0%			
Sempra Energy	65,881	\$	5,913,479
Surptu Ellergy	00,001	Ψ	0,510,175
		\$	5,913,479
Multiline Retail 2.3%	107.014		
Dollar General Corp. (2)	105,014	\$	6,334,444
Macy s, Inc.	127,697		6,819,020
		\$	13,153,464
		7	-,,
Oil, Gas & Consumable Fuels 8.6%			
Chevron Corp.	48,079	\$	6,005,548
Concho Resources, Inc. (2)			