

Eaton Vance Enhanced Equity Income Fund II  
Form N-Q  
November 27, 2012

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

**Washington, D.C. 20549**

**Form N-Q**

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

**811-21670**

**Investment Company Act File Number**

**Eaton Vance Enhanced Equity Income Fund II**

(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)

December 31

Date of Fiscal Year End

September 30, 2012

Date of Reporting Period

**Item 1. Schedule of Investments**

**Eaton Vance****Enhanced Equity Income Fund II**

September 30, 2012

**PORTFOLIO OF INVESTMENTS (Unaudited)****Common Stocks 100.0%**

<b>Security</b>	<b>Shares</b>	<b>Value</b>
<b>Aerospace &amp; Defense 2.6%</b>		
Boeing Co. (The)	102,686	\$ 7,148,999
United Technologies Corp.	110,273	8,633,273
		<b>\$ 15,782,272</b>
<b>Air Freight &amp; Logistics 0.7%</b>		
United Parcel Service, Inc., Class B	61,728	\$ 4,417,873
		<b>\$ 4,417,873</b>
<b>Beverages 4.1%</b>		
Beam, Inc.	87,921	\$ 5,058,974
Coca-Cola Co. (The)	517,026	19,610,796
		<b>\$ 24,669,770</b>
<b>Biotechnology 3.7%</b>		
Celgene Corp. <sup>(2)</sup>	114,686	\$ 8,762,010
Gilead Sciences, Inc. <sup>(2)</sup>	154,526	10,249,710
Vertex Pharmaceuticals, Inc. <sup>(2)</sup>	59,344	3,320,297
		<b>\$ 22,332,017</b>
<b>Capital Markets 0.5%</b>		
Walter Investment Management Corp.	76,712	\$ 2,839,111
		<b>\$ 2,839,111</b>
<b>Chemicals 4.3%</b>		
Air Products and Chemicals, Inc.	45,828	\$ 3,789,976
Ecolab, Inc.	110,560	7,165,393
LyondellBasell Industries NV, Class A	65,442	3,380,734
Monsanto Co.	124,971	11,374,860
		<b>\$ 25,710,963</b>
<b>Commercial Banks 3.3%</b>		
BankUnited, Inc.	299,875	\$ 7,379,924
KeyCorp	386,610	3,378,971
PNC Financial Services Group, Inc.	49,540	3,125,974
Wells Fargo & Co.	170,523	5,888,159

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			<b>\$ 19,773,028</b>
<b>Communications Equipment 3.0%</b>			
QUALCOMM, Inc.	289,528	\$	18,092,605
			<b>\$ 18,092,605</b>
<b>Computers &amp; Peripherals 9.4%</b>			
Apple, Inc.	74,346	\$	49,608,112
EMC Corp. <sup>(2)</sup>	265,356		7,236,258
			<b>\$ 56,844,370</b>
<b>Consumer Finance 1.2%</b>			
American Express Co.	123,410	\$	7,017,093
			<b>\$ 7,017,093</b>
<b>Diversified Telecommunication Services 1.0%</b>			
CenturyLink, Inc.	80,433	\$	3,249,493
Verizon Communications, Inc.	67,343		3,068,821
			<b>\$ 6,318,314</b>

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Security	Shares	Value
<b>Energy Equipment &amp; Services 2.1%</b>		
Halliburton Co.	127,440	\$ 4,293,454
Schlumberger, Ltd.	113,844	8,234,336
		<b>\$ 12,527,790</b>
<b>Food &amp; Staples Retailing 1.1%</b>		
Costco Wholesale Corp.	69,157	\$ 6,924,345
		<b>\$ 6,924,345</b>
<b>Food Products 1.0%</b>		
Hershey Co. (The)	21,441	\$ 1,519,953
Kraft Foods, Inc., Class A	38,074	1,574,360
Mead Johnson Nutrition Co.	39,347	2,883,348
		<b>\$ 5,977,661</b>
<b>Health Care Equipment &amp; Supplies 1.7%</b>		
Covidien PLC	111,929	\$ 6,650,821
Varian Medical Systems, Inc. <sup>(2)</sup>	64,178	3,871,217
		<b>\$ 10,522,038</b>
<b>Health Care Providers &amp; Services 1.1%</b>		
Express Scripts Holding Co. <sup>(2)</sup>	109,133	\$ 6,839,365
		<b>\$ 6,839,365</b>
<b>Hotels, Restaurants &amp; Leisure 1.9%</b>		
McDonald's Corp.	127,409	\$ 11,689,776
		<b>\$ 11,689,776</b>
<b>Household Products 1.7%</b>		
Colgate-Palmolive Co.	98,091	\$ 10,517,317
		<b>\$ 10,517,317</b>
<b>Industrial Conglomerates 2.2%</b>		
Danaher Corp.	237,462	\$ 13,096,029
		<b>\$ 13,096,029</b>
<b>Internet &amp; Catalog Retail 2.9%</b>		
Amazon.com, Inc. <sup>(2)</sup>	69,039	\$ 17,557,998
		<b>\$ 17,557,998</b>
<b>Internet Software &amp; Services 8.4%</b>		
Brightcove, Inc. <sup>(2)</sup>	75,700	\$ 884,176
eBay, Inc. <sup>(2)</sup>	217,809	10,544,134
Equinix, Inc. <sup>(2)</sup>	21,622	4,455,213
Google, Inc., Class A <sup>(2)</sup>	30,660	23,132,970
Rackspace Hosting, Inc. <sup>(2)</sup>	52,638	3,478,845

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VeriSign, Inc. <sup>(2)</sup>	163,990	7,984,673
		<b>\$ 50,480,011</b>
<b>IT Services 6.0%</b>		
Accenture PLC, Class A	149,846	\$ 10,493,715
International Business Machines Corp.	123,079	25,532,739
		<b>\$ 36,026,454</b>
<b>Life Sciences Tools &amp; Services 0.5%</b>		
Agilent Technologies, Inc.	75,945	\$ 2,920,085
		<b>\$ 2,920,085</b>
<b>Machinery 1.9%</b>		
Deere & Co.	103,764	\$ 8,559,492
Timken Co. (The)	74,542	2,769,981
		<b>\$ 11,329,473</b>

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Security	Shares	Value
<b>Media 2.4%</b>		
Comcast Corp., Class A	171,907	\$ 6,149,113
Lions Gate Entertainment Corp. <sup>(2)</sup>	140,617	2,147,222
Walt Disney Co. (The)	122,883	6,424,323
		<b>\$ 14,720,658</b>
<b>Metals &amp; Mining 0.4%</b>		
Cliffs Natural Resources, Inc.	69,504	\$ 2,719,691
		<b>\$ 2,719,691</b>
<b>Multiline Retail 3.7%</b>		
Dollar General Corp. <sup>(2)</sup>	199,170	\$ 10,265,222
Macy's, Inc.	192,125	7,227,742
Target Corp.	73,031	4,635,278
		<b>\$ 22,128,242</b>
<b>Oil, Gas &amp; Consumable Fuels 4.3%</b>		
Apache Corp.	43,930	\$ 3,798,627
ConocoPhillips	64,100	3,665,238
Exxon Mobil Corp.	106,736	9,761,007
Phillips 66	29,550	1,370,234
Range Resources Corp.	103,940	7,262,288
		<b>\$ 25,857,394</b>
<b>Pharmaceuticals 4.9%</b>		
Abbott Laboratories	150,271	\$ 10,302,580
Perrigo Co.	53,249	6,185,936
Shire PLC ADR	60,628	5,377,703
Watson Pharmaceuticals, Inc. <sup>(2)</sup>	92,729	7,896,802
		<b>\$ 29,763,021</b>
<b>Road &amp; Rail 2.0%</b>		
Kansas City Southern	112,904	\$ 8,555,865
Union Pacific Corp.	28,341	3,364,077
		<b>\$ 11,919,942</b>
<b>Semiconductors &amp; Semiconductor Equipment 1.4%</b>		
Analog Devices, Inc.	79,170	\$ 3,102,672
Broadcom Corp., Class A <sup>(2)</sup>	47,315	1,636,153
Cirrus Logic, Inc. <sup>(2)</sup>	56,625	2,173,834
Cypress Semiconductor Corp. <sup>(2)</sup>	174,286	1,868,346
		<b>\$ 8,781,005</b>
<b>Software 5.2%</b>		
Microsoft Corp.	637,001	\$ 18,969,890
Nuance Communications, Inc. <sup>(2)</sup>	115,014	2,862,698
Oracle Corp.	312,254	9,832,879

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		<b>\$ 31,665,467</b>
<b>Specialty Retail 4.7%</b>		
GNC Holdings, Inc., Class A	195,433	\$ 7,616,024
Home Depot, Inc. (The)	83,834	5,061,059
TJX Companies, Inc. (The)	143,018	6,405,776
Urban Outfitters, Inc. <sup>(2)</sup>	240,312	9,026,119
		<b>\$ 28,108,978</b>
<b>Textiles, Apparel &amp; Luxury Goods 1.1%</b>		
NIKE, Inc., Class B	67,493	\$ 6,405,761
		<b>\$ 6,405,761</b>

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Security	Shares	Value
<b>Tobacco 3.6%</b>		
Philip Morris International, Inc.	238,972	\$ 21,493,142
		<b>\$ 21,493,142</b>

**Total Common Stocks**  
(identified cost \$426,058,249) **\$ 603,769,059**

**Short-Term Investments 1.6%**

Description	Interest (000 s omitted)	Value
Eaton Vance Cash Reserves Fund, LLC, 0.12% <sup>(3)</sup>	\$ 10,138	\$ 10,138,185

**Total Short-Term Investments**  
(identified cost \$10,138,185) **\$ 10,138,185**

**Total Investments 101.6%**  
(identified cost \$436,196,434) **\$ 613,907,244**

**Covered Call Options Written (1.6)%**

Security	Number of Contracts	Strike Price	Expiration Date	Value
Abbott Laboratories	1,145	\$ 70.00	11/17/12	\$ (81,868)
Accenture PLC, Class A	1,285	62.50	10/20/12	(970,175)
Air Products and Chemicals, Inc.	345	85.00	12/22/12	(57,788)
Amazon.com, Inc.	345	235.00	10/20/12	(710,700)
Amazon.com, Inc.	210	250.00	10/20/12	(179,550)
American Express Co.	620	57.50	10/20/12	(44,640)
Apple, Inc.	560	700.00	11/17/12	(988,400)
Boeing Co. (The)	825	75.00	10/20/12	(5,775)
CenturyLink, Inc.	405	42.00	10/20/12	(5,062)
Cirrus Logic, Inc.	340	45.00	10/20/12	(14,450)
Cliffs Natural Resources, Inc.	350	42.00	10/20/12	(30,275)
Coca-Cola Co. (The)	1,550	40.00	10/20/12	(13,175)
Colgate-Palmolive Co.	740	110.00	11/17/12	(58,460)
Comcast Corp., Class A	860	35.00	10/20/12	(82,560)
ConocoPhillips	485	57.50	11/17/12	(50,440)
Costco Wholesale Corp.	350	97.50	10/20/12	(119,875)
Covidien PLC	560	55.00	10/20/12	(254,800)
Deere & Co.	780	82.50	12/22/12	(284,700)
Dollar General Corp.	1,595	52.50	10/20/12	(103,675)
eBay, Inc.	1,090	44.00	10/20/12	(512,300)
Ecolab, Inc.	885	67.50	10/20/12	(13,275)
EMC Corp.	1,330	25.00	10/20/12	(321,860)
Equinix, Inc.	110	200.00	10/20/12	(100,100)
Express Scripts Holding Co.	825	62.50	10/20/12	(101,475)
Exxon Mobil Corp.	535	87.50	10/20/12	(224,700)

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Gilead Sciences, Inc.	775	67.50	11/17/12	(177,088)
GNC Holdings, Inc., Class A	1,565	40.00	10/20/12	(129,113)
Google, Inc., Class A	155	720.00	10/20/12	(721,525)
Halliburton Co.	640	36.00	10/20/12	(16,320)
Home Depot, Inc. (The)	250	57.50	10/20/12	(76,250)
Kansas City Southern	565	80.00	10/20/12	(33,900)
Kraft Foods, Inc., Class A	190	42.00	10/20/12	(9,690)
Lions Gate Entertainment Corp.	705	16.00	11/17/12	(31,725)
LyondellBasell Industries NV, Class A	495	52.50	12/22/12	(129,938)
Macy's, Inc.	575	40.00	10/20/12	(10,062)

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Security	Number of Contracts	Strike Price	Expiration Date	Value
McDonald's Corp.	1,020	\$ 90.00	10/20/12	\$ (243,780)
Mead Johnson Nutrition Co.	200	80.00	11/17/12	(15,000)
Microsoft Corp.	5,100	31.00	10/20/12	(104,550)
Monsanto Co.	940	92.50	11/17/12	(216,670)
NIKE, Inc., Class B	340	100.00	10/20/12	(10,710)
Nuance Communications, Inc.	575	24.00	10/20/12	(74,750)
Perrigo Co.	430	110.00	10/20/12	(279,500)
Philip Morris International, Inc.	1,795	92.50	12/22/12	(275,533)
Phillips 66	180	46.00	11/17/12	(40,950)
PNC Financial Services Group, Inc.	400	62.50	10/20/12	(59,800)
QUALCOMM, Inc.	1,460	65.00	10/20/12	(64,240)
Rackspace Hosting, Inc.	280	70.00	10/20/12	(11,200)
Range Resources Corp.	835	70.00	10/20/12	(171,175)
Shire PLC ADR	500	92.50	10/20/12	(31,250)
Target Corp.	365	62.50	10/20/12	(58,400)
TJX Companies, Inc. (The)	715	47.50	10/20/12	(5,362)
Union Pacific Corp.	170	130.00	11/17/12	(7,735)
United Parcel Service, Inc., Class B	495	77.50	10/20/12	(1,237)
United Technologies Corp.	665	82.50	11/17/12	(38,902)
Urban Outfitters, Inc.	1,215	38.00	10/20/12	(100,238)
Varian Medical Systems, Inc.	325	60.00	10/20/12	(46,312)
VeriSign, Inc.	495	49.00	10/20/12	(39,352)
Verizon Communications, Inc.	505	46.00	11/17/12	(28,785)
Vertex Pharmaceuticals, Inc.	215	52.50	10/20/12	(107,500)
Walt Disney Co. (The)	615	50.00	10/20/12	(151,905)
Walter Investment Management Corp.	615	29.00	10/20/12	(501,225)
Watson Pharmaceuticals, Inc.	745	80.00	10/20/12	(413,475)
Wells Fargo & Co.	1,365	35.00	10/20/12	(72,345)
<b>Total Covered Call Options Written (premiums received \$9,140,941)</b>				<b>\$ (9,837,570)</b>
<b>Other Assets, Less Liabilities (0.0)%<sup>1</sup></b>				<b>\$ (174,688)</b>
<b>Net Assets 100.0%</b>				<b>\$ 603,894,986</b>

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

ADR - American Depositary Receipt

- (1) A portion of each applicable common stock for which a written call option is outstanding at September 30, 2012 has been pledged as collateral for such written option.
- (2) Non-income producing security.
- (3)

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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 September 30, 2012. Net income allocated from the investment in Eaton Vance Cash Reserves Fund, LLC for the fiscal year to date ended September 30, 2012 was \$19,256.

(4) Amount is less than 0.05%.

The cost and unrealized appreciation (depreciation) of investments of the Fund at September 30, 2012, as determined on a federal income tax basis, were as follows:

<b>Aggregate cost</b>	<b>\$ 437,225,958</b>
Gross unrealized appreciation	\$ 178,541,548
Gross unrealized depreciation	(1,860,262)
<b>Net unrealized appreciation</b>	<b>\$ 176,681,286</b>

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Written call options activity for the fiscal year to date ended September 30, 2012 was as follows:

	Number of Contracts	Premiums Received
Outstanding, beginning of period	46,235	\$ 8,827,806
Options written	246,740	40,350,397
Options terminated in closing purchase transactions	(149,730)	(25,706,390)
Options exercised	(3,245)	(339,698)
Options expired	(93,400)	(13,991,174)
<b>Outstanding, end of period</b>	<b>46,600</b>	<b>\$ 9,140,941</b>

At September 30, 2012, the Fund had sufficient cash and/or securities to cover commitments under these contracts.

The Fund is subject to equity price risk in the normal course of pursuing its investment objectives. The Fund writes covered call options on individual stocks above the current value of the stock to generate premium income. In writing call options on individual stocks, the Fund in effect, sells potential appreciation in the value of the applicable stock above the exercise price in exchange for the option premium received. The Fund retains the risk of loss, minus the premium received, should the price of the underlying stock decline. The Fund is not subject to counterparty credit risk with respect to its written options as the Fund, not the counterparty, is obligated to perform under such derivatives.

At September 30, 2012, the aggregate fair value of open derivative instruments (not considered to be hedging instruments for accounting disclosure purposes) in a liability position and whose primary underlying risk exposure is equity price risk was \$9,837,570.

Under generally accepted accounting principles for fair value measurements, a three-tier hierarchy to prioritize the assumptions, referred to as inputs, is 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)  
In cases where the inputs used to measure fair value fall in different levels of the fair value hierarchy, the level disclosed is determined based on the lowest level input that is significant to the fair value measurement in its entirety. The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities.

At September 30, 2012, the hierarchy of inputs used in valuing the Fund's investments and open derivative instruments, which are carried at value, were as follows:

Asset Description	Level 1	Level 2	Level 3	Total
Common Stocks	\$ 603,769,059*	\$	\$	\$ 603,769,059
Short-Term Investments		10,138,185		10,138,185
<b>Total Investments</b>	<b>\$ 603,769,059</b>	<b>\$ 10,138,185</b>	<b>\$</b>	<b>\$ 613,907,244</b>
<b>Liability Description</b>				
Covered Call Options Written	\$ (9,837,570)	\$	\$	\$ (9,837,570)
<b>Total</b>	<b>\$ (9,837,570)</b>	<b>\$</b>	<b>\$</b>	<b>\$ (9,837,570)</b>

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\* The level classification by major category of investments is the same as the category presentation in the Portfolio of Investments. The Fund held no investments or other financial instruments as of December 31, 2011 whose fair value was determined using Level 3 inputs. At September 30, 2012, there were no investments transferred between Level 1 and Level 2 during the fiscal year to date then ended.

For information on the Fund's policy regarding the 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.

**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.

**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 II

By: /s/ Walter A. Row, III  
Walter A. Row, III  
President

Date: November 26, 2012

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/ Walter A. Row, III  
Walter A. Row, III  
President

Date: November 26, 2012

By: /s/ Barbara E. Campbell  
Barbara E. Campbell  
Treasurer

Date: November 26, 2012