UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED

MANAGEMENT INVESTMENT COMPANIES

<u>811-22044</u>

Investment Company Act File Number

Eaton Vance Risk-Managed Diversified 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)

December 31

Date of Fiscal Year End

March 31, 2012

Date of Reporting Period

Item 1. Schedule of Investments

Eaton Vance

Risk-Managed Diversified Equity Income Fund

March 31, 2012

PORTFOLIO OF INVESTMENTS (Unaudited)

Common Stocks 98.1%

Security	N(000.000.000 Shares	N	(000.000.000 Value
Aerospace & Defense 2.5%			
Boeing Co. (The)	241,007	\$	17,923,690
United Technologies Corp.	55,422		4,596,701
		\$	22,520,391
Automobiles 0.4%			
Bayerische Motoren Werke AG	39,126	\$	3,519,633
		\$	3,519,633
Beverages 3.0%			
Beam, Inc.	84,050	\$	4,922,808
Coca-Cola Co. (The)	307,888	Ψ	22,786,791
		\$	27,709,599
Biotechnology 3.2%			
Celgene Corp. ⁽¹⁾	187,412	\$	14,528,178
Gilead Sciences, Inc. ⁽¹⁾	299,551		14,633,067
		\$	29,161,245
Capital Markets 0.6%			
Goldman Sachs Group, Inc. (The)	44,208	\$	5,498,149
		\$	5,498,149
		Ψ	5,470,147
Chemicals 1.8%			
Celanese Corp., Series A	96,138	\$	4,439,653
Monsanto Co.	156,779		12,504,693
		\$	16,944,346
Commercial Banks 3.8%			
KeyCorp	762,889	\$	6,484,556
PNC Financial Services Group, Inc.	141,042		9,095,799
Wells Fargo & Co.	552,572		18,864,808
		\$	34,445,163

QUALCOMM, Inc.	303,950	\$	20,674,679
		\$	20,674,679
Computers & Peripherals 5.3%			
Apple, Inc. ⁽¹⁾	64,301	\$	38,546,521
EMC Corp. ⁽¹⁾	320,697		9,582,426
		\$	48,128,947
Construction & Engineering 1.0%			
Fluor Corp.	154,085	\$	9,251,263
		\$	9,251,263
			.,.,
Consumer Finance 1.0%			
American Express Co.	165,526	\$	9,577,334
	105,520	Ψ	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		\$	9,577,334
		φ	3,577,554
Diversified Financial Services 4.0%			
	240.966	\$	12 459 652
Citigroup, Inc.	340,866 520,756	Ф	12,458,652 23,944,361
JPMorgan Chase & Co.	520,750		23,944,301
		¢	26 402 012
		\$	36,403,013

Security	N(000.000.000 Shares	N	(000.000.000 Value
Diversified Telecommunication Services 3.0%			
AT&T, Inc.	423,152	\$	13,215,037
CenturyLink, Inc.	361,969		13,990,102
		\$	27,205,139
Electric Utilities 2.5%			
American Electric Power Co., Inc.	114,868	\$	4,431,607
Duke Energy Corp.	325,889	Ψ	6,846,928
PPL Corp.	162,448		4,590,781
Southern Co. (The)	153,691		6,905,337
		\$	22,774,653
Energy Equipment & Services 1.5% Halliburton Co.	215,263	\$	7,144,579
Schlumberger, Ltd.	100,513	φ	7,144,579
Schumberger, Ltd.	100,515		7,028,874
		\$	14,173,453
Food & Staples Retailing 1.3%			
Costco Wholesale Corp.	135,745	\$	12,325,646
		\$	12,325,646
Health Care Equipment & Supplies 2.7%			
Covidien PLC	217,109	\$	11,871,520
St. Jude Medical, Inc.	108,570		4,810,737
Varian Medical Systems, Inc. ⁽¹⁾	111,647		7,699,177
		\$	24,381,434
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Health Care Providers & Services 1.1%			
UnitedHealth Group, Inc.	166,245	\$	9,798,480
		\$	9,798,480
Hotels, Restaurants & Leisure 1.4%			
McDonald s Corp.	127,163	\$	12,474,690
		<i>•</i>	10 10 100
		\$	12,474,690
Household Products 2.5%			
Colgate-Palmolive Co.	98,616	\$	9,642,672
Procter & Gamble Co.	199,928		13,437,161
		\$	23,079,833
Industrial Conglomerates 2.7%			
Danaher Corp.	434,312	\$	24,321,472
		\$	24,321,472
Insurance 1.5%			
Aflac, Inc.	106,176	\$	4,883,034

MetLife, Inc. 227	,415	8,493,951
		\$ 13,376,985
Internet & Catalog Retail 1.7%		
	,638	\$ 15,722,471
		\$ 15,722,471
Internet Software & Services 4.2%		
	,640	\$ 18,985,070
Google, Inc., Class A ⁽¹⁾ 30),769	19,730,313
		\$ 38,715,383
IT Services 5.7%		
Accenture PLC, Class A 309	,770	\$ 19,980,165
International Business Machines Corp. 98	,936	20,642,996
Visa, Inc., Class A 100	,318	11,837,524
		\$ 52,460,685

Security	N(000.000.000 Shares		N(000.000.000 Value	
Machinery 0.9%				
Deere & Co.	104,137	\$	8,424,683	
		\$	8,424,683	
Media 2.6%				
Comcast Corp., Class A	316,562	\$	9,500,026	
Walt Disney Co. (The)	332,869		14,573,005	
		\$	24,073,031	
Metals & Mining 2.2%				
Cliffs Natural Resources, Inc.	62,861	\$	4,353,753	
Freeport-McMoRan Copper & Gold, Inc.	105,470	ψ	4,012,079	
Goldcorp, Inc.	253,057		11,402,748	
		\$	19,768,580	
Multi-Utilities 0.3%				
Sempra Energy	39,151	\$	2,347,494	
		\$	2,347,494	
			<i>. . .</i>	
Multiline Retail 1.6%				
Macy s, Inc.	367,759	\$	14,611,065	
		\$	14,611,065	
Oil, Gas & Consumable Fuels 10.2%				
Anadarko Petroleum Corp.	88,887	\$	6,963,408	
Apache Corp.	72,873	φ	7,319,364	
Chevron Corp.	73,085		7,837,635	
ConocoPhillips	262,044		19,917,964	
Exxon Mobil Corp.	466,690		40,476,024	
Occidental Petroleum Corp.	114,072		10,863,077	
		\$	93,377,472	
Personal Products 1.0%				
Estee Lauder Cos., Inc. (The), Class A	155,347	\$	9,622,193	
		\$	9,622,193	
Pharmaceuticals 6.3%				
Allergan, Inc.	131,661	\$	12,564,409	
Johnson & Johnson	267,181	Ψ	17,623,259	
Pfizer, Inc.	1,193,791		27,051,304	
		\$	57,238,972	
Real Estate Investment Trusts (REITs) 1.4%				
AvalonBay Communities, Inc.	54,354	\$	7,682,938	
Boston Properties, Inc.	50,704	φ	5,323,413	
	50,704			
		\$	13.006.351	

\$ 13,006,351

Road & Rail 1.5% Union Pacific Corp. 129,124 \$ 13,878,248 Software 2.9% Microsoft Corp. 532,947 \$ 17,187,541 Oracle Corp. 313,357 9,137,490 Specialty Retail 1.1% Home Depot, Inc. (The) 198,590 \$ 9,991,063
\$ 13,878,248 Software 2.9% Microsoft Corp. Oracle Corp. \$ 17,187,541 313,357 9,137,490 \$ 26,325,031 Specialty Retail 1.1%
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\$ 26,325,031 Specialty Retail 1.1%
Specialty Retail 1.1%
Specialty Retail 1.1%
Home Depot, Inc. (The) 198,590 \$ 9,991,063
\$ 9,991,063
Textiles, Apparel & Luxury Goods 2.7%
NIKE, Inc., Class B 229,097 \$ 24,843,279
\$ 24,843,279

Security	N(000.000.000 Shares	N	(000.000.000 Value
Tobacco 2.7%			
Philip Morris International, Inc.	281,925	\$	24,981,374
		\$	24,981,374
Total Common Stocks (identified cost \$686,546,887)Put Options Purchased3.0%		\$	897,132,922

	N(000.000.000 Number of	N(000.000.000 Strike	N(000.000.000 Expiration	N(000.000.000
Description	Contracts	Price	Date	Value
S&P 500 Index	3,300	\$ 1,325.00	9/22/12	\$ 14,008,500
S&P 500 Index	2,200	1,325.00	12/22/12	13,805,000

Total Put Options Purchased	
(identified cost \$32,798,725)	\$ 27,813,500

Short-Term Investments 0.6%

	· · · ·	0.000.000 nterest	N	N(000.000.000
Description	(000	s omitted)		Value
Eaton Vance Cash Reserves Fund, LLC, 0.09% ⁽²⁾	\$	5,410	\$	5,409,792
Total Short-Term Investments (identified cost \$5,409,792)			\$	5,409,792
Total Investments 101.7% (identified cost \$724,755,404)			\$	930,356,214

Call Options Written (1.7)%

Description	N(000.000.000 Number of Contracts	N	(000.000.000 Strike Price	N(000.000.000 Expiration Date	N(000.000.000 Value
S&P 500 Index	1	\$	1,350.00	4/21/12	(6,185)
S&P 500 Index	3,155		1,375.00	4/21/12	(15,617,250)
S&P 500 Index	1,000		1,415.00	4/5/12	(460,000)

Total Call Options Written (premiums received \$9,426,672)

\$ (16,083,435)

Other Assets, Less Liabilities	0.0%)	\$ 227,443
Net Assets 100.0%		\$ 914,500,222

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

(1) Non-income producing security.

(2) 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 March 31, 2012. Net income allocated from the investment in Eaton Vance Cash Reserves Fund, LLC for the fiscal year to date ended March 31, 2012 was \$5,240.

(3) Amount is less than 0.05%.

The cost and unrealized appreciation (depreciation) of investments of the Fund at March 31, 2012, as determined on a federal income tax basis, were as follows:

Aggregate cost	\$ 730,154,806
Gross unrealized appreciation	\$ 207,752,338
Gross unrealized depreciation	(7,550,930)
Net unrealized appreciation	\$ 200,201,408

Written call options activity for the fiscal year to date ended March 31, 2012 was as follows:

	N(000.000.000 Number of Contracts	N(000.000.000 Premiums Received		
Outstanding, beginning of period	4,035	\$	13,370,981	
Options written	30,486		53,051,460	
Options terminated in closing purchase transactions	(26,945)		(55,349,331)	
Options expired	(3,420)		(1,646,438)	
Outstanding, end of period	4,156	\$	9,426,672	

All of the assets of the Fund are subject to segregation to satisfy the requirements of the escrow agent.

At March 31, 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 purchases index put options below the current value of the index to reduce the Fund s exposure to market risk and volatility. In buying index put options, the Fund in effect, acquires protection against decline in the value of the applicable index below the exercise price in exchange for the option premium paid. The Fund writes index call options above the current value of the index to generate premium income. In writing index call options, the Fund in effect, sells potential appreciation in the value of the applicable index 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 index 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 March 31, 2012, the aggregate fair value of open derivative instruments (not considered to be hedging instruments for accounting disclosure purposes) in an asset position and in a liability position and whose primary underlying risk exposure is equity price risk was \$27,813,500 and \$16,083,435, respectively.

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 March 31, 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				
Consumer Discretionary	\$ 101,715,599	\$ 3,519,633	\$	\$ 105,235,232
Consumer Staples	97,718,645			97,718,645
Energy	107,550,925			107,550,925
Financials	112,306,995			112,306,995
Health Care	120,580,131			120,580,131
Industrials	78,396,057			78,396,057
Information Technology	186,304,725			186,304,725
Materials	36,712,926			36,712,926
Telecommunication Services	27,205,139			27,205,139
Utilities	25,122,147			25,122,147
Total Common Stocks	\$ 893,613,289	\$ 3,519,633*	\$	\$ 897,132,922
Put Options Purchased	\$ 27,813,500	\$	\$	27,813,500
Short-Term Investments	\$	\$ 5,409,792	\$	\$ 5,409,792
Total Investments	\$ 921,426,789	\$ 8,929,425	\$	\$ 930,356,214
Liability Description				
Call Options Written	\$ (16,083,435)	\$	\$	\$ (16,083,435)
Total	\$ (16,083,435)	\$	\$	\$ (16,083,435)

* Includes foreign equity securities whose values were adjusted to reflect market trading of comparable securities or other correlated instruments that occurred after the close of trading in their applicable foreign markets.

The Fund held no investments or other financial instruments as of December 31, 2011 whose fair value was determined using Level 3 inputs. At March 31, 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 Risk-Managed Diversified Equity Income Fund

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

Date: May 25, 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: May 25, 2012

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

Date: May 25, 2012