Eaton Vance Risk-Managed Diversified Equity Income Fund Form N-Q May 28, 2010

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANIES 811-22044

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, 2010

Date of Reporting Period

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Signatures

EX-99.CERT Section 302 Certification

Item 1. Schedule of Investments

Eaton Vance Risk-Managed Diversified Equity Income Fund

as of March 31, 2010

PORTFOLIO OF INVESTMENTS (Unaudited)

Common Stocks 97.3%

Security Agreement 8, Defense 176/	Shares		Value
Aerospace & Defense 1.7% General Dynamics Corp. Lockheed Martin Corp.	163,103 86,990	\$	12,591,552 7,239,308
		\$	19,830,860
Air Freight & Logistics 0.6% FedEx Corp.	77,536	\$	7,241,862
		\$	7,241,862
Beverages 2.4% Coca-Cola Co. (The) PepsiCo, Inc.	204,218 250,532	\$	11,231,990 16,575,197
	200,002	\$	27,807,187
Biotechnology 1.4%		4	
Amgen, Inc. ⁽¹⁾ Celgene Corp. ⁽¹⁾	195,928 72,362	\$	11,708,657 4,483,550
	,	\$	16,192,207
Capital Markets 2.9%			
Goldman Sachs Group, Inc. Northern Trust Corp.	115,404 132,180	\$	19,691,384 7,304,267
State Street Corp.	145,583		6,571,617
		\$	33,567,268
Chemicals 0.5% Monsanto Co.	82,404	\$	5,885,294
Molisanto Co.	62,404		
		\$	5,885,294
Commercial Banks 2.9% PNC Financial Services Group, Inc.	121,185	\$	7,234,744
U.S. Bancorp Wells Fargo & Co.	252,579 620,373		6,536,745 19,306,008
mons rango & co.	020,313	Φ	
		\$	33,077,497

Commercial Services & Supplies 1.0% Waste Management, Inc.	328,266	\$	11,302,198
waste management, inc.	328,200	φ	11,302,190
		\$	11,302,198
Communications Equipment 3.1%			
Cisco Systems, Inc. ⁽¹⁾	892,079	\$	23,220,816
QUALCOMM, Inc.	293,422		12,320,790
		\$	35,541,606
Computers & Peripherals 6.1%			
Apple, Inc. ⁽¹⁾	125,021	\$	29,371,184
Hewlett-Packard Co.	341,615		18,156,837
International Business Machines Corp.	178,608		22,906,476
		\$	70,434,497
Consumer Finance 0.6%			
Consumer Finance 0.6% American Express Co.	154,058	\$	6,356,433
	154,058	\$ \$	6,356,433 6,356,433
	154,058	·	
American Express Co.	154,058 1,170,231	·	
American Express Co. Diversified Financial Services 5.0%		\$	6,356,433
American Express Co. Diversified Financial Services 5.0% Bank of America Corp.	1,170,231	\$	6,356,433 20,888,623
American Express Co. Diversified Financial Services 5.0% Bank of America Corp. Citigroup, Inc.(1)	1,170,231 855,739	\$	6,356,433 20,888,623 3,465,743
American Express Co. Diversified Financial Services 5.0% Bank of America Corp. Citigroup, Inc.(1)	1,170,231 855,739	\$	6,356,433 20,888,623 3,465,743 32,783,179

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Security Diversified Telecommunication Services 2.3%	Shares		Value
AT&T, Inc. Verizon Communications, Inc.	658,763 320,768	\$	17,022,436 9,950,223
		\$	26,972,659
Electric Utilities 1.0% American Electric Power Co., Inc.	322,093	\$	11,009,139
		\$	11,009,139
Electrical Equipment 1.0% Emerson Electric Co.	228,650	\$	11,510,241
		\$	11,510,241
Electronic Equipment, Instruments & Components 1.3% Corning, Inc.	741,613	\$	14,987,999
		\$	14,987,999
Energy Equipment & Services 1.7% Halliburton Co.	273,409	\$	8,237,813
Schlumberger, Ltd.	169,943	\$	10,784,583 19,022,396
Food & Staples Retailing 2.4%		Ψ	17,022,070
CVS Caremark Corp. Wal-Mart Stores, Inc.	223,817 350,584	\$	8,182,750 19,492,470
		\$	27,675,220
Food Products 1.7% Kellogg Co.	155,534	\$	8,310,182
Nestle SA	221,699	\$	11,360,294 19,670,476
Health Care Equipment & Supplies 2.9%		·	. , ,
Baxter International, Inc. Boston Scientific Corp. (1)	180,249 853,618	\$	10,490,492 6,163,122
Covidien PLC	217,109		10,916,240
Zimmer Holdings, Inc. ⁽¹⁾	104,718	¢	6,199,306
		\$	33,769,160

Health Care Providers & Services 1.2%	210.005	¢	6 222 624
AmerisourceBergen Corp. Fresenius Medical Care AG & Co. KGaA ADR	219,005 122,392	\$	6,333,624 6,873,535
		\$	13,207,159
Hotels, Restaurants & Leisure 1.8%	404077	Φ.	- 476 070
Carnival Corp. McDonald s Corp.	184,055 204,076	\$	7,156,058 13,615,951
		\$	20,772,009
Household Products 3.3%			
Colgate-Palmolive Co. Procter & Gamble Co.	216,207 312,504	\$	18,433,809 19,772,128
		\$	38,205,937
Industrial Conglomerates 2.6%			
General Electric Co.	1,630,331	\$	29,672,024
		\$	29,672,024
Insurance 3.6%			
Berkshire Hathaway, Inc., Class B ⁽¹⁾ Lincoln National Corp.	138,067 234,165	\$	11,220,705 7,188,866
MetLife, Inc.	254,163		10,915,916
Prudential Financial, Inc.	190,903		11,549,631
		\$	40,875,118
2			

Security Internet & Catalog Patail 120/	Shares		Value
Internet & Catalog Retail 1.2% Amazon.com, Inc. ⁽¹⁾	102,097	\$	13,857,626
		\$	13,857,626
Internet Software & Services 0.9% Google, Inc., Class A ⁽¹⁾	17,638	\$	10,000,922
		\$	10,000,922
IT Services 1.1%	£1 401	¢.	12.070.714
MasterCard, Inc., Class A	51,491	\$ \$	13,078,714
Machinery 3.1%		Ф	13,078,714
Danaher Corp. Deere & Co. Illinois Tool Works, Inc. PACCAR, Inc.	144,413 141,894 172,527 162,023	\$	11,540,043 8,437,017 8,170,879 7,022,077
		\$	35,170,016
Media 0.6% Walt Disney Co. (The)	208,435	\$	7,276,466
		\$	7,276,466
Metals & Mining 2.8% BHP Billiton, Ltd. ADR Freeport-McMoRan Copper & Gold, Inc. Goldcorp, Inc. United States Steel Corp.	70,608 69,461 432,348 77,076	\$	5,671,235 5,802,772 16,091,993 4,895,867
		\$	32,461,867
Multi-Utilities 1.9% PG&E Corp. Public Service Enterprise Group, Inc.	261,399 362,570	\$ \$	11,088,546 10,703,066 21,791,612
Multiline Retail 0.9% Target Corp.	188,145	\$	9,896,427
	,	\$	9,896,427

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Oil, Gas & Consumable Fuels 9.3%			
Anadarko Petroleum Corp.	293,847	\$	21,400,877
Apache Corp.	136,418		13,846,427
Chevron Corp.	333,024		25,253,210
Exxon Mobil Corp.	202,980		13,595,600
Hess Corp.	240,500		15,043,275
Occidental Petroleum Corp.	143,295		12,114,159
Peabody Energy Corp.	122,881		5,615,662
		\$	106,869,210
Decreased Decrease 0.50			
Personal Products 0.5%	172 160	Φ	5 964 020
Avon Products, Inc.	173,160	\$	5,864,929
		\$	5,864,929
Pharmaceuticals 6.3%		\$	5,864,929
Pharmaceuticals 6.3% Abbott Laboratories	269,021	\$	
Abbott Laboratories	269,021 405,659		5,864,929 14,172,026 10,831,095
	405,659		14,172,026
Abbott Laboratories Bristol-Myers Squibb Co.	•		14,172,026 10,831,095
Abbott Laboratories Bristol-Myers Squibb Co. Johnson & Johnson	405,659 158,853		14,172,026 10,831,095 10,357,216
Abbott Laboratories Bristol-Myers Squibb Co. Johnson & Johnson Merck & Co., Inc.	405,659 158,853 310,523		14,172,026 10,831,095 10,357,216 11,598,034
Abbott Laboratories Bristol-Myers Squibb Co. Johnson & Johnson Merck & Co., Inc. Pfizer, Inc.	405,659 158,853 310,523 1,050,795		14,172,026 10,831,095 10,357,216 11,598,034 18,021,134

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Security Real Estate Investment Trusts (REITs) 0.7%	Shares		Value
AvalonBay Communities, Inc. Boston Properties, Inc.	43,168 54,847	\$	3,727,557 4,137,658
		\$	7,865,215
Road & Rail 0.6%			
CSX Corp.	125,639	\$	6,395,025
		\$	6,395,025
Semiconductors & Semiconductor Equipment 1.9%			
ASML Holding NV ADR	329,604	\$	11,667,981
Intel Corp.	438,653		9,764,416
		\$	21,432,397
Software 3.6%			
Microsoft Corp.	1,014,959	\$	29,707,850
Oracle Corp.	463,476		11,906,698
		\$	41,614,548
Specialty Retail 4.3%			
Best Buy Co., Inc.	244,090	\$	10,383,589
Gap, Inc. (The)	200,632		4,636,605
Home Depot, Inc.	403,013		13,037,470
Staples, Inc.	465,977		10,899,202
TJX Companies, Inc. (The)	234,259		9,960,693
		\$	48,917,559
Textiles, Apparel & Luxury Goods 1.0%			
NIKE, Inc., Class B	160,476	\$	11,794,986
		\$	11,794,986
Tobacco 1.1%			
Philip Morris International, Inc.	234,030	\$	12,207,005
		\$	12,207,005
		Ψ	
Wireless Telecommunication Services 0.5%	105 151	Φ.	5 0 4 4 0 0 4
American Tower Corp., Class A ⁽¹⁾	137,151	\$	5,844,004
		\$	5,844,004

Total Common Stocks (identified cost \$926,299,853)

\$ 1,116,637,361

Put Options Purchased 2.6%

Description S&P 500 Index S&P 500 Index S&P 500 Index	Number of Contracts 3,035 4,500 1,950	\$ Strike Price 1,050 1,075 1,150	Expiration Date 6/19/10 9/18/10 12/31/10	\$ Value 3,035,000 13,455,000 13,923,000
Total Put Options Purchased (identified cost \$72,789,058)	4			\$ 30,413,000

Short-Term Investments 0.9%

Description Eaton Vance Cash Reserves Fund, LLC, 0.17% ⁽²⁾	 terest s omitted) 10,659	\$ Value 10,659,250
Total Short-Term Investments (identified cost \$10,659,250)		\$ 10,659,250
Total Investments 100.8% (identified cost \$1,009,748,161)		\$ 1,157,709,611

Call Options Written (0.9)%

Description	Number of Contracts	Strike Price	Expiration Date	Value
S&P 500 Index	2,280	\$ 1,160	4/17/10	\$ (4,423,200)
S&P 500 Index	4,625	1,175	4/17/10	(5,272,500)
S&P 500 Index	900	1,200	4/17/10	(252,000)
Total Call Options Written (premiums received \$11,320,428)				\$ (9,947,700)

Put Options Written (0.0)%

Description Bally Technologies, Inc. Clorox Company	Number of Contracts 1,370 1,740	\$ Strike Price 35 60	Expiration Date 5/22/10 5/22/10	\$ Value (48,169) (67,721)
Comcast Corp., Class A	7,080	15	4/17/10	(7,080)
Nucor Corp. Peabody Energy Corp.	1,230 1,220	40 42	5/22/10 5/22/10	(62,828) (151,524)
Total Put Options Written (premiums received \$685,800)				\$ (337,322)
Other Assets, Less Liabilities 0.1	1%			\$ 800,486

Net Assets 100.0% \$ 1,148,225,075

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

- ADR American Depositary Receipt
- (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, 2010. Net income allocated from the investment in Eaton Vance Cash Reserves Fund, LLC and Cash Management Portfolio, another affiliated investment company, for the fiscal year to date ended March 31, 2010 was \$3,886 and \$0, respectively.

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The cost and unrealized appreciation (depreciation) of investments of the Fund at March 31, 2010, as determined on a federal income tax basis, were as follows:

Aggregate cost	\$ 968,651,255
Gross unrealized appreciation Gross unrealized depreciation	\$ 242,897,992 (53,839,636)
Net unrealized appreciation	\$ 189,058,356

Written call and put options activity for the fiscal year to date ended March 31, 2010 was as follows:

	Number of Contracts	Premiums Received
Outstanding, beginning of period	7,066	\$ 13,135,333
Options written	38,603	44,370,167
Options terminated in closing purchase transactions	(21,056)	(42,541,270)
Options exercised	(1,218)	(2,799,115)
Options expired	(2,950)	(158,887)
Outstanding, end of period	20,445	\$ 12,006,228

All of the assets of the Fund are subject to segregation to satisfy the requirements of the escrow agent. At March 31, 2010, 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 generally intends to purchase 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 generally intends to write 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 generally intends to write put options on individual stocks below the current value of the individual stock to generate premium income. In writing put options on individual stocks, the Fund in effect, sells protection against decline in the value of the applicable individual stock below 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 individual stock decline below the exercise price.

At March 31, 2010, the aggregate fair value of 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 \$30,413,000 and \$10,285,022, 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)

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

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At March 31, 2010, the inputs used in valuing the Fund s investments, which are carried at value, were as follows:

	A	Quoted Prices in Active Markets for dentical Assets	Significant Other S Observable Un Inputs	Significan nobservab Inputs	
Asset Description		(Level 1)	(Level 2)	(Level 3)	Total
Common Stocks Consumer Discretionary Consumer Staples Energy Financials Health Care Industrials Information Technology Materials Telecommunication Services Utilities	\$	112,515,073 120,070,460 125,891,606 178,879,076 135,743,368 121,122,226 207,090,683 38,347,161 32,816,663 32,800,751	\$ 11,360,294	\$	\$ 112,515,073 131,430,754 125,891,606 178,879,076 135,743,368 121,122,226 207,090,683 38,347,161 32,816,663 32,800,751
Total Common Stocks	\$	1,105,277,067	\$ 11,360,294*	\$	\$ 1,116,637,361
Put Options Purchased Short-Term Investments	\$	30,413,000	\$ 10,659,250	\$	30,413,000 10,659,250
Total Investments	\$	1,135,690,067	\$ 22,019,544	\$	\$ 1,157,709,611
Liability Description					
Call Options Written Put Options Written	\$	(9,947,700) (337,322)	\$	\$	\$ (9,947,700) (337,322)
Total	\$	(10,285,022)	\$	\$	\$ (10,285,022)

* Includes foreign equity securities whose values were adjusted to reflect market trading 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, 2009 whose fair value was determined using Level 3 inputs.

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.

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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.

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/ Duncan W. Richardson Duncan W. Richardson President

Date: May 24, 2010

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: May 24, 2010

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

Date: May 24, 2010