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)

<u>(617)</u> <u>482-8260</u>

(Registrant s Telephone Number, Including Area Code)

December 31

Date of Fiscal Year End

September 30, 2017

Date of Reporting Period

Item 1. Schedule of Investments

Eaton Vance

Risk-Managed Diversified Equity Income Fund

September 30, 2017

PORTFOLIO OF INVESTMENTS (Unaudited)

Common Stocks 100.2%

Security	Shares		Value
Air Freight & Logistics 2.7%			
FedEx Corp.	75,575	\$	17,048,209
		\$	17,048,209
Auto Components 2.0%			
Delphi Automotive PLC	131,206	\$	12,910,670
		\$	12,910,670
Banks 7.5%			
Bank of America Corp.	692,497	\$	17,547,874
First Republic Bank	66,666		6,963,931
JPMorgan Chase & Co.	238,569		22,785,725
		\$	47,297,530
Beverages 1.2%			
Constellation Brands, Inc., Class A	37,681	\$	7,515,475
		\$	7,515,475
Biotechnology 4.4%	116.006	¢	15 005 005
Celgene Corp. ⁽¹⁾	116,836	\$	17,037,025
Gilead Sciences, Inc.	133,099		10,783,681
		\$	27 820 706
		Þ	27,820,706
Capital Markets 3.1%			
Charles Schwab Corp. (The)	265,533	\$	11,614,413
Credit Suisse Group AG ⁽¹⁾	520,117	Ψ	8,241,040
Creat Subse Group 110	520,117		0,211,010
		\$	19,855,453
		Ŧ	,cee,iee
Containers & Packaging 2.9%			
International Paper Co.	211,258	\$	12,003,679

Sealed Air Corp.	147,169	6,287,060
		\$ 18,290,739
Diversified Telecommunication Services 3.5%		
AT&T, Inc.	351,346	\$ 13,762,223
Zayo Group Holdings, Inc. ⁽¹⁾	246,551	8,486,285
		\$ 22,248,508
Electric Utilities 1.6%		
NextEra Energy, Inc.	70,555	\$ 10,339,835
		\$ 10,339,835
Energy Equipment & Services 0.9%		
Oceaneering International, Inc.	207,554	\$ 5,452,444
		\$ 5,452,444

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Security	Shares		Value
Equity Real Estate Investment Trusts (REITs) 2.8%			
Equity Residential	105,072	\$	6,927,397
Simon Property Group, Inc.	68,163		10,974,925
		\$	17,902,322
Food Products 1.2%			
Mondelez International, Inc., Class A	184,661	\$	7,508,316
		\$	7,508,316
Health Care Equipment & Supplies 2.3%		.	
Danaher Corp.	170,879	\$	14,658,001
		\$	14,658,001
Household Durables 2.2%			
Newell Brands, Inc.	163,796	\$	6,989,176
Whirlpool Corp.	37,096		6,841,986
		\$	13,831,162
Household Products 1.3%			
Colgate-Palmolive Co.	110,817	\$	8,073,018
		\$	8,073,018
Industrial Conglomerates 1.2%			
General Electric Co.	321,353	\$	7,770,316
		\$	7,770,316
Insurance 3.4%			
American Financial Group, Inc.	95,893	\$	9,920,131
Chubb, Ltd.	80,200		11,432,510
		\$	21,352,641
Internet & Direct Marketing Retail 2.9%			
Amazon.com, Inc. ⁽¹⁾	18,930	\$	18,198,355
		\$	18,198,355
Internet Software & Services 6.8%		.	
Akamai Technologies, Inc. ⁽¹⁾	128,460	\$	6,258,571
Alphabet, Inc., Class $C^{(1)}$	26,432		25,351,196
Facebook, Inc., Class A ⁽¹⁾ GoDaddy, Inc., Class A ⁽¹⁾	31,058 138,670		5,306,880 6,033,532
ODDauuy, IIIC., Class A	138,070		0,055,552

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		\$	42,950,179
IT Services 3.3%			
Visa, Inc., Class A	198,548	\$	20,895,192
		\$	20,895,192
Machinery 5.1%			
	122,323	\$	15,254,901
Caterpillar, Inc.		Ф	
Fortive Corp.	235,403		16,664,179
		ሰ	21 010 000
		\$	31,919,080
NA_14: T149:4: 1 A07			
Multi-Utilities 1.4%	70 720	¢	0.005.455
Sempra Energy	78,730	\$	8,985,455
		\$	8,985,455
Oil, Gas & Consumable Fuels 5.7%			
Chevron Corp.	116,542	\$	13,693,685
ConocoPhillips	169,488		8,482,875
EOG Resources, Inc.	83,787		8,105,554
Phillips 66	65,371		5,988,637
	00,071		2,200,007
		\$	36,270,751
			, ,

Security	Shares	Value
Personal Products 2.4%	Shares	value
Estee Lauder Cos., Inc. (The), Class A	52,693 \$	5,682,413
Unilever NV	158,279	9,356,022
	\$	15,038,435
Pharmaceuticals 7.1%		
Allergan PLC	39,741 \$	8,144,918
Johnson & Johnson	175,326	22,794,133
Zoetis, Inc.	216,859	13,826,930
	\$	44,765,981
		,, -
Road & Rail 2.4%	2 00.000 f	15 046 460
CSX Corp.	280,989 \$	15,246,463
	\$	15,246,463
Semiconductors & Semiconductor Equipment 3.6%	266.040	12 020 146
Intel Corp.	366,049 \$	
QUALCOMM, Inc.	169,057	8,763,915
	\$	22,703,061
Software 4.4%		
Microsoft Corp.	374,643 \$	27,907,157
	\$	27,907,157
	ų	21,501,101
Specialty Retail 3.1%		
Home Depot, Inc. (The)	120,889 \$	19,772,605
	\$	19,772,605
	4	19,772,003
Technology Hardware, Storage & Peripherals 4.3%		
Apple, Inc.	178,070 \$	27,444,148
	\$	27,444,148
	ų	27,111,110
Textiles, Apparel & Luxury Goods 0.8%		
NIKE, Inc., Class B	95,735 \$	4,963,860
	đ	4.062.960
	\$	4,963,860
Tobacco 2.7%		
Altria Group, Inc.	263,527 \$	16,712,882
	\$	16,712,882
	4	10,/12,002

Total Common Stocks (identified cost \$564,091,069)		\$ 633,648,949
Short-Term Investments 0.5%		
Description	Units	Value
Eaton Vance Cash Reserves Fund, LLC, 1.31% ⁽²⁾	2,793,264	\$ 2,793,543
Total Short-Term Investments		
(identified cost \$2,793,823)		\$ 2,793,543

	Value
Total Put Options Purchased 0.1% (identified cost \$1,991,662)	\$ 569,113
Total Investments 100.8% (identified cost \$568,876,554)	\$ 637,011,605
Total Call Options Written (0.7)% (premiums received \$2,346,571)	\$ (4,390,370)
Other Assets, Less Liabilities (0.1)%	\$ (436,631)
Net Assets 100.0%	\$ 632,184,604

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 September 30, 2017. Net income from the investment in Eaton Vance Cash Reserves Fund, LLC for the fiscal year to date ended September 30, 2017 was \$57,972.

Put Options Purchased 0.1%

Exchange-Traded Options 0.1%

Number of Contracts		Notional A mount		Exercise	Expiration Date		Value
			¢			¢	
200	\$	50,387,200	\$	2,400	10/2/17	\$	1,500
198		49,883,328		2,395	10/4/17		3,960
201		50,639,136		2,390	10/6/17		6,030
199		50,135,264		2,420	10/9/17		12,935
201		50,639,136		2,430	10/11/17		23,618
202		50,891,072		2,440	10/13/17		37,875
200		50,387,200		2,450	10/16/17		52,500
201		50,639,136		2,450	10/18/17		66,330
200		50,387,200		2,435	10/20/17		67,000
200		50,387,200		2,435	10/23/17		73,000
200		50,387,200		2,445	10/25/17		98,000
	Contracts 200 198 201 199 201 202 200 201 200 200 200 200	Contracts 200 \$ 198 201 201 201 202 201 202 200 201 201 202 200 201 200 201 200 201 200 201 200 200 200 200 200	ContractsAmount200\$50,387,20019849,883,32820150,639,13619950,135,26420150,639,13620250,891,07220050,387,20020150,639,13620050,387,20020050,387,20020050,387,20020050,387,20020050,387,200	ContractsAmount200\$50,387,200\$19849,883,32820150,639,13620150,639,13620250,639,13620250,639,13620250,891,07220050,387,20020150,639,13620050,387,20020050,387,20020050,387,20020050,387,20020050,387,20020050,387,200	ContractsAmountPrice200\$ 50,387,200\$ 2,40019849,883,3282,39520150,639,1362,39019950,135,2642,42020150,639,1362,43020250,891,0722,44020050,387,2002,45020150,639,1362,45020250,387,2002,43520050,387,2002,43520050,387,2002,435	ContractsAmountPriceDate200\$50,387,200\$2,40010/2/1719849,883,3282,39510/4/1720150,639,1362,39010/6/1719950,135,2642,42010/9/1720150,639,1362,43010/11/1720250,891,0722,44010/13/1720050,387,2002,45010/16/1720050,387,2002,43510/20/1720050,387,2002,43510/20/1720050,387,2002,43510/20/17	ContractsAmountPriceDate200\$50,387,200\$2,40010/2/17\$19849,883,3282,39510/4/1720150,639,1362,39010/6/1719950,135,2642,42010/9/1720150,639,1362,43010/11/1720250,891,0722,44010/13/1720050,387,2002,45010/16/1720150,639,1362,45010/18/1720050,387,2002,43510/20/1720050,387,2002,43510/20/1720050,387,2002,43510/23/17

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S&P 500 Index	i i i i i i i i i i i i i i i i i i i	199	50,135,264	2,455	10/27/17	126,365
Total					\$	569,113