

Eaton Vance Tax-Managed Global Diversified Equity Income Fund  
Form N-Q  
September 25, 2009

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**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

**Form N-Q**

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

**811-21973**

**Investment Company Act File Number**

**Eaton Vance Tax-Managed Global  
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)

**October 31**

Date of Fiscal Year End

**July 31, 2009**

Date of Reporting Period

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EX-99.CERT Section 302 Certification

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**Item 1. Schedule of Investments**

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**Table of Contents****Eaton Vance Tax-Managed Global Diversified Equity Income Fund****as of July 31, 2009****PORTFOLIO OF INVESTMENTS (Unaudited)****Common Stocks 101.7%**

<b>Security</b>	<b>Shares</b>	<b>Value</b>
<b>Aerospace &amp; Defense 1.1%</b>		
BAE Systems PLC	1,966,948	\$ 10,088,001
General Dynamics Corp.	320,461	17,750,335
Lockheed Martin Corp.	172,760	12,915,537
		<b>\$ 40,753,873</b>
<b>Automobiles 0.5%</b>		
Bayerische Motoren Werke AG	396,806	\$ 18,311,214
		<b>\$ 18,311,214</b>
<b>Beverages 2.1%</b>		
Diageo PLC	2,478,478	\$ 38,636,308
PepsiCo, Inc.	677,288	38,436,094
		<b>\$ 77,072,402</b>
<b>Biotechnology 2.2%</b>		
Amgen, Inc. <sup>(1)</sup>	292,823	\$ 18,245,801
Biogen Idec, Inc. <sup>(1)</sup>	340,006	16,167,285
Celgene Corp. <sup>(1)</sup>	211,145	12,026,819
Genzyme Corp. <sup>(1)</sup>	439,575	22,809,547
Gilead Sciences, Inc. <sup>(1)</sup>	227,404	11,126,878
		<b>\$ 80,376,330</b>
<b>Capital Markets 5.3%</b>		
Credit Suisse Group AG	1,276,575	\$ 60,325,619
Deutsche Bank AG	310,986	20,098,190
Goldman Sachs Group, Inc.	233,608	38,148,186
Invesco, Ltd.	523,558	10,340,271
Northern Trust Corp.	283,956	16,983,408
State Street Corp.	286,697	14,420,859
UBS AG <sup>(1)</sup>	2,174,334	32,049,683
		<b>\$ 192,366,216</b>
<b>Chemicals 1.0%</b>		
BASF AG	713,273	\$ 35,675,279

\$ 35,675,279

**Commercial Banks 9.3%**

Banco Bilbao Vizcaya Argentaria SA	2,776,096	\$ 45,449,960
Banco Santander Central Hispano SA	4,402,021	63,745,848
Barclays PLC	4,619,299	23,479,702
BNP Paribas SA	553,707	40,205,413
HSBC Holdings PLC	9,563,920	96,775,705
Intesa Sanpaolo SpA <sup>(1)</sup>	6,373,478	23,699,182
PNC Financial Services Group, Inc.	316,132	11,589,399
U.S. Bancorp	465,932	9,509,672
Wells Fargo & Co.	1,027,950	25,143,657

\$ 339,598,538

**Commercial Services & Supplies 0.4%**

Waste Management, Inc.	579,774	\$ 16,297,447
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\$ 16,297,447

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	<b>Shares</b>	<b>Value</b>
<b>Security</b>		
<b>Communications Equipment 2.2%</b>		
Nokia Oyj ADR	1,539,746	\$ 20,540,212
QUALCOMM, Inc.	619,801	28,641,004
Telefonaktiebolaget LM Ericsson ADR	1,023,034	9,943,890
Telefonaktiebolaget LM Ericsson, Class B	2,052,369	20,205,849
		<b>\$ 79,330,955</b>
<b>Computers &amp; Peripherals 3.4%</b>		
Apple, Inc. <sup>(1)</sup>	243,749	\$ 39,826,149
Hewlett-Packard Co.	929,306	40,238,950
International Business Machines Corp.	359,049	42,342,649
		<b>\$ 122,407,748</b>
<b>Consumer Finance 0.3%</b>		
Discover Financial Services	799,580	\$ 9,499,010
		<b>\$ 9,499,010</b>
<b>Diversified Financial Services 1.3%</b>		
Bank of America Corp.	583,022	\$ 8,622,895
JPMorgan Chase & Co.	1,013,486	39,171,234
		<b>\$ 47,794,129</b>
<b>Diversified Telecommunication Services 3.1%</b>		
AT&T, Inc.	750,567	\$ 19,687,372
BCE, Inc.	1,000,000	23,040,000
France Telecom SA	1,040,537	25,954,026
Koninklijke KPN NV	1,712,819	25,762,499
Verizon Communications, Inc.	578,457	18,551,116
		<b>\$ 112,995,013</b>
<b>Electric Utilities 2.6%</b>		
American Electric Power Co., Inc.	366,753	\$ 11,354,673
E.ON AG	1,223,459	46,226,741
FirstEnergy Corp.	247,290	10,188,348
Iberdrola SA	3,051,720	26,164,749
		<b>\$ 93,934,511</b>
<b>Electrical Equipment 1.8%</b>		
ABB, Ltd.	2,539,654	\$ 46,420,586
Emerson Electric Co.	539,496	19,626,864

		<b>\$ 66,047,450</b>
<b>Energy Equipment &amp; Services</b>	<b>0.3%</b>	
Diamond Offshore Drilling, Inc.	111,816	\$ 10,048,904
		<b>\$ 10,048,904</b>
<b>Food &amp; Staples Retailing</b>	<b>3.1%</b>	
Carrefour SA	644,218	\$ 30,206,859
CVS Caremark Corp.	632,815	21,186,646
Tesco PLC	5,552,013	34,008,221
Wal-Mart Stores, Inc.	541,492	27,009,621
		<b>\$ 112,411,347</b>
<b>Food Products</b>	<b>5.2%</b>	
Danone	345,834	\$ 18,514,164
Nestle SA	2,936,104	120,657,538
Unilever NV	1,874,686	51,092,686
		<b>\$ 190,264,388</b>

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	<b>Shares</b>	<b>Value</b>
<b>Security</b>		
<b>Health Care Equipment &amp; Supplies 0.9%</b>		
Baxter International, Inc.	142,960	\$ 8,058,655
Boston Scientific Corp. <sup>(1)</sup>	1,358,587	14,591,224
Covidien, Ltd.	265,923	10,054,549
		<b>\$ 32,704,428</b>
<b>Health Care Providers &amp; Services 0.9%</b>		
Aetna, Inc.	441,195	\$ 11,899,029
Fresenius Medical Care AG & Co. KGaA ADR	201,673	9,254,774
UnitedHealth Group, Inc.	477,996	13,412,568
		<b>\$ 34,566,371</b>
<b>Hotels, Restaurants &amp; Leisure 1.0%</b>		
Carnival Corp.	262,863	\$ 7,357,535
McDonald's Corp.	552,116	30,399,507
		<b>\$ 37,757,042</b>
<b>Household Products 1.9%</b>		
Colgate-Palmolive Co.	327,287	\$ 23,708,670
Procter & Gamble Co.	593,012	32,918,096
Reckitt Benckiser Group PLC	300,210	14,422,863
		<b>\$ 71,049,629</b>
<b>Industrial Conglomerates 3.4%</b>		
General Electric Co.	2,044,566	\$ 27,397,184
Philips Electronics NV	1,142,912	26,018,204
Siemens AG	902,535	71,924,972
		<b>\$ 125,340,360</b>
<b>Insurance 3.5%</b>		
Allianz SE	244,612	\$ 24,151,541
MetLife, Inc.	466,637	15,842,326
Prudential Financial, Inc.	346,344	15,332,649
Prudential PLC	3,507,771	26,268,874
Zurich Financial Services AG	242,060	47,535,247
		<b>\$ 129,130,637</b>
<b>Internet &amp; Catalog Retail 0.4%</b>		
Amazon.com, Inc. <sup>(1)</sup>	184,744	\$ 15,843,646
		<b>\$ 15,843,646</b>

**Internet Software & Services 0.8%**

Google, Inc., Class A <sup>(1)</sup>	62,629	\$ 27,747,779
		<b>\$ 27,747,779</b>

**IT Services 0.9%**

Accenture, Ltd., Class A	250,585	\$ 8,788,016
MasterCard, Inc., Class A	61,562	11,944,875
Western Union Co.	602,489	10,531,508
		<b>\$ 31,264,399</b>

**Machinery 0.8%**

Danaher Corp.	337,960	\$ 20,696,670
Illinois Tool Works, Inc.	204,245	8,282,135
		<b>\$ 28,978,805</b>

**Media 1.8%**

Comcast Corp., Class A	2,052,262	\$ 30,496,613
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<b>Security</b>	<b>Shares</b>	<b>Value</b>
Vivendi SA	1,413,617	\$ 36,236,095
		<b>\$ 66,732,708</b>
<b>Metals &amp; Mining 5.4%</b>		
Anglo American PLC	922,751	\$ 29,758,992
ArcelorMittal	349,570	12,598,208
BHP Billiton, Ltd. ADR	939,286	59,137,447
Freeport-McMoRan Copper & Gold, Inc.	322,617	19,453,805
Goldcorp, Inc.	2,067,557	77,926,223
		<b>\$ 198,874,675</b>
<b>Multi-Utilities 2.6%</b>		
GDF Suez	1,341,840	\$ 51,266,888
Public Service Enterprise Group, Inc.	547,082	17,752,811
RWE AG	326,245	27,523,343
		<b>\$ 96,543,042</b>
<b>Multiline Retail 0.4%</b>		
Target Corp.	298,545	\$ 13,022,533
		<b>\$ 13,022,533</b>
<b>Oil, Gas &amp; Consumable Fuels 13.4%</b>		
Anadarko Petroleum Corp.	617,147	\$ 29,746,485
BP PLC	11,828,531	98,090,217
Chevron Corp.	466,712	32,422,483
ENI SpA	3,349,689	78,271,339
Exxon Mobil Corp.	644,616	45,374,520
Hess Corp.	413,750	22,839,000
Occidental Petroleum Corp.	376,344	26,848,381
Royal Dutch Shell PLC, Class B	2,416,333	62,656,850
Total SA	1,485,146	82,367,194
XTO Energy, Inc.	258,281	10,390,645
		<b>\$ 489,007,114</b>
<b>Pharmaceuticals 8.7%</b>		
Abbott Laboratories	622,976	\$ 28,027,690
AstraZeneca PLC	701,612	32,679,799
Bristol-Myers Squibb Co.	643,680	13,993,603
GlaxoSmithKline PLC	2,881,316	55,204,684
Johnson & Johnson	233,671	14,228,227
Merck & Co., Inc.	735,862	22,083,219
Novartis AG	1,727,900	78,946,859

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Pfizer, Inc.	647,653	10,317,112
Sanofi-Aventis SA	679,485	44,456,823
Teva Pharmaceutical Industries, Ltd. ADR	335,351	17,887,623
		<b>\$ 317,825,639</b>
<b>Real Estate Investment Trusts (REITs) 0.5%</b>		
AvalonBay Communities, Inc.	145,363	\$ 8,460,127
Boston Properties, Inc.	184,684	9,769,783
		<b>\$ 18,229,910</b>
<b>Road &amp; Rail 0.4%</b>		
CSX Corp.	341,051	\$ 13,682,966
		<b>\$ 13,682,966</b>
<b>Semiconductors &amp; Semiconductor Equipment 1.7%</b>		
Applied Materials, Inc.	760,919	\$ 10,500,682
ASML Holding NV	837,717	21,789,019

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	<b>Shares</b>		<b>Value</b>
<b>Security</b>			
Broadcom Corp., Class A <sup>(1)</sup>	202,286	\$	5,710,534
NVIDIA Corp. <sup>(1)</sup>	993,605		12,847,313
Taiwan Semiconductor Manufacturing Co., Ltd. ADR	960,522		10,056,663
		<b>\$</b>	<b>60,904,211</b>
 <b>Software 2.0%</b>			
Microsoft Corp.	1,455,398	\$	34,230,961
Oracle Corp.	1,092,814		24,183,974
SAP AG	322,797		15,202,804
		<b>\$</b>	<b>73,617,739</b>
 <b>Specialty Retail 2.3%</b>			
Best Buy Co., Inc.	663,969	\$	24,812,521
Gap, Inc. (The)	452,366		7,382,613
Hennes & Mauritz AB	209,774		12,501,563
Home Depot, Inc.	1,073,420		27,844,515
TJX Companies, Inc. (The)	306,133		11,091,199
		<b>\$</b>	<b>83,632,411</b>
 <b>Textiles, Apparel &amp; Luxury Goods 0.3%</b>			
LVMH Moet Hennessy Louis Vuitton SA	133,477	\$	12,042,645
		<b>\$</b>	<b>12,042,645</b>
 <b>Tobacco 0.8%</b>			
British American Tobacco PLC	501,355	\$	15,561,798
Philip Morris International, Inc.	275,747		12,849,810
		<b>\$</b>	<b>28,411,608</b>
 <b>Wireless Telecommunication Services 1.7%</b>			
Vodafone Group PLC	30,939,483	\$	63,611,427
		<b>\$</b>	<b>63,611,427</b>
 <b>Total Common Stocks (identified cost \$4,185,737,440)</b>		<b>\$</b>	<b>3,715,706,478</b>
 <b>Short-Term Investments 1.7%</b>			
		<b>Interest</b>	

<b>Description</b>	<b>(000 s omitted)</b>	<b>Value</b>
Cash Management Portfolio, 0.00% <sup>(2)</sup>	\$ 61,004	\$ 61,004,228
<b>Total Short-Term Investments (identified cost \$61,004,228)</b>		<b>\$ 61,004,228</b>
<b>Total Investments 103.4% (identified cost \$4,246,741,668)</b>		<b>\$ 3,776,710,706</b>

**Table of Contents****Covered Call Options Written (3.6)%**

<b>Description</b>	<b>Number of Contracts</b>	<b>Strike Price</b>	<b>Expiration Date</b>	<b>Value</b>
AMEX EUROTOP 100 Index	22,708	\$ 185	8/18/09	\$ (31,373,146)
Dow Jones Euro Stoxx 50 Index	73,000	EUR 2,400	8/21/09	(25,595,526)
FTSE 100 Index	19,730	GBP 4,250	8/21/09	(11,370,504)
S&P 500 Index	2,310	\$ 905	8/22/09	(19,126,800)
S&P 500 Index	1,230	\$ 925	8/22/09	(7,763,760)
S&P 500 Index	3,328	\$ 930	8/22/09	(20,633,600)
S&P 500 Index	2,240	\$ 935	8/22/09	(12,550,720)
SMI Index	9,171	CHF 5,450	8/21/09	(4,387,044)
<b>Total Covered Call Options Written (premiums received \$42,826,055)</b>				<b>\$ (132,801,100)</b>
<b>Other Assets, Less Liabilities 0.2%</b>				<b>\$ 8,374,142</b>
<b>Net Assets 100.0%</b>				<b>\$ 3,652,283,748</b>

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

ADR - American Depository Receipt

CHF - Swiss Franc

EUR - Euro

GBP - British Pound Sterling

(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 July 31, 2009. Net income allocated from the investment in Cash Management Portfolio for the fiscal year to date ended July 31, 2009 was \$415,939.

**Table of Contents****Country Concentration of Portfolio**

<b>Country</b>	<b>Percentage of Net Assets</b>	<b>Value</b>
United States	41.6%	\$ 1,517,541,233
United Kingdom	16.5	601,243,441
Switzerland	10.6	385,935,532
France	9.3	341,250,107
Germany	7.3	268,368,858
Spain	3.7	135,360,557
Netherlands	3.4	124,662,408
Italy	2.8	101,970,521
Canada	2.8	100,966,223
Australia	1.6	59,137,447
Sweden	1.2	42,651,302
Finland	0.6	20,540,212
Bermuda	0.5	19,128,287
Israel	0.5	17,887,623
Luxembourg	0.3	12,598,208
Taiwan	0.3	10,056,663
Ireland	0.3	10,054,549
Panama	0.2	7,357,535
<b>Total Investments</b>	<b>103.4%</b>	<b>\$ 3,776,710,706</b>

The cost and unrealized appreciation (depreciation) of investments of the Fund at July 31, 2009, as determined on a federal income tax basis, were as follows:

<b>Aggregate cost</b>	<b>\$ 4,247,296,357</b>
Gross unrealized appreciation	\$ 218,958,949
Gross unrealized depreciation	(689,544,600)
<b>Net unrealized depreciation</b>	<b>\$ (470,585,651)</b>

Written call options activity for the fiscal year to date ended July 31, 2009 was as follows:

	<b>Number of Contracts</b>	<b>Premiums Received</b>
Outstanding, beginning of period	145,492	\$ 122,260,511
Options written	1,269,022	589,039,816
Options terminated in closing purchase transactions	(1,142,290)	(561,806,445)
Options expired	(138,507)	(106,667,827)

<b>Outstanding, end of period</b>	<b>133,717</b>	<b>\$</b>	<b>42,826,055</b>
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All of the assets of the Fund are subject to segregation to satisfy the requirements of the escrow agent. At July 31, 2009, 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 objective. The Fund generally intends to write index call options above the current value of an 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.

At July 31, 2009, the aggregate fair value of derivative instruments (not accounted for as hedging instruments under Financial Accounting Standards Board (FASB) Statement of Financial Accounting Standards No. 133) in a liability position and whose primary underlying risk exposure is equity price risk was \$132,801,100.

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The Fund adopted FASB Statement of Financial Accounting Standards No. 157 (FAS 157), Fair Value Measurements, effective November 1, 2008. FAS 157 established a three-tier hierarchy to prioritize the assumptions, referred to as inputs, 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.

At July 31, 2009, the inputs used in valuing the Fund's investments, which are carried at value, were as follows:

Asset Description	Quoted Prices in Active Markets for Identical Assets	Significant Other Observable Inputs	Significant Unobservable Inputs	Total
	(Level 1)	(Level 2)	(Level 3)	
Common Stocks				
Consumer Discretionary	\$ 168,250,682	\$ 79,091,517	\$	\$ 247,342,199
Consumer Staples	156,108,937	323,100,437		479,209,374
Energy	177,670,418	321,385,600		499,056,018
Financials	264,883,159	471,735,281		736,618,440
Health Care	254,184,603	211,288,165		465,472,768
Industrials	136,649,138	154,451,763		291,100,901
Information Technology	359,864,178	35,408,653		395,272,831
Materials	156,517,475	78,032,479		234,549,954
Telecommunication Services	61,278,488	115,327,952		176,606,440
Utilities	39,295,832	151,181,721		190,477,553
Total Common Stocks	\$ 1,774,702,910	\$ 1,941,003,568*	\$	\$ 3,715,706,478
Short-Term Investments	61,004,228			61,004,228
<b>Total Investments</b>	<b>\$ 1,835,707,138</b>	<b>\$ 1,941,003,568</b>	<b>\$</b>	<b>\$ 3,776,710,706</b>
<b>Liability Description</b>				
Covered Call Options Written	\$ (132,801,100)	\$	\$	\$ (132,801,100)

<b>Total</b>	<b>\$ (132,801,100)</b>	<b>\$</b>	<b>\$ (132,801,100)</b>
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\* 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 October 31, 2008 whose fair value was determined using Level 3 inputs.

For information on the Fund's policy regarding 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.

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**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 Tax-Managed Global Diversified Equity Income Fund**

By: /s/ Duncan W. Richardson

Duncan W. Richardson  
President

Date: September 25, 2009

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: September 25, 2009

By: /s/ Barbara E. Campbell

Barbara E. Campbell  
Treasurer

Date: September 25, 2009