EATON VANCE TAX ADVANTAGED GLOBAL DIVIDEND INCOME FUND Form N-Q March 31, 2011

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 Form N-Q QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANIES 811-21470

Investment Company Act File Number Eaton Vance Tax-Advantaged Global Dividend 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
January 31, 2011
Date of Reporting Period

Item 1. Schedule of Investments

Eaton Vance Tax-Advantaged Global Dividend Income Fund

as of January 31, 2011

PORTFOLIO OF INVESTMENTS (Unaudited)

Common Stocks 108.3%

| Air Liquide SA ⁽¹⁾ 75,000 \$ 9,356,518 Commercial Banks 4.9% 385,000 \$ 20,203,178 Commonwealth Bank of Australia ⁽¹⁾ 385,000 \$ 20,203,178 State Bank of India GDR ⁽¹⁾ 50,000 5,875,000 Wells Fargo & Co. ⁽¹⁾ 985,461 31,948,646 Communications Equipment 2.2% QUALCOMM, Inc. 250,000 \$ 13,532,500 Telefonaktiebolaget LM Ericsson, Class B ⁽¹⁾ 1,050,000 \$ 26,477,755 Computers & Peripherals 0.9% Hewlett-Packard Co. ⁽¹⁾ 225,000 \$ 10,280,250 | Security Chemicals 0.8% | Shares | Value |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-----------|-------------------|
| Commercial Banks 4.9% Commonwealth Bank of Australia ⁽¹⁾ 385,000 \$ 20,203,178 State Bank of India GDR ⁽¹⁾ 50,000 5,875,000 Wells Fargo & Co. ⁽¹⁾ 985,461 31,948,646 Communications Equipment 2.2% QUALCOMM, Inc. 250,000 \$ 13,532,500 Telefonaktiebolaget LM Ericsson, Class B ⁽¹⁾ 1,050,000 12,945,255 Computers & Peripherals 0.9% Hewlett-Packard Co. ⁽¹⁾ 225,000 \$ 10,280,250 | | 75,000 | \$ 9,356,518 |
| Commonwealth Bank of Australia ⁽¹⁾ 385,000 \$ 20,203,178 State Bank of India GDR ⁽¹⁾ 50,000 5,875,000 Wells Fargo & Co. ⁽¹⁾ 985,461 31,948,646 Communications Equipment 2.2% QUALCOMM, Inc. 250,000 \$ 13,532,500 Telefonaktiebolaget LM Ericsson, Class B ⁽¹⁾ 1,050,000 12,945,255 Computers & Peripherals 0.9% Hewlett-Packard Co. ⁽¹⁾ 225,000 \$ 10,280,250 | | | \$ 9,356,518 |
| State Bank of India GDR ⁽¹⁾ 50,000 5,875,000 Wells Fargo & Co. ⁽¹⁾ 985,461 31,948,646 Communications Equipment 2.2% QUALCOMM, Inc. 250,000 \$ 13,532,500 Telefonaktiebolaget LM Ericsson, Class B ⁽¹⁾ 1,050,000 12,945,255 Computers & Peripherals 0.9% Hewlett-Packard Co. ⁽¹⁾ 225,000 \$ 10,280,250 | | | |
| Wells Fargo & Co.(1) 985,461 31,948,646 Communications Equipment 2.2% QUALCOMM, Inc. 250,000 \$ 13,532,500 Telefonaktiebolaget LM Ericsson, Class B(1) 1,050,000 12,945,255 Computers & Peripherals 0.9% Hewlett-Packard Co.(1) 225,000 \$ 10,280,250 | | • | \$ |
| Communications Equipment 2.2% QUALCOMM, Inc. 250,000 \$ 13,532,500 Telefonaktiebolaget LM Ericsson, Class B(1) 1,050,000 12,945,255 Computers & Peripherals 0.9% Hewlett-Packard Co.(1) 225,000 \$ 10,280,250 | | • | |
| QUALCOMM, Inc. 250,000 \$ 13,532,500 Telefonaktiebolaget LM Ericsson, Class B(1) 1,050,000 12,945,255 Computers & Peripherals 0.9% \$ 26,477,755 Hewlett-Packard Co.(1) 225,000 \$ 10,280,250 | | | \$ 58,026,824 |
| Telefonaktiebolaget LM Ericsson, Class B ⁽¹⁾ 1,050,000 12,945,255 26,477,755 Computers & Peripherals 0.9% Hewlett-Packard Co. ⁽¹⁾ 225,000 \$ 10,280,250 | Communications Equipment 2.2% | | |
| \$ 26,477,755 Computers & Peripherals 0.9% Hewlett-Packard Co. ⁽¹⁾ 225,000 \$ 10,280,250 | | , | \$ |
| Computers & Peripherals 0.9% Hewlett-Packard Co. ⁽¹⁾ 225,000 \$ 10,280,250 | Telefonaktiebolaget LM Ericsson, Class B ⁽¹⁾ | 1,050,000 | 12,945,255 |
| Hewlett-Packard Co. ⁽¹⁾ 225,000 \$ 10,280,250 | | | \$ 26,477,755 |
| | | | |
| \$ 10.280.250 | Hewlett-Packard Co. ⁽¹⁾ | 225,000 | \$ 10,280,250 |
| Ψ 10,200,230 | | | \$ 10,280,250 |
| Diversified Telecommunication Services 2.7% | | | |
| AT&T, Inc. ⁽¹⁾ 630,000 \$ 17,337,600 | | • | \$ |
| BCE, Inc. ⁽¹⁾ 400,000 14,532,000 | BCE, Inc. ⁽¹⁾ | 400,000 | 14,532,000 |
| \$ 31,869,600 | | | \$ 31,869,600 |
| Electric Utilities 9.1% | Electric Utilities 9.1% | | |
| E.ON $AG^{(1)}$ 400,000 \$ 13,344,859 | | • | \$ |
| Edison International ⁽¹⁾ 350,000 12,698,000 | | · · | |
| Enel SpA ⁽¹⁾ 2,364,872 13,351,004 | | | |
| Entergy Corp. ⁽¹⁾ 225,000 16,238,250 1,550,000 28,775,750 | | • | |
| Scottish and Southern Energy PLC ⁽¹⁾ 1,550,000 28,775,750 Terna Rete Elettrica Nazionale SpA ⁽¹⁾ 5,500,000 24,022,028 | ••• | | |
| | Terna Nete Elettrea Nazionale Spinio | 3,300,000 | |
| \$ 108,429,891 | | | \$ 108,429,891 |
| Electrical Equipment 1.7% ABB, Ltd. (1)(2) 840,000 \$ 19,844,933 | | 840,000 | \$ 19,844,933 |

| | | \$ 19,844,933 |
|----------------------------------------------------------------|---------|------------------|
| Energy Equipment & Services 1.4% Seadrill, Ltd. ⁽¹⁾ | 500,000 | \$ 16,466,974 |
| | | \$ 16,466,974 |
| Food & Staples Retailing 0.4% | | |
| George Weston, Ltd. | 70,000 | \$ 4,955,610 |
| | | \$ 4,955,610 |
| Food Products 3.6% | | |
| Nestle SA ⁽¹⁾ | 800,000 | \$ 43,220,617 |
| | | \$ 43,220,617 |
| Hotels, Restaurants & Leisure 4.9% | | |
| McDonald s Corp!) | 800,000 | \$ 58,936,000 |
| | | \$ 58,936,000 |
| Household Durables 0.9% | | |
| Garmin, Ltd. ⁽¹⁾ | 350,000 | \$ 10,790,500 |
| | | \$ 10,790,500 |
| 1 | | |
| 1 | | |

| Security 2.0% | Shares | | Value |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----|--------------------------|
| Independent Power Producers & Energy Traders 3.0% Huaneng Power International, Inc., Class H ⁽¹⁾ International Power PLC ⁽¹⁾ | 5,999,617 4,750,000 | \$ | 3,348,204 32,110,158 |
| | | \$ | 35,458,362 |
| Industrial Conglomerates 2.2% | | | |
| Siemens AG | 205,000 | \$ | 26,279,676 |
| | | \$ | 26,279,676 |
| Insurance 11.4% | | | |
| Allianz SE ⁽¹⁾ | 225,000 | \$ | 31,276,631 |
| Aviva PLC ⁽¹⁾ | 4,500,000 | | 32,002,954 |
| MetLife, Inc. ⁽¹⁾ | 750,000 | | 34,327,500 |
| Progressive Corp. | 500,000 | | 9,905,000 |
| Prudential Financial, Inc. ⁽¹⁾ | 470,000 | | 28,909,700 |
| | | \$ | 136,421,785 |
| IT Services 1.5% | | | |
| International Business Machines Corp. (1) | 110,000 | \$ | 17,820,000 |
| | | \$ | 17,820,000 |
| Machinery 5.6% | 600,000 | Φ | 54.540.000 |
| Deere & Co. ⁽¹⁾ Parker Hannifin Corp. ⁽¹⁾ | 600,000 135,000 | \$ | 54,540,000 12,070,350 |
| • | | \$ | 66,610,350 |
| | | Ψ | 00,010,330 |
| Metals & Mining 5.2% KGHM Polska Miedz SA ⁽¹⁾ | 150,000 | \$ | 8,779,159 |
| Southern Copper Corp.(1) | 1,200,000 | | 53,784,000 |
| | | \$ | 62,563,159 |
| Multi-Utilities 2.8% GDF Suez ⁽¹⁾ | 460,000 | \$ | 19 220 544 |
| National Grid PLC ⁽¹⁾ | • | Ф | 18,220,544 |
| | 500,000 | | 4,434,351 |
| United Utilities Group PLC ⁽¹⁾ | 1,250,000 | | 10,881,026 |
| | | \$ | 33,535,921 |
| Oil, Gas & Consumable Fuels 14.6% | | | |
| Chevron Corp. ⁽¹⁾ | 650,000 | \$ | 61,704,500 |
| ConocoPhillips ⁽¹⁾ | 235,000 | | 16,793,100 |
| - | | | • |

| ENI SpA ⁽¹⁾ Marathon Oil Corp. ⁽¹⁾ Repsol YPF SA ⁽¹⁾ Statoil ASA ⁽¹⁾ | 1,550,000 400,000 500,000 1,000,000 | | 36,697,904 18,280,000 15,738,305 24,300,403 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------|
| | | \$ | 173,514,212 |
| Pharmaceuticals 9.2% AstraZeneca PLC Merck & Co., Inc. ⁽¹⁾ Novartis AG Pfizer, Inc. ⁽¹⁾ Roche Holding AG Takeda Pharmaceutical Co., Ltd. ⁽¹⁾ | 175,000 320,000 460,000 835,000 150,000 570,000 | \$ | 8,531,930 10,614,400 25,608,118 15,213,700 22,820,695 27,474,417 |
| | | \$ | 110,263,260 |
| Real Estate Investment Trusts (REITs) 4.6% Annaly Capital Management, Inc.(1) AvalonBay Communities, Inc.(1) | 1,750,000 206,322 | \$ \$ | 31,202,500 23,918,909 55,121,409 |
| Road & Rail 4.4% Norfolk Southern Corp. ⁽¹⁾ Union Pacific Corp. ⁽¹⁾ | 435,000 270,000 | \$ \$ | 26,617,650 25,550,100 52,167,750 |

| Security | Shares | | Value |
|---------------------------------------------------|---------|------|--------------|
| Software 1.2% | | | |
| Microsoft Corp. ⁽¹⁾ | 500,000 | \$ | 13,862,500 |
| | | \$ | 13,862,500 |
| Tobacco 7.5% | | | |
| Altria Group, Inc. ⁽¹⁾ | 350,000 | \$ | 8,228,500 |
| British American Tobacco PLC | 415,000 | | 15,327,099 |
| Imperial Tobacco Group PLC | 600,000 | | 17,126,746 |
| Philip Morris International, Inc. ⁽¹⁾ | 850,000 | | 48,654,000 |
| | | \$ | 89,336,345 |
| Wireless Telecommunication Services 1.6% | | | |
| Millicom International Cellular SA ⁽¹⁾ | 200,000 | \$ | 18,650,000 |
| | | \$ | 18,650,000 |
| Total Common Stocks | | | |
| (identified cost \$935,302,733) | | \$ 1 | ,290,260,201 |

Preferred Stocks 16.9%

| Security | Shares | Value |
|----------------------------------------------------------|---------|--------------|
| Commercial Banks 9.4% | | |
| Bank of America Corp., 8.125% ⁽³⁾ | 5,605 | \$ 5,915,668 |
| Barclays Bank PLC, 7.434% ⁽³⁾⁽⁴⁾ | 8,450 | 8,384,960 |
| BBVA International SA Unipersonal, 5.919% ⁽³⁾ | 6,370 | 4,939,120 |
| BNP Paribas, 7.195% ⁽³⁾⁽⁴⁾ | 140 | 13,510,154 |
| Credit Agricole SA/London, 6.637% ⁽³⁾⁽⁴⁾ | 9,950 | 8,744,568 |
| Farm Credit Bank of Texas, Series I, 10.00% | 7,625 | 8,072,969 |
| JPMorgan Chase & Co., 7.90% ⁽³⁾ | 10,910 | 12,021,871 |
| KeyCorp, Series A, 7.75% | 65,000 | 7,189,000 |
| Landsbanki Islands HF, 7.431% ⁽²⁾⁽³⁾⁽⁴⁾⁽⁵⁾⁽⁶⁾ | 14,850 | 0 |
| Lloyds Banking Group PLC, 6.657% ⁽²⁾⁽³⁾⁽⁴⁾ | 18,000 | 12,915,000 |
| Royal Bank of Scotland Group PLC, 7.648% ⁽³⁾ | 3,450 | 3,108,636 |
| Royal Bank of Scotland Group PLC, Series F, 7.65% | 57,778 | 1,268,227 |
| Royal Bank of Scotland Group PLC, Series L, 5.75% | 204,405 | 3,628,189 |
| Santander Finance SA Unipersonal, 10.50% | 117,780 | 3,295,484 |
| Standard Chartered PLC, 6.409% ⁽³⁾⁽⁴⁾ | 99 | 9,280,339 |
| Wells Fargo & Co., Class A, 7.50% | 9,600 | 10,008,000 |

| Diversified Financial Services 0.3% | | |
|------------------------------------------------------|---------|------------------|
| Heller Financial, Inc., Series D, 6.95% | 31,000 | \$ 3,079,658 |
| | | \$ 3,079,658 |
| Electric Utilities 0.9% | | |
| Entergy Arkansas, Inc., 6.45% | 54,000 | \$ 1,343,250 |
| Georgia Power Co., 6.50% | 20,000 | 2,066,876 |
| Southern California Edison Co., 6.00% | 82,931 | 7,873,262 |
| | | \$ 11,283,388 |
| Food Products 0.6% | | |
| Dairy Farmers of America, 7.875% ⁽⁴⁾ | 75,230 | \$ 6,747,190 |
| Ocean Spray Cranberries, Inc., 6.25% ⁽⁴⁾ | 12,750 | 1,000,875 |
| | | \$ 7,748,065 |
| Insurance 4.5% | | |
| Aegon NV, 6.375% | 180,238 | \$ 3,882,326 |
| Allianz SE, 8.375% | 34,080 | 897,797 |
| Arch Capital Group, Ltd., Series A, 8.00% | 2,985 | 75,819 |
| AXA SA, $6.379\%^{(3)(4)}$ | 4,810 | 4,381,487 |
| AXA SA, $6.463\%^{(3)(4)}$ | 8,225 | 7,349,227 |
| Endurance Specialty Holdings, Ltd., Series A, 7.75% | 246,200 | 6,428,282 |
| ING Capital Funding Trust III, 3.903% ⁽³⁾ | 18,300 | 17,553,031 |
| 3 | | |

| Security | Shares | Value |
|--------------------------------------------------------|---------|-------------------|
| Prudential PLC, 6.50% | 8,500 | \$ 7,987,637 |
| RenaissanceRe Holdings, Ltd., Series C, 6.08% | 157,500 | 3,676,050 |
| RenaissanceRe Holdings, Ltd., Series D, 6.60% | 56,153 | 1,375,748 |
| | | \$ 53,607,404 |
| Marine 0.5% | | |
| Seaspan Corp., 9.50% | 228,000 | \$ 5,905,200 |
| | | \$ 5,905,200 |
| Real Estate Investment Trusts (REITs) 0.7% | | |
| CapLease, Inc., Series A, 8.125% | 200,000 | \$ 5,007,000 |
| Developers Diversified Realty Corp., Series G, 8.00% | 49,100 | 1,220,626 |
| Developers Diversified Realty Corp., Series I, 7.50% | 67,000 | 1,573,160 |
| | | \$ 7,800,786 |
| Total Preferred Stocks (identified cost \$219,352,567) | | \$ 201,706,686 |

Corporate Bonds & Notes 7.7%

| | | incipal mount | |
|-----------------------------------------------------------------------------------|------|------------------|------------------|
| Security | (000 | s omitted) | Value |
| Commercial Banks 2.6% | | | |
| Banco Industriale Comercial SA, 8.50%, 4/27/20 ⁽⁴⁾ | \$ | 1,050 | \$ 1,085,438 |
| Citigroup Capital XXI, 8.30% to 12/21/37, 12/21/57, 12/21/77 ⁽⁷⁾⁽⁸⁾ | | 10,460 | 10,969,925 |
| Groupe BPCE, 12.50% to 9/30/19, 8/29/49 ⁽⁴⁾⁽⁷⁾ | | 4,505 | 4,986,386 |
| Northgroup Preferred Capital Corp., 6.378% to 10/15/17, 1/29/49 ⁽⁴⁾⁽⁷⁾ | | 8,900 | 8,227,792 |
| PNC Preferred Funding Trust II, 6.113% to 3/15/12, 3/29/49 ⁽⁴⁾⁽⁷⁾ | | 3,900 | 2,961,422 |
| SunTrust Preferred Capital I, 5.853% to 12/15/11, 6/29/49 ⁽⁷⁾ | | 2,800 | 2,149,000 |
| | | | \$ 30,379,963 |
| Diversified Financial Services 1.0% | | | |
| GE Capital Trust I, 6.375% to 11/15/17, 11/15/67 ⁽⁷⁾ | \$ | 5,115 | \$ 5,185,331 |
| HSBC Finance Capital Trust IX, 5.911% to 11/30/15, 11/30/35 ⁽⁷⁾ | | 6,515 | 6,311,407 |
| | | | \$ 11,496,738 |
| Electric Utilities 1.6% Energisa SA, 9.50%, 1/29/49 ⁽⁴⁾ | \$ | 2,300 | \$ 2,271,250 |

| Integrys Energy Group, Inc., 6.11% to 12/1/16, 12/1/66 ⁽⁷⁾ PPL Capital Funding, Inc., Series A, 6.70% to 3/30/17, 3/30/67 ⁽⁷⁾ Wisconsin Energy Corp., 6.25% to 5/15/17, 5/15/67 ⁽⁷⁾ | | 6,110 8,600 2,700 | | 5,933,842 8,459,992 2,696,709 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------------------------|----|-------------------------------------|
| | | | \$ | 19,361,793 |
| Insurance 1.2% | Φ. | 2.660 | Φ. | 2.500.402 |
| MetLife, Inc., 10.75% to 8/1/34, 8/1/39, 8/1/69 ⁽⁷⁾⁽⁸⁾ | \$ | 2,660 | \$ | 3,700,403 |
| QBE Capital Funding II LP, 6.797% to 6/1/17, 6/29/49 ⁽⁴⁾⁽⁷⁾ | | 2,115 | | 1,923,971 |
| XL Capital, Ltd., 6.50% to 4/15/17, 12/29/49 ⁽⁷⁾ | | 10,000 | | 9,138,000 |
| | | | \$ | 14,762,374 |
| Pipelines 0.9% | | | | |
| Enbridge Energy Partners, LP, 8.05% to 10/1/17, 10/1/37, 10/1/77 ⁽⁷⁾⁽⁸⁾ | \$ | 2,465 | \$ | 2,611,840 |
| Enterprise Products Operating, LLC, 7.00% to 6/1/17, 6/1/67 ⁽⁷⁾ | | 1,650 | | 1,645,411 |
| Enterprise Products Operating, LLC, 7.034% to 1/15/18, 1/15/68 ⁽⁷⁾ | | 1,270 | | 1,325,790 |
| Southern Union Co., 7.20% to 11/1/11, 11/1/66 ⁽⁷⁾ | | 4,385 | | 4,143,825 |
| TransCanada Pipelines, Ltd., 6.35% to 5/15/17, 5/15/67 ⁽⁷⁾ | | 1,152 | | 1,157,121 |
| | | | \$ | 10,883,987 |

| Security | | Principal Amount 00 s omitted) |) | Value |
|---------------------------------------------------------------------------------------------------------|---------|--------------------------------------|-----|---------------------------|
| Retail-Food and Drug 0.4% CVS Caremark Corp., 6.302% to 6/1/12, 6/1/37, 6/1/62 ⁽⁷⁾⁽⁸⁾ | \$ | 5,000 | | \$ 4,820,245 |
| | | | | \$ 4,820,245 |
| Total Corporate Bonds & Notes (identified cost \$87,108,165) | | | | \$ 91,705,100 |
| Short-Term Investments 0.7% | | | | |
| Description Eaton Vance Cash Reserves Fund, LLC, 0.21% ⁽⁹⁾ | | nterest s omitted) 8,447 | \$ | Value 8,446,968 |
| Total Short-Term Investments (identified cost \$8,446,968) | | | \$ | 8,446,968 |
| Total Investments 133.6% (identified cost \$1,250,210,433) | | | \$ | 1,592,118,955 |
| Other Assets, Less Liabilities (33.6)% | | | \$ | (400,624,241) |
| Net Assets 100.0% | | | \$ | 1,191,494,714 |
| The percentage shown for each investment category in the Portfolio of Investm | ents is | based on net | ass | sets. |

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

GDR - Global Depositary Receipt

- (1) Security has been segregated as collateral with the custodian for borrowings under the Committed Facility Agreement.
- (2) Non-income producing security.
- (3) Variable rate security. The stated interest rate represents the rate in effect at January 31, 2011.

(4)

Security exempt from registration pursuant to Rule 144A under the Securities Act of 1933. These securities may be sold in certain transactions (normally to qualified institutional buyers) and remain exempt from registration. At January 31, 2011, the aggregate value of these securities is \$93,770,059 or 7.9% of the Fund s net assets.

- (5) Defaulted security.
- (6) Security valued at fair value using methods determined in good faith by or at the direction of the Trustees.
- (7) Security converts to floating rate after the indicated fixed-rate coupon period.
- (8) The maturity dates shown are the scheduled maturity date and final maturity date, respectively. The scheduled maturity date is earlier than the final maturity date due to the possibility of earlier repayment.
- (9) 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 January 31, 2011. Net income allocated from the investment in Eaton Vance Cash Reserves Fund, LLC for the fiscal year to date ended January 31, 2011 was \$7,210.

Country Concentration of Portfolio

| | Percentage of Total | |
|--------------------------|------------------------|---------------------|
| Country | Investments | Value |
| United States | 54.2% | \$ 862,683,549 |
| United Kingdom | 10.5 | 167,001,430 |
| Switzerland | 7.7 | 122,284,863 |
| Italy | 4.6 | 74,070,936 |
| Germany | 4.5 | 71,798,963 |
| Peru | 3.4 | 53,784,000 |
| France | 2.8 | 44,294,162 |
| Japan | 1.7 | 27,474,417 |
| Norway | 1.5 | 24,300,403 |
| Australia | 1.4 | 22,127,149 |
| Canada | 1.3 | 20,644,731 |
| Luxembourg | 1.2 | 18,650,000 |
| Bermuda | 1.1 | 17,918,541 |
| Spain | 1.0 | 15,738,305 |
| Sweden | 0.8 | 12,945,255 |
| Cayman Islands | 0.6 | 9,138,000 |
| Poland | 0.5 | 8,779,159 |
| Hong Kong | 0.4 | 5,905,200 |
| India | 0.4 | 5,875,000 |
| Brazil | 0.2 | 3,356,688 |
| China | 0.2 | 3,348,204 |
| Iceland | 0.0 | 0 |
| Total Investments | 100.0% | \$ 1,592,118,955 |

The Fund did not have any open financial instruments at January 31, 2011.

The cost and unrealized appreciation (depreciation) of investments of the Fund at January 31, 2011, as determined on a federal income tax basis, were as follows:

| Net unrealized appreciation | \$ 340,285,987 |
|-------------------------------------------------------------|-----------------------------------|
| Gross unrealized appreciation Gross unrealized depreciation | \$ 372,987,546 (32,701,559) |
| Aggregate cost | \$ 1,251,832,968 |

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 January 31, 2011, the hierarchy of inputs used in valuing the Fund s investments, which are carried at value, were as follows:

| | uoted Prices in Active Markets for Identical Assets | Significant Other Observable Inputs | Unob | nificant servab uputs | |
|---------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------|------|-----------------------------|-------------------------------|
| Asset Description | (Level 1) | (Level 2) | (I | Level 3) | Total |
| Common Stocks | | | | | |
| Consumer Discretionary | \$ 69,726,500 | \$ | \$ | | \$ 69,726,500 |
| Consumer Staples | 61,838,110 | 75,674,462 | | | 137,512,572 |
| Energy | 96,777,600 | 93,203,586 | | | 189,981,186 |
| Financials | 166,087,255 | 83,482,763 | | | 249,570,018 |
| Health Care | 25,828,100 | 84,435,160 | | | 110,263,260 |
| Industrials | 145,057,776 | 19,844,933 | | | 164,902,709 |
| Information Technology | 55,495,250 | 12,945,255 | | | 68,440,505 |
| Materials | 53,784,000 | 18,135,677 | | | 71,919,677 |
| Telecommunication Services | 50,519,600 | 4.40.40=.004 | | | 50,519,600 |
| Utilities | 28,936,250 | 148,487,924 | | | 177,424,174 |
| Total Common Stocks | \$ 754,050,441 | \$ 536,209,760 | * \$ | | \$ 1,290,260,201 |
| Preferred Stocks | | | | | |
| Consumer Staples | \$ | \$ 7,748,065 | \$ | | \$ 7,748,065 |
| Financials | 48,627,911 | 128,142,122 | | 0 | 176,770,033 |
| Industrials | 5,905,200 | | | | 5,905,200 |
| Utilities | , , | 11,283,388 | | | 11,283,388 |
| Total Preferred Stocks | \$ 54,533,111 | \$ 147,173,575 | \$ | 0 | \$ 201,706,686 |
| Corporate Bonds & Notes Short-Term Investments | \$ | \$ 91,705,100 8,446,968 | \$ | | \$ 91,705,100 8,446,968 |
| Total | \$ 808,583,552 | \$ 783,535,403 | \$ | 0 | \$ 1,592,118,955 |

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.

There was no activity in investments valued based on Level 3 inputs during the fiscal year to date ended January 31, 2011 to require a reconciliation of Level 3 investments. At January 31, 2011, the value of investments transferred between Level 1 and Level 2, if any, during the fiscal year to date then ended was not significant.

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 Tax-Advantaged Global Dividend Income Fund

By: /s/ Judith A. Saryan Judith A. Saryan President

Date: March 24, 2011

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/ Judith A. Saryan Judith A. Saryan President

Date: March 24, 2011

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

Date: March 24, 2011