

Eaton Vance Enhanced Equity Income Fund II
Form N-Q
May 30, 2014

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form N-Q

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

811-21670

Investment Company Act File Number

Eaton Vance Enhanced Equity Income Fund II

(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, 2014

Date of Reporting Period

Item 1. Schedule of Investments

Eaton Vance**Enhanced Equity Income Fund II**

March 31, 2014

PORTFOLIO OF INVESTMENTS (Unaudited)**Common Stocks 99.4%**⁽¹⁾

| Security | Shares | Value |
|--|---------|----------------------|
| Aerospace & Defense 3.8% | | |
| Boeing Co. (The) | 116,744 | \$ 14,650,205 |
| United Technologies Corp. | 89,848 | 10,497,840 |
| | | \$ 25,148,045 |
| Air Freight & Logistics 0.7% | | |
| C.H. Robinson Worldwide, Inc. | 91,192 | \$ 4,777,549 |
| | | \$ 4,777,549 |
| Auto Components 1.1% | | |
| Dana Holding Corp. | 180,543 | \$ 4,201,236 |
| TRW Automotive Holdings Corp. ⁽²⁾ | 35,954 | 2,934,565 |
| | | \$ 7,135,801 |
| Banks 1.0% | | |
| PNC Financial Services Group, Inc. | 36,483 | \$ 3,174,021 |
| Wells Fargo & Co. | 65,669 | 3,266,376 |
| | | \$ 6,440,397 |
| Beverages 1.1% | | |
| Constellation Brands, Inc., Class A ⁽²⁾ | 85,053 | \$ 7,226,953 |
| | | \$ 7,226,953 |
| Biotechnology 4.7% | | |
| Biogen Idec, Inc. ⁽²⁾ | 32,537 | \$ 9,952,092 |
| Celgene Corp. ⁽²⁾ | 58,799 | 8,208,340 |
| Gilead Sciences, Inc. ⁽²⁾ | 192,037 | 13,607,742 |
| | | \$ 31,768,174 |
| Capital Markets 0.9% | | |
| Charles Schwab Corp. (The) | 97,951 | \$ 2,677,001 |
| Morgan Stanley | 106,458 | 3,318,296 |
| | | \$ 5,995,297 |
| Chemicals 4.4% | | |

Edgar Filing: Eaton Vance Enhanced Equity Income Fund II - Form N-Q

| | | | |
|---------------------------------------|---------|----|------------|
| Cytec Industries, Inc. | 35,012 | \$ | 3,417,521 |
| Ecolab, Inc. | 28,931 | | 3,124,259 |
| LyondellBasell Industries NV, Class A | 80,531 | | 7,162,427 |
| Monsanto Co. | 100,110 | | 11,389,515 |
| PPG Industries, Inc. | 23,250 | | 4,497,945 |

\$ 29,591,667

Communications Equipment 3.1%

| | | | |
|--|---------|----|------------|
| QUALCOMM, Inc. | 178,273 | \$ | 14,058,609 |
| Telefonaktiebolaget LM Ericsson, Class B | 525,508 | | 7,008,879 |

\$ 21,067,488

Consumer Finance 1.6%

| | | | |
|----------------------|---------|----|------------|
| American Express Co. | 117,185 | \$ | 10,550,165 |
|----------------------|---------|----|------------|

\$ 10,550,165

Diversified Telecommunication Services 2.1%

| | | | |
|------------------------------|---------|----|------------|
| Verizon Communications, Inc. | 293,334 | \$ | 13,953,898 |
|------------------------------|---------|----|------------|

\$ 13,953,898

Electrical Equipment 3.5%

| | | | |
|---------------------------|---------|----|------------|
| Emerson Electric Co. | 195,311 | \$ | 13,046,775 |
| Generac Holdings, Inc. | 76,467 | | 4,509,259 |
| Rockwell Automation, Inc. | 44,606 | | 5,555,677 |

\$ 23,111,711

Edgar Filing: Eaton Vance Enhanced Equity Income Fund II - Form N-Q

| Security | Shares | Value |
|--|---------|----------------------|
| Electronic Equipment, Instruments & Components 3.2% | | |
| Corning, Inc. | 395,597 | \$ 8,236,329 |
| InvenSense, Inc. ⁽²⁾ | 312,662 | 7,400,710 |
| Trimble Navigation, Ltd. ⁽²⁾ | 154,395 | 6,001,334 |
| | | \$ 21,638,373 |
| Energy Equipment & Services 2.1% | | |
| Cameron International Corp. ⁽²⁾ | 46,291 | \$ 2,859,395 |
| FMC Technologies, Inc. ⁽²⁾ | 64,563 | 3,375,999 |
| Halliburton Co. | 128,633 | 7,575,198 |
| | | \$ 13,810,592 |
| Food & Staples Retailing 1.5% | | |
| Costco Wholesale Corp. | 87,405 | \$ 9,761,390 |
| | | \$ 9,761,390 |
| Food Products 6.7% | | |
| Hain Celestial Group, Inc. (The) ⁽²⁾ | 77,711 | \$ 7,108,225 |
| Hershey Co. (The) | 153,718 | 16,048,159 |
| Mondelez International, Inc., Class A | 399,288 | 13,795,401 |
| WhiteWave Foods Co. (The), Class A ⁽²⁾ | 277,920 | 7,931,837 |
| | | \$ 44,883,622 |
| Health Care Equipment & Supplies 2.1% | | |
| Abbott Laboratories | 85,209 | \$ 3,281,399 |
| Covidien PLC | 49,041 | 3,612,360 |
| Stryker Corp. | 91,419 | 7,447,906 |
| | | \$ 14,341,665 |
| Health Care Providers & Services 0.9% | | |
| Express Scripts Holding Co. ⁽²⁾ | 80,874 | \$ 6,072,829 |
| | | \$ 6,072,829 |
| Hotels, Restaurants & Leisure 2.5% | | |
| Marriott International, Inc., Class A | 57,676 | \$ 3,231,010 |
| Starbucks Corp. | 68,800 | 5,048,544 |
| Yum! Brands, Inc. | 115,393 | 8,699,478 |
| | | \$ 16,979,032 |
| Household Durables 1.2% | | |
| Mohawk Industries, Inc. ⁽²⁾ | 56,856 | \$ 7,731,279 |
| | | \$ 7,731,279 |
| Industrial Conglomerates 1.0% | | |
| Danaher Corp. | 91,642 | \$ 6,873,150 |
| | | \$ 6,873,150 |

Edgar Filing: Eaton Vance Enhanced Equity Income Fund II - Form N-Q

Insurance 0.6%

| | | | |
|----------------------------------|---------|----|---------------------|
| AmTrust Financial Services, Inc. | 114,165 | \$ | 4,293,746 |
| | | | \$ 4,293,746 |

Internet & Catalog Retail 2.7%

| | | | |
|---------------------------------|--------|----|----------------------|
| Amazon.com, Inc. ⁽²⁾ | 38,307 | \$ | 12,891,072 |
| Netflix, Inc. ⁽²⁾ | 13,902 | | 4,893,921 |
| | | | \$ 17,784,993 |

Internet Software & Services 8.8%

| | | | |
|--|---------|----|----------------------|
| eBay, Inc. ⁽²⁾ | 185,023 | \$ | 10,220,671 |
| Facebook, Inc., Class A ⁽²⁾ | 191,710 | | 11,548,610 |
| Google, Inc., Class A ⁽²⁾ | 30,390 | | 33,869,959 |
| Twitter, Inc. ⁽²⁾ | 74,033 | | 3,455,120 |
| | | | \$ 59,094,360 |

IT Services 2.9%

| | | | |
|------------------------|--------|----|----------------------|
| Accenture PLC, Class A | 99,133 | \$ | 7,902,883 |
| Visa, Inc., Class A | 51,956 | | 11,215,222 |
| | | | \$ 19,118,105 |

Edgar Filing: Eaton Vance Enhanced Equity Income Fund II - Form N-Q

| Security | Shares | Value |
|--|---------|----------------------|
| Machinery 1.5% | | |
| Deere & Co. | 110,010 | \$ 9,988,908 |
| | | \$ 9,988,908 |
| Media 4.6% | | |
| Comcast Corp., Class A | 215,247 | \$ 10,766,655 |
| Lions Gate Entertainment Corp. | 242,686 | 6,486,997 |
| Live Nation Entertainment, Inc. ⁽²⁾ | 150,000 | 3,262,500 |
| Walt Disney Co. (The) | 127,659 | 10,221,656 |
| | | \$ 30,737,808 |
| Multiline Retail 3.0% | | |
| Dollar General Corp. ⁽²⁾ | 140,532 | \$ 7,796,715 |
| Macy's, Inc. | 127,157 | 7,539,139 |
| Target Corp. | 73,031 | 4,419,106 |
| | | \$ 19,754,960 |
| Oil, Gas & Consumable Fuels 2.4% | | |
| Exxon Mobil Corp. | 33,853 | \$ 3,306,761 |
| Occidental Petroleum Corp. | 50,044 | 4,768,693 |
| Phillips 66 | 61,057 | 4,705,053 |
| Range Resources Corp. | 41,553 | 3,447,652 |
| | | \$ 16,228,159 |
| Pharmaceuticals 5.3% | | |
| Perrigo Co. PLC | 62,924 | \$ 9,731,826 |
| Pfizer, Inc. | 267,298 | 8,585,612 |
| Roche Holding AG PC | 24,995 | 7,517,588 |
| Shire PLC ADR | 63,701 | 9,461,509 |
| | | \$ 35,296,535 |
| Real Estate Investment Trusts (REITs) 1.5% | | |
| American Tower Corp. | 46,913 | \$ 3,840,767 |
| AvalonBay Communities, Inc. | 13,100 | 1,720,292 |
| Public Storage, Inc. | 27,040 | 4,555,970 |
| | | \$ 10,117,029 |
| Road & Rail 0.6% | | |
| Kansas City Southern | 39,468 | \$ 4,028,104 |
| | | \$ 4,028,104 |
| Semiconductors & Semiconductor Equipment 0.9% | | |
| NXP Semiconductors NV ⁽²⁾ | 68,208 | \$ 4,011,312 |
| Teradyne, Inc. ⁽²⁾ | 86,320 | 1,716,905 |
| | | \$ 5,728,217 |
| Software 5.1% | | |

Edgar Filing: Eaton Vance Enhanced Equity Income Fund II - Form N-Q

| | | | |
|--|---------|----|-------------------|
| Microsoft Corp. | 550,174 | \$ | 22,551,632 |
| Oracle Corp. | 278,480 | | 11,392,617 |
| | | \$ | 33,944,249 |
| Specialty Retail 3.4% | | | |
| AutoNation, Inc. ⁽²⁾ | 64,443 | \$ | 3,430,301 |
| Home Depot, Inc. (The) | 68,586 | | 5,427,210 |
| Pier 1 Imports, Inc. | 292,522 | | 5,522,815 |
| Ross Stores, Inc. | 112,929 | | 8,080,070 |
| | | \$ | 22,460,396 |
| Technology Hardware, Storage & Peripherals 4.2% | | | |
| Apple, Inc. | 45,629 | \$ | 24,490,909 |
| NCR Corp. ⁽²⁾ | 101,829 | | 3,721,850 |
| | | \$ | 28,212,759 |
| Textiles, Apparel & Luxury Goods 1.1% | | | |
| NIKE, Inc., Class B | 97,005 | \$ | 7,164,789 |
| | | \$ | 7,164,789 |

Edgar Filing: Eaton Vance Enhanced Equity Income Fund II - Form N-Q

| Security | Shares | Value |
|---------------------|---------|---------------------|
| Tobacco 1.0% | | |
| Altria Group, Inc. | 185,660 | \$ 6,949,254 |
| | | \$ 6,949,254 |

| | | |
|---|---------|---------------------|
| Wireless Telecommunication Services 0.6% | | |
| T-Mobile US, Inc. ⁽²⁾ | 127,150 | \$ 4,199,764 |
| | | \$ 4,199,764 |

| | | |
|--|--|-----------------------|
| Total Common Stocks (identified cost \$566,959,715) | | \$ 663,961,212 |
|--|--|-----------------------|

Short-Term Investments 1.0%

| Description | Interest (000 s omitted) | Value |
|---|-----------------------------|--------------|
| Eaton Vance Cash Reserves Fund, LLC, 0.14% ⁽³⁾ | \$ 7,114 | \$ 7,113,786 |

| | | |
|---|--|---------------------|
| Total Short-Term Investments (identified cost \$7,113,786) | | \$ 7,113,786 |
|---|--|---------------------|

| | | |
|---|--|-----------------------|
| Total Investments 100.4% (identified cost \$574,073,501) | | \$ 671,074,998 |
|---|--|-----------------------|

Covered Call Options Written (0.4)%

| Security | Number of Contracts | Strike Price | Expiration Date | Value |
|-------------------------------------|------------------------|-----------------|--------------------|------------|
| Abbott Laboratories | 425 | \$ 41.00 | 4/19/14 | \$ (1,700) |
| Accenture PLC, Class A | 495 | 87.50 | 4/19/14 | (1,237) |
| Altria Group, Inc. | 925 | 38.00 | 5/17/14 | (40,238) |
| Amazon.com, Inc. | 190 | 370.00 | 4/19/14 | (13,870) |
| American Express Co. | 585 | 95.00 | 4/19/14 | (11,407) |
| American Tower Corp. | 235 | 85.00 | 4/19/14 | (3,525) |
| AmTrust Financial Services, Inc. | 570 | 40.00 | 4/19/14 | (47,025) |
| Apple, Inc. | 225 | 555.00 | 4/19/14 | (47,138) |
| AutoNation, Inc. | 320 | 55.00 | 4/19/14 | (16,000) |
| AvalonBay Communities, Inc. | 65 | 135.00 | 4/19/14 | (2,762) |
| Biogen Idec, Inc. | 160 | 375.00 | 4/19/14 | (6,800) |
| Boeing Co. (The) | 580 | 140.00 | 5/17/14 | (16,240) |
| C.H. Robinson Worldwide, Inc. | 455 | 57.50 | 5/17/14 | (13,650) |
| Cameron International Corp. | 230 | 67.50 | 5/17/14 | (12,075) |
| Celgene Corp. | 290 | 175.00 | 4/19/14 | (1,160) |
| Charles Schwab Corp. (The) | 490 | 30.00 | 5/17/14 | (8,575) |
| Comcast Corp., Class A | 1,075 | 55.00 | 4/19/14 | (8,062) |
| Constellation Brands, Inc., Class A | 425 | 85.00 | 4/19/14 | (111,563) |
| Corning, Inc. | 1,975 | 22.00 | 5/17/14 | (60,238) |
| Costco Wholesale Corp. | 435 | 115.00 | 5/17/14 | (39,803) |
| Covidien PLC | 245 | 75.00 | 4/19/14 | (7,962) |
| Cytec Industries, Inc. | 175 | 100.00 | 4/19/14 | (12,688) |

Edgar Filing: Eaton Vance Enhanced Equity Income Fund II - Form N-Q

| | | | | |
|-----------------------------|-----|--------|---------|-----------|
| Dana Holding Corp. | 900 | 24.00 | 5/17/14 | (65,250) |
| Danaher Corp. | 455 | 77.50 | 5/17/14 | (40,950) |
| Deere & Co. | 550 | 87.50 | 4/19/14 | (196,625) |
| Dollar General Corp. | 700 | 60.00 | 5/17/14 | (50,750) |
| eBay, Inc. | 925 | 60.00 | 4/19/14 | (7,862) |
| Ecolab, Inc. | 145 | 115.00 | 5/17/14 | (5,800) |
| Emerson Electric Co. | 975 | 67.50 | 5/17/14 | (117,000) |
| Express Scripts Holding Co. | 400 | 80.00 | 4/19/14 | (2,000) |
| Exxon Mobil Corp. | 165 | 97.50 | 5/17/14 | (33,743) |
| Facebook, Inc., Class A | 955 | 80.00 | 4/19/14 | (1,910) |
| FMC Technologies, Inc. | 320 | 52.50 | 4/19/14 | (28,000) |
| Generac Holdings, Inc. | 380 | 60.00 | 4/19/14 | (37,050) |

Edgar Filing: Eaton Vance Enhanced Equity Income Fund II - Form N-Q

| Security | Number of Contracts | Strike Price | Expiration Date | Value |
|---------------------------------------|---------------------|--------------|-----------------|------------|
| Gilead Sciences, Inc. | 960 | \$ 87.50 | 4/19/14 | \$ (2,880) |
| Hain Celestial Group, Inc. (The) | 385 | 95.00 | 4/19/14 | (21,175) |
| Halliburton Co. | 640 | 62.50 | 5/17/14 | (44,480) |
| Hershey Co. (The) | 765 | 115.00 | 5/17/14 | (16,830) |
| Home Depot, Inc. (The) | 340 | 82.50 | 5/17/14 | (16,320) |
| InvenSense, Inc. | 1,560 | 28.00 | 4/19/14 | (15,600) |
| Kansas City Southern | 195 | 105.00 | 4/19/14 | (38,025) |
| LyondellBasell Industries NV, Class A | 400 | 90.00 | 4/19/14 | (42,000) |
| Macy's, Inc. | 635 | 62.50 | 5/17/14 | (54,610) |
| Marriott International, Inc., Class A | 285 | 57.50 | 4/19/14 | (8,550) |
| Microsoft Corp. | 2,750 | 41.00 | 5/17/14 | (353,375) |
| Mohawk Industries, Inc. | 280 | 155.00 | 4/19/14 | (2,800) |
| Mondelez International, Inc., Class A | 1,995 | 36.00 | 5/17/14 | (71,820) |
| Monsanto Co. | 500 | 120.00 | 4/19/14 | (18,750) |
| Morgan Stanley | 530 | 32.00 | 4/19/14 | (22,260) |
| NCR Corp. | 505 | 36.00 | 4/19/14 | (71,963) |
| NIKE, Inc., Class B | 485 | 82.50 | 4/19/14 | (727) |
| NXP Semiconductors NV | 340 | 62.50 | 4/19/14 | (16,150) |
| Occidental Petroleum Corp. | 250 | 100.00 | 4/19/14 | (3,250) |
| Oracle Corp. | 1,390 | 40.00 | 4/19/14 | (180,700) |
| Perrigo Co. PLC | 315 | 175.00 | 4/19/14 | (3,150) |
| Pfizer, Inc. | 1,335 | 33.00 | 4/19/14 | (41,385) |
| Phillips 66 | 305 | 82.50 | 4/19/14 | (6,100) |
| Pier 1 Imports, Inc. | 1,460 | 21.00 | 4/19/14 | (18,250) |
| PNC Financial Services Group, Inc. | 180 | 90.00 | 5/17/14 | (13,230) |
| PPG Industries, Inc. | 115 | 200.00 | 4/19/14 | (16,675) |
| Public Storage, Inc. | 135 | 175.00 | 5/17/14 | (17,550) |
| QUALCOMM, Inc. | 890 | 82.50 | 5/17/14 | (65,860) |
| Range Resources Corp. | 205 | 92.50 | 4/19/14 | (2,562) |
| Rockwell Automation, Inc. | 220 | 125.00 | 4/19/14 | (36,300) |
| Ross Stores, Inc. | 565 | 72.50 | 4/19/14 | (42,375) |
| Shire PLC ADR | 315 | 165.00 | 4/19/14 | (7,087) |
| Starbucks Corp. | 340 | 80.00 | 5/17/14 | (16,830) |
| Stryker Corp. | 455 | 82.50 | 5/17/14 | (71,663) |
| T-Mobile US, Inc. | 635 | 35.00 | 4/19/14 | (42,545) |
| Target Corp. | 365 | 62.50 | 4/19/14 | (7,300) |
| Teradyne, Inc. | 430 | 22.00 | 5/17/14 | (6,450) |
| Trimble Navigation, Ltd. | 770 | 42.50 | 5/17/14 | (44,275) |
| TRW Automotive Holdings Corp. | 180 | 90.00 | 4/19/14 | (2,250) |
| Twitter, Inc. | 370 | 62.50 | 4/19/14 | (925) |
| United Technologies Corp. | 445 | 120.00 | 4/19/14 | (15,130) |
| Verizon Communications, Inc. | 820 | 49.00 | 4/19/14 | (6,560) |
| Visa, Inc., Class A | 260 | 235.00 | 5/17/14 | (27,560) |
| Walt Disney Co. (The) | 635 | 82.50 | 4/19/14 | (35,878) |
| Wells Fargo & Co. | 325 | 48.00 | 4/19/14 | (63,700) |
| WhiteWave Foods Co. (The), Class A | 1,390 | 30.00 | 4/19/14 | (27,800) |
| Yum! Brands, Inc. | 575 | 80.00 | 4/19/14 | (4,025) |

Total Covered Call Options Written
(premiums received \$4,073,651) **\$ (2,716,338)**

Other Assets, Less Liabilities (0.0) ~~0~~ **\$ (333,363)**

Edgar Filing: Eaton Vance Enhanced Equity Income Fund II - Form N-Q

Net Assets 100.0%

\$ 668,025,297

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

Edgar Filing: Eaton Vance Enhanced Equity Income Fund II - Form N-Q

ADR - American Depositary Receipt

PC - Participation Certificate

- (1) A portion of each applicable common stock for which a written call option is outstanding at March 31, 2014 has been pledged as collateral for such written option.
- (2) Non-income producing security.
- (3) 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, 2014. Net income allocated from the investment in Eaton Vance Cash Reserves Fund, LLC for the fiscal year to date ended March 31, 2014 was \$3,253.
- (4) Amount is less than (0.05)%.
- The cost and unrealized appreciation (depreciation) of investments of the Fund at March 31, 2014, as determined on a federal income tax basis, were as follows:

| | |
|------------------------------------|-----------------------|
| Aggregate cost | \$ 574,288,209 |
| Gross unrealized appreciation | \$ 103,350,900 |
| Gross unrealized depreciation | (6,564,111) |
| Net unrealized appreciation | \$ 96,786,789 |

Written options activity for the fiscal year to date ended March 31, 2014 was as follows:

| | Number of Contracts | Premiums Received |
|---|------------------------|----------------------|
| Outstanding, beginning of period | 41,585 | \$ 4,572,251 |
| Options written | 84,515 | 7,944,067 |
| Options terminated in closing purchase transactions | (38,165) | (4,278,578) |
| Options expired | (41,270) | (4,164,089) |
| Outstanding, end of period | 46,665 | \$ 4,073,651 |

At March 31, 2014, 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 writes covered call options on individual stocks above the current value of the stock to generate premium income. In writing call options on individual stocks, the Fund in effect, sells potential appreciation in the value of the applicable stock 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 stock decline.

At March 31, 2014, the aggregate fair value of open derivative instruments (not considered to be hedging instruments for accounting disclosure purposes) in a liability position and whose primary underlying risk exposure is equity price risk was \$2,716,338.

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.

Edgar Filing: Eaton Vance Enhanced Equity Income Fund II - Form N-Q

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.

Edgar Filing: Eaton Vance Enhanced Equity Income Fund II - Form N-Q

At March 31, 2014, 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 | \$ 129,749,058 | \$ | \$ | \$ 129,749,058 |
| Consumer Staples | 68,821,219 | | | 68,821,219 |
| Energy | 30,038,751 | | | 30,038,751 |
| Financials | 37,396,634 | | | 37,396,634 |
| Health Care | 79,961,615 | 7,517,588 | | 87,479,203 |
| Industrials | 73,927,467 | | | 73,927,467 |
| Information Technology | 181,794,672 | 7,008,879 | | 188,803,551 |
| Materials | 29,591,667 | | | 29,591,667 |
| Telecommunication Services | 18,153,662 | | | 18,153,662 |
| Total Common Stocks | \$ 649,434,745 | \$ 14,526,467* | \$ | \$ 663,961,212 |
| Short-Term Investments | \$ | \$ 7,113,786 | \$ | \$ 7,113,786 |
| Total Investments | \$ 649,434,745 | \$ 21,640,253 | \$ | \$ 671,074,998 |
| Liability Description | | | | |
| Covered Call Options Written | \$ (2,716,338) | \$ | \$ | \$ (2,716,338) |
| Total | \$ (2,716,338) | \$ | \$ | \$ (2,716,338) |

* 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, 2013 whose fair value was determined using Level 3 inputs. At March 31, 2014, 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 Enhanced Equity Income Fund II

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

Date: May 23, 2014

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 23, 2014

By: /s/ James F. Kirchner
James F. Kirchner
Treasurer

Date: May 23, 2014