

Eaton Vance Enhanced Equity Income Fund
Form N-Q
February 27, 2014

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form N-Q

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

811-21614

Investment Company Act File Number

Eaton Vance Enhanced 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)

September 30

Date of Fiscal Year End

December 31, 2013

Date of Reporting Period

Item 1. Schedule of Investments

Eaton Vance**Enhanced Equity Income Fund**

December 31, 2013

PORTFOLIO OF INVESTMENTS (Unaudited)**Common Stocks 99.5%**⁽¹⁾

| Security | Shares | Value |
|--|---------------|----------------------|
| Aerospace & Defense 2.8% | | |
| Boeing Co. (The) | 67,888 | \$ 9,266,033 |
| United Technologies Corp. | 55,552 | 6,321,818 |
| | | \$ 15,587,851 |
| Air Freight & Logistics 0.9% | | |
| C.H. Robinson Worldwide, Inc. | 90,776 | \$ 5,295,872 |
| | | \$ 5,295,872 |
| Auto Components 0.3% | | |
| TRW Automotive Holdings Corp. ⁽²⁾ | 22,026 | \$ 1,638,514 |
| | | \$ 1,638,514 |
| Automobiles 0.7% | | |
| Honda Motor Co., Ltd. | 93,744 | \$ 3,869,480 |
| | | \$ 3,869,480 |
| Beverages 2.1% | | |
| Beam, Inc. | 76,823 | \$ 5,228,573 |
| PepsiCo, Inc. | 82,165 | 6,814,765 |
| | | \$ 12,043,338 |
| Biotechnology 4.2% | | |
| Biogen Idec, Inc. ⁽²⁾ | 4,907 | \$ 1,372,733 |
| Celgene Corp. ⁽²⁾ | 59,290 | 10,017,638 |
| Gilead Sciences, Inc. ⁽²⁾ | 167,077 | 12,555,837 |
| | | \$ 23,946,208 |
| Capital Markets 1.5% | | |
| Charles Schwab Corp. (The) | 124,177 | \$ 3,228,602 |
| Morgan Stanley | 173,957 | 5,455,292 |
| | | \$ 8,683,894 |
| Chemicals 3.0% | | |
| LyondellBasell Industries NV, Class A | 66,610 | \$ 5,347,451 |

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| | | |
|----------------------|--------|-----------|
| Monsanto Co. | 51,013 | 5,945,565 |
| PPG Industries, Inc. | 30,326 | 5,751,629 |

\$ 17,044,645

Commercial Banks 2.3%

| | | |
|-------------------------|---------|--------------|
| Regions Financial Corp. | 665,795 | \$ 6,584,713 |
| SunTrust Banks, Inc. | 174,946 | 6,439,762 |

\$ 13,024,475

Communications Equipment 1.5%

| | | |
|----------------|---------|--------------|
| QUALCOMM, Inc. | 116,973 | \$ 8,685,245 |
|----------------|---------|--------------|

\$ 8,685,245

Computers & Peripherals 3.5%

| | | |
|-------------|--------|---------------|
| Apple, Inc. | 35,845 | \$ 20,112,988 |
|-------------|--------|---------------|

\$ 20,112,988

Consumer Finance 1.9%

| | | |
|----------------------|---------|---------------|
| American Express Co. | 115,735 | \$ 10,500,637 |
|----------------------|---------|---------------|

\$ 10,500,637

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| Security | Shares | Value |
|--|---------|----------------------|
| Diversified Financial Services 5.7% | | |
| Bank of America Corp. | 643,827 | \$ 10,024,386 |
| Citigroup, Inc. | 200,222 | 10,433,569 |
| JPMorgan Chase & Co. | 207,577 | 12,139,103 |
| | | \$ 32,597,058 |
| Diversified Telecommunication Services 1.4% | | |
| AT&T, Inc. | 146,077 | \$ 5,136,068 |
| Verizon Communications, Inc. | 58,473 | 2,873,363 |
| | | \$ 8,009,431 |
| Electric Utilities 1.7% | | |
| Duke Energy Corp. | 39,667 | \$ 2,737,420 |
| Edison International | 57,971 | 2,684,057 |
| NextEra Energy, Inc. | 51,183 | 4,382,288 |
| | | \$ 9,803,765 |
| Electrical Equipment 3.1% | | |
| Emerson Electric Co. | 165,838 | \$ 11,638,511 |
| Rockwell Automation, Inc. | 50,316 | 5,945,338 |
| | | \$ 17,583,849 |
| Electronic Equipment, Instruments & Components 2.3% | | |
| Corning, Inc. | 725,131 | \$ 12,921,834 |
| | | \$ 12,921,834 |
| Energy Equipment & Services 1.5% | | |
| Cameron International Corp. ⁽²⁾ | 43,574 | \$ 2,593,960 |
| FMC Technologies, Inc. ⁽²⁾ | 55,300 | 2,887,213 |
| Halliburton Co. | 55,286 | 2,805,765 |
| | | \$ 8,286,938 |
| Food & Staples Retailing 1.0% | | |
| Costco Wholesale Corp. | 48,706 | \$ 5,796,501 |
| | | \$ 5,796,501 |
| Food Products 3.1% | | |
| Hershey Co. (The) | 86,441 | \$ 8,404,658 |
| Mondelez International, Inc., Class A | 253,532 | 8,949,680 |
| | | \$ 17,354,338 |
| Health Care Equipment & Supplies 2.1% | | |
| Abbott Laboratories | 173,216 | \$ 6,639,369 |
| Covidien PLC | 73,671 | 5,016,995 |
| | | \$ 11,656,364 |

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Health Care Providers & Services 1.3%

| | | | |
|--|---------|----|------------------|
| Express Scripts Holding Co. ⁽²⁾ | 101,550 | \$ | 7,132,872 |
| | | \$ | 7,132,872 |

Hotels, Restaurants & Leisure 0.9%

| | | | |
|------------------|--------|----|------------------|
| McDonald's Corp. | 51,316 | \$ | 4,979,191 |
| | | \$ | 4,979,191 |

Household Products 1.4%

| | | | |
|----------------------|---------|----|------------------|
| Procter & Gamble Co. | 100,279 | \$ | 8,163,713 |
| | | \$ | 8,163,713 |

Industrial Conglomerates 1.1%

| | | | |
|---------------|--------|----|------------------|
| Danaher Corp. | 77,413 | \$ | 5,976,284 |
| | | \$ | 5,976,284 |

Insurance 3.5%

| | | | |
|---------------|---------|----|-------------------|
| ACE, Ltd. | 55,229 | \$ | 5,717,858 |
| Aflac, Inc. | 102,725 | | 6,862,030 |
| MetLife, Inc. | 135,392 | | 7,300,337 |
| | | \$ | 19,880,225 |

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| Security | Shares | Value |
|--|---------|----------------------|
| Internet & Catalog Retail 4.0% | | |
| Amazon.com, Inc. ⁽²⁾ | 33,219 | \$ 13,247,405 |
| Netflix, Inc. ⁽²⁾ | 25,573 | 9,415,211 |
| | | \$ 22,662,616 |
| Internet Software & Services 7.4% | | |
| eBay, Inc. ⁽²⁾ | 160,373 | \$ 8,802,874 |
| Facebook, Inc., Class A ⁽²⁾ | 121,805 | 6,657,861 |
| Google, Inc., Class A ⁽²⁾ | 23,636 | 26,489,102 |
| | | \$ 41,949,837 |
| IT Services 2.7% | | |
| Accenture PLC, Class A | 70,235 | \$ 5,774,721 |
| Visa, Inc., Class A | 43,085 | 9,594,168 |
| | | \$ 15,368,889 |
| Machinery 1.0% | | |
| Deere & Co. | 61,119 | \$ 5,581,998 |
| | | \$ 5,581,998 |
| Media 2.6% | | |
| Lions Gate Entertainment Corp. | 149,662 | \$ 4,738,299 |
| Walt Disney Co. (The) | 131,342 | 10,034,529 |
| | | \$ 14,772,828 |
| Metals & Mining 0.8% | | |
| Freeport-McMoRan Copper & Gold, Inc. | 119,266 | \$ 4,501,099 |
| | | \$ 4,501,099 |
| Multi-Utilities 1.0% | | |
| Sempra Energy | 65,881 | \$ 5,913,479 |
| | | \$ 5,913,479 |
| Multiline Retail 2.3% | | |
| Dollar General Corp. ⁽²⁾ | 105,014 | \$ 6,334,444 |
| Macy's, Inc. | 127,697 | 6,819,020 |
| | | \$ 13,153,464 |
| Oil, Gas & Consumable Fuels 8.6% | | |
| Chevron Corp. | 48,079 | \$ 6,005,548 |
| Concho Resources, Inc. ⁽²⁾ | 63,866 | 6,897,528 |
| EOG Resources, Inc. | 24,030 | 4,033,195 |
| Exxon Mobil Corp. | 28,507 | 2,884,908 |
| Marathon Oil Corp. | 158,712 | 5,602,534 |
| Occidental Petroleum Corp. | 140,646 | 13,375,434 |
| Phillips 66 | 79,638 | 6,142,479 |
| Range Resources Corp. | 48,019 | 4,048,482 |

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\$ 48,990,108

Personal Products 1.3%

| | | |
|--|--------|--------------|
| Estee Lauder Cos., Inc. (The), Class A | 96,434 | \$ 7,263,409 |
|--|--------|--------------|

\$ 7,263,409

Pharmaceuticals 5.7%

| | | |
|-------------------|--------|--------------|
| Johnson & Johnson | 43,885 | \$ 4,019,427 |
|-------------------|--------|--------------|

| | | |
|-------------------|---------|------------|
| Merck & Co., Inc. | 200,451 | 10,032,573 |
|-------------------|---------|------------|

| | | |
|--------------|---------|-----------|
| Pfizer, Inc. | 261,788 | 8,018,566 |
|--------------|---------|-----------|

| | | |
|---------------------|--------|-----------|
| Roche Holding AG PC | 15,605 | 4,371,369 |
|---------------------|--------|-----------|

| | | |
|---------------|--------|-----------|
| Shire PLC ADR | 40,446 | 5,714,615 |
|---------------|--------|-----------|

\$ 32,156,550

Real Estate Investment Trusts (REITs) 1.5%

| | | |
|-----------------------------|--------|--------------|
| AvalonBay Communities, Inc. | 34,565 | \$ 4,086,620 |
|-----------------------------|--------|--------------|

| | | |
|-------------------------|--------|-----------|
| Boston Properties, Inc. | 44,499 | 4,466,365 |
|-------------------------|--------|-----------|

\$ 8,552,985

Road & Rail 1.0%

| | | |
|--------------------------------|--------|--------------|
| Canadian Pacific Railway, Ltd. | 38,922 | \$ 5,889,677 |
|--------------------------------|--------|--------------|

\$ 5,889,677

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| Security | Shares | Value |
|---|-------------------------------------|-----------------------|
| Security | | |
| Semiconductors & Semiconductor Equipment 0.8% | | |
| NXP Semiconductors NV ⁽²⁾ | 102,877 | \$ 4,725,141 |
| | | \$ 4,725,141 |
| Software 1.0% | | |
| Microsoft Corp. | 152,792 | \$ 5,719,005 |
| | | \$ 5,719,005 |
| Specialty Retail 1.4% | | |
| AutoNation, Inc. ⁽²⁾ | 50,129 | \$ 2,490,910 |
| Home Depot, Inc. (The) | 68,505 | 5,640,702 |
| | | \$ 8,131,612 |
| Textiles, Apparel & Luxury Goods 0.6% | | |
| NIKE, Inc., Class B | 41,004 | \$ 3,224,555 |
| | | \$ 3,224,555 |
| Tobacco 1.0% | | |
| Philip Morris International, Inc. | 61,800 | \$ 5,384,634 |
| | | \$ 5,384,634 |
| Total Common Stocks (identified cost \$510,166,820) | | \$ 564,517,396 |
| Short-Term Investments 1.1% | | |
| | | |
| Description | Interest (000 s omitted) | Value |
| Eaton Vance Cash Reserves Fund, LLC, 0.14% ⁽³⁾ | \$ 6,120 | \$ 6,120,276 |
| Total Short-Term Investments (identified cost \$6,120,276) | | \$ 6,120,276 |
| Total Investments 100.6% (identified cost \$516,287,096) | | \$ 570,637,672 |
| Covered Call Options Written (0.6)% | | |

| Security | Number of Contracts | Strike Price | Expiration Date | Value |
|------------------------|------------------------|-----------------|--------------------|-------------|
| Abbott Laboratories | 865 | \$ 40.00 | 2/22/14 | \$ (29,842) |
| Accenture PLC, Class A | 350 | 82.50 | 1/18/14 | (33,250) |

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| | | | | |
|--------------------------------|-------|--------|---------|-----------|
| ACE, Ltd. | 275 | 105.00 | 1/18/14 | (13,062) |
| Aflac, Inc. | 515 | 70.00 | 1/18/14 | (4,377) |
| Amazon.com, Inc. | 165 | 435.00 | 2/22/14 | (121,688) |
| American Express Co. | 575 | 92.50 | 2/22/14 | (91,713) |
| Apple, Inc. | 180 | 605.00 | 1/18/14 | (21,150) |
| AT&T, Inc. | 730 | 37.00 | 1/18/14 | (730) |
| AutoNation, Inc. | 250 | 55.00 | 1/18/14 | (1,250) |
| AvalonBay Communities, Inc. | 170 | 125.00 | 2/22/14 | (19,975) |
| Bank of America Corp. | 3,215 | 17.00 | 2/22/14 | (40,187) |
| Beam, Inc. | 380 | 72.50 | 2/22/14 | (26,600) |
| Biogen Idec, Inc. | 25 | 315.00 | 1/18/14 | (1,000) |
| Boeing Co. (The) | 335 | 145.00 | 2/22/14 | (45,393) |
| Boston Properties, Inc. | 220 | 107.75 | 2/22/14 | (16,500) |
| C.H. Robinson Worldwide, Inc. | 450 | 62.50 | 1/18/14 | (1,125) |
| Cameron International Corp. | 215 | 60.00 | 2/22/14 | (58,050) |
| Canadian Pacific Railway, Ltd. | 195 | 165.00 | 2/22/14 | (15,600) |
| Celgene Corp. | 295 | 180.00 | 1/18/14 | (25,960) |
| Charles Schwab Corp. (The) | 620 | 27.00 | 1/18/14 | (13,950) |
| Chevron Corp. | 240 | 125.00 | 2/22/14 | (59,640) |
| Citigroup, Inc. | 1,000 | 55.00 | 2/22/14 | (66,500) |
| Concho Resources, Inc. | 320 | 110.00 | 1/18/14 | (68,000) |

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| Security | Number of Contracts | Strike | | Expiration Date | Value |
|--|------------------------|--------|----------|--------------------|--------------|
| | | | Price | | |
| Corning, Inc. | 3,625 | \$ | 19.00 | 2/22/14 | \$ (110,563) |
| Costco Wholesale Corp. | 245 | | 128.00 | 1/18/14 | (490) |
| Covidien PLC | 370 | | 67.50 | 1/18/14 | (43,475) |
| Danaher Corp. | 385 | | 77.50 | 1/18/14 | (36,575) |
| Deere & Co. | 305 | | 95.00 | 2/22/14 | (34,160) |
| Dollar General Corp. | 525 | | 62.50 | 1/18/14 | (31,500) |
| Duke Energy Corp. | 195 | | 72.50 | 2/22/14 | (5,850) |
| eBay, Inc. | 800 | | 57.50 | 2/22/14 | (109,600) |
| Edison International | 290 | | 47.50 | 2/22/14 | (19,575) |
| Emerson Electric Co. | 825 | | 72.50 | 3/22/14 | (86,625) |
| EOG Resources, Inc. | 120 | | 180.00 | 1/18/14 | (4,560) |
| Estee Lauder Cos., Inc. (The), Class A | 480 | | 80.00 | 2/22/14 | (40,800) |
| Express Scripts Holding Co. | 505 | | 72.50 | 2/22/14 | (68,175) |
| Facebook, Inc., Class A | 605 | | 55.00 | 2/22/14 | (251,075) |
| FMC Technologies, Inc. | 275 | | 52.50 | 1/18/14 | (23,375) |
| Freeport-McMoRan Copper & Gold, Inc. | 595 | | 38.00 | 2/22/14 | (68,425) |
| Gilead Sciences, Inc. | 835 | | 80.00 | 2/22/14 | (143,203) |
| Google, Inc., Class A | 115 | | 1,120.00 | 1/18/14 | (179,975) |
| Halliburton Co. | 275 | | 57.50 | 1/18/14 | (1,512) |
| Hershey Co. (The) | 425 | | 100.00 | 2/22/14 | (54,825) |
| Home Depot, Inc. (The) | 340 | | 85.00 | 1/18/14 | (7,990) |
| Johnson & Johnson | 215 | | 95.00 | 1/18/14 | (1,827) |
| JPMorgan Chase & Co. | 1,035 | | 60.00 | 1/18/14 | (39,330) |
| LyondellBasell Industries NV, Class A | 330 | | 85.00 | 2/22/14 | (29,700) |
| Macy's, Inc. | 635 | | 55.00 | 2/22/14 | (68,263) |
| Marathon Oil Corp. | 790 | | 37.00 | 2/2 | |