Voya Emerging Markets High Dividend Equity Fund	
Form N-Q	
July 27, 2016	

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
FORM N-Q
QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY
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Investment Company Act file number: 811-22438
investment Company 11et me namber. or 22.130
Voya Emerging Markets High Dividend Equity Fund
(Exact name of registrant as specified in charter)
7337 East Doubletree Ranch Rd., Suite 100, Scottsdale, AZ 85258
(Address of principal executive offices) (Zip code)
Huey P. Falgout, Jr., 7337 East Doubletree Ranch Road, Suite 100, Scottsdale, AZ 85258
(Name and address of agent for service)
Registrant's telephone number, including area code: 1-800-992-0180

Date of fiscal year end: February 28

Date of reporting period: May 31, 2016

Item 1. Schedule of Investments	
The schedules of investments as of the close of the reporting period are set forth below for:	
Voya Emerging Markets High Dividend Equity Fund	

The schedules are not audited.

Voya Emerging Markets High Dividend Equity Fund PORTFOLIO OF INVESTMENTS as of May 31, 2016 (Unaudited)

Shares		Value	Percentage of Net Assets
COMMON S	ГОСК: 90.7%		110000
	Brazil: 3.9%		
648,651	Cia Energetica de Minas Gerais ADR	\$966,490	0.6
246,194	Cia Hering	872,062	0.6
449,066	Duratex SA	905,936	0.6
169,912	Randon SA Implementos e Participacoes	147,173	0.1
179,106	Totvs S.A.	1,486,437	0.9
180,417	Tractebel Energia S.A.	1,793,386	1.1
	· ·	6,171,484	3.9
	Chile: 2.7%		
105,445	Banco Santander Chile ADR	1,903,282	1.2
7,279,062	Enersis Americas SA	1,103,920	0.7
11,683,879	Enersis Chile SA	1,338,061	0.8
		4,345,263	2.7
	China: 29.5%		
•	Alibaba Group Holding Ltd. ADR	3,217,844	2.0
378,000	Beijing Enterprises Holdings Ltd.	1,967,152	1.2
578,000	BOC Hong Kong Holdings Ltd.	1,779,625	1.1
4,176,000	China BlueChemical Ltd.	923,897	0.6
6,650,000	China Construction Bank	4,306,447	2.7
1,114,000	China Life Insurance Co., Ltd.	2,491,543	1.6
222,000	China Mobile Ltd.	2,527,809	1.6
810,000	China Overseas Land & Investment Ltd.	2,435,592	1.5
3,671,200	China Petroleum & Chemical Corp.	2,495,985	1.6
1,056,000	China Resources Land Ltd.	2,526,807	1.6
1,068,000	China Resources Power Holdings Co.	1,677,237	1.1
481,000	China Shineway Pharmaceutical Group Ltd.	510,872	0.3
1,554,000	China Unicom Hong Kong Ltd.	1,680,433	1.1
1,160,000	COSCO Pacific Ltd.	1,172,236	0.7
5,990,000	Datang International Power Generation Co., Ltd.	1,603,066	1.0
1,582,000	Harbin Electric Co. Ltd.	584,592	0.4
216,000	Hengan International Group Co., Ltd.	1,953,692	1.2
6,147,233	Industrial & Commercial Bank of China	3,270,985	2.0
1,120,000	Jiangsu Expressway Co. Ltd.	1,532,247	1.0
1,416,000	Lenovo Group Ltd.	868,722	0.5
4,704,500	Parkson Retail Group Ltd.	442,153	0.3
2,618,000	PetroChina Co., Ltd.	1,792,241	1.1
Shares		Value	

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			Percentage of Net Assets
COMMON ST	COCK: (continued)		
878,000 943,200 1,437,000	China: (continued) Shanghai Industrial Holdings Ltd. Shanghai Pharmaceuticals Holding Co. Ltd. Zhejiang Expressway Co., Ltd.	\$1,978,948 2,035,752 1,347,681 47,123,558	1.2 1.3 0.8 29.5
	Czech Republic: 1.3%		
51,750	Komercni Banka AS	2,032,128	1.3
	Equat: 0.20/.		
245,707 @	Egypt: 0.3% Global Telecom Holding GDR	425,073	0.3
,	-	,	
220 121	Hong Kong: 1.7%	1 005 541	1.2
338,131	AIA Group Ltd.	1,985,541	1.3
34,930,000 @	Emperor Watch & Jewellery Ltd.	663,761 2,649,302	0.4 1.7
		2,047,302	1./
	India: 11.3%		
423,847	Coal India Ltd.	1,835,055	1.2
244,674	GAIL India Ltd.	1,346,182	0.8
150,519	HCL Technologies Ltd.	1,653,934	1.0
44,503	Hero Motocorp Ltd.	2,047,765	1.3
244,319	ICICI Bank Ltd. ADR	1,756,654	1.1
179,177	Indiabulls Housing Finance Ltd.	1,911,360	1.2
408,464	ITC Ltd.	2,129,367	1.3
916,218	NTPC Ltd.	1,948,275	1.2
514,040	Punjab National Bank	602,706	0.4
123,930	Reliance Industries Ltd.	1,762,202	1.1
207,368	Tata Steel Ltd.	1,029,499	0.7
		18,022,999	11.3
	Marana 1 207		
486,400	Macau: 1.2% Sands China Ltd.	1,861,555	1.2
460,400	Sands China Ltd.	1,001,555	1.2
	Malaysia: 3.2%		
868,300	AirAsia BHD	483,542	0.3
1,291,077	Berjaya Sports Toto BHD	953,690	0.6
1,701,800	CIMB Group Holdings BHD	1,808,331	1.1
2,245,500	IJM Corp. BHD	1,897,988	1.2
, ,	1	5,143,551	3.2
	Mexico: 2.6%		
1,268,689	Grupo Financiero Santander Mexico SAB de CV	2,294,491	1.4
803,472	Kimberly-Clark de Mexico SA de CV	1,907,602	1.2
		4,202,093	2.6

Panama: 0.4%

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13,552	Copa Holdings S.A.	698,877	0.4
95,676	Poland: 2.3% PKP Cargo SA	856,540	0.5

Voya Emerging Markets High Dividend Equity Fund PORTFOLIO OF INVESTMENTS as of May 31, 2016 (Unaudited) (Continued)

Shares		Value	Percentage of Net
			Assets
COMMON S	TOCK: (continued)		
	Poland: (continued)		
213,840	Powszechny Zaklad Ubezpieczen SA	\$1,690,888	1.1
821,583	Orange Polska SA	1,196,109	0.7
		3,743,537	2.3
	Russia: 4.5%		
323,711	Gazprom PAO ADR	1,408,143	0.9
	Lukoil OAO	1,453,405	0.9
22,092	Lukoil PJSC ADR	849,879	0.5
101,580	MMC Norilsk Nickel PJSC ADR	1,400,788	0.9
247,976	Mobile TeleSystems PJSC ADR	2,172,270	1.3
247,570	Woone Telesystems 1360 ADK	7,284,485	4.5
		7,201,100	
	Singapore: 1.0%		
1,339,900	First Resources Ltd.	1,572,077	1.0
	South Africa: 4.7%		
92,331	Barclays Africa Group Ltd.	857,284	0.5
783,290	Growthpoint Properties Ltd.	1,171,416	0.7
276,107	MTN Group Ltd.	2,151,324	1.3
1,027,619	PPC Ltd.	640,781	0.4
117,309	Shoprite Holdings Ltd.	1,231,035	0.8
196,879	Standard Bank Group Ltd.	1,553,022	1.0
170,077	Standard Bank Group Ltd.	7,604,862	4.7
		7,001,002	
	South Korea: 10.0%		
48,728	Hite Jinro Co. Ltd.	1,025,076	0.6
69,117	Hyundai Marine & Fire Insurance Co., Ltd.	1,832,407	1.1
9,049	Hyundai Motor Co.	1,058,372	0.7
72,002	KB Financial Group, Inc.	2,054,294	1.3
75,578	KT Corp.	2,039,596	1.3
60,422	LG Display Co., Ltd.	1,311,406	0.8
6,599	POSCO	1,152,350	0.7
3,469	Samsung Electronics Co., Ltd.	3,754,801	2.4
54,724	Shinhan Financial Group Co., Ltd.	1,814,848	1.1
	-	16,043,150	10.0

Taiwan: 8.6%

173,000 1,617,000 3,929,945 58,583 139,000 744,000 949,658 570,000	Catcher Technology Co., Ltd. Cathay Financial Holding Co., Ltd. CTBC Financial Holding Co. Ltd. MediaTek, Inc. Phison Electronics Corp. Quanta Computer, Inc. Taiwan Semiconductor Manufactu TPK Holding Co. Ltd.		1,311,239 1,863,514 2,057,419 394,790 1,140,001 1,320,447 4,543,848 1,142,294 13,773,552 Value	0.8 1.2 1.3 0.3 0.7 0.8 2.8 0.7 8.6 Percentage of Net Assets
COMMON S	TOCK: (continued)			1133013
86,000	Thailand: 0.4% PTT PCL		\$721,416	0.4
1,857,183	Turkey: 1.1% Emlak Konut Gayrimenkul Yatirir	n Ortakligi AS	1,696,090	1.1
	otal Common Stock Cost \$191,002,268)		145,115,052	90.7
PREFERREI	O STOCK: 7.7%			
312,502	Brazil: 3.4% Gerdau SA		486,879	0.3
279,753	Itau Unibanco Holding S.A.		2,251,278	1.4
1,072,809	Randon SA Implementos e Particip	pacoes	935,175	0.6
155,932	Telefonica Brasil SA	•	1,803,298	1.1
			5,476,630	3.4
1 (47 042 0	Russia: 1.4%		2 252 202	
1,64/,043 @	Sberbank of Russia		2,252,202	1.4
	South Korea: 2.9%			
17,367	Hyundai Motor Co Series 2		1,528,677	1.0
3,392	Samsung Electronics Co., Ltd Pr	ref	3,019,588	1.9
			4,548,265	2.9
	otal Preferred Stock Cost \$15,869,460)		12,277,097	7.7
Principal Amount†		Value	Percentage of Net Assets	
CORPORAT	E BONDS/NOTES: 0.2%			
INR 16,243,68	India: 0.2% NTPC Ltd., 8.490%, 03/25/25	248,562	0.2	
	Total Corporate Bonds/Notes (Cost \$260,086)	248,562	0.2	

Total Long-Term Investments (Cost \$207,131,814) 157,640,711 98.6

PORTFOLIO OF INVESTMENTS Voya Emerging Markets High Dividend Equity Fund as of May 31, 2016 (Unaudited) (Continued)

Shares SHORT-TERM INVESTMENTS: 1.8%	Value	Percentage of Net Assets
Mutual Funds: 1.8%		
2,923,218 BlackRock Liquidity Funds, TempFund, Institutional Class, 0.4109	%++	
(Cost \$2,923,218)	\$2,923,218	1.8
Total Short-Term Investments		
(Cost \$2,923,218)	2,923,218	1.8
Total Investments in Securities		
(Cost \$210,055,032)	\$160,563,929	100.4
Liabilities in Excess of Other Assets	(628,779) (0.4
Net Assets	\$159,935,150	100.0

- Unless otherwise indicated, principal amount is shown in USD.
- †† Rate shown is the 7-day yield as of May 31, 2016.
- Non-income producing security.

ADR American Depositary Receipt

GDR Global Depositary Receipt

INR Indian Rupee

Cost for federal income tax purposes is \$210,781,687.

Net unrealized depreciation consists of:

Gross Unrealized Appreciation \$4,470,975 Gross Unrealized Depreciation (54,688,733)

Net Unrealized Depreciation \$(50,217,758)

Seator Diversification	Percentage			
Sector Diversification	of Net Assets			
Financials	32.7	%		
Information Technology	15.6			
Telecommunication Services	8.7			

8.4	
7.7	
7.5	
6.1	
6.1	
4.2	
1.6	
1.8	
(0.4)
100.0	%
	7.7 7.5 6.1 6.1 4.2 1.6 1.8 (0.4

Fair Value Measurements

The following is a summary of the fair valuations according to the inputs used as of May 31, 2016 in valuing the assets and liabilities:⁽¹⁾

	Quoted Prices in Active Markets for Identical Investments (Level 1)	Signification Other Observa Inputs# (Level 2	ıble	Signific Unobse Inputs (Level 2	rvable	Fair Value at May 31, 2016
Asset Table						
Investments, at fair value						
Common Stock						
Brazil	\$ 6,171,484	\$ -	_	\$	_	\$ 6,171,484
Chile	4,345,263	-	_		_	4,345,263

Voya Emerging Markets High Dividend Equity Fund

PORTFOLIO OF INVESTMENTS as of May 31, 2016 (Unaudited) (Continued)

	Quoted Prices in Active Markets for Identical Investments (Level 1)	Significant Other Observable Inputs# (Level 2)	Significant Unobservable Inputs (Level 3)	Fair Value at May 31, 2016	
China	\$ 3,217,844	\$43,905,714	\$ -	\$47,123,558	
Czech Republic	-	2,032,128	_	2,032,128	
Egypt	425,073	_	_	425,073	
Hong Kong	_	2,649,302	_	2,649,302	
India	1,756,654	16,266,345	_	18,022,999	
Macau	_	1,861,555	_	1,861,555	
Malaysia	2,851,678	2,291,873	_	5,143,551	
Mexico	4,202,093	_	_	4,202,093	
Panama	698,877	_	_	698,877	
Poland	_	3,743,537	_	3,743,537	
Russia	5,831,080	1,453,405	_	7,284,485	
Singapore	_	1,572,077	_	1,572,077	
South Africa	640,781	6,964,081	_	7,604,862	
South Korea	_	16,043,150	_	16,043,150	
Taiwan	_	13,773,552	_	13,773,552	
Thailand	_	721,416	_	721,416	
Turkey	_	1,696,090	_	1,696,090	
Total Common Stock	30,140,827	114,974,225	_	145,115,052	
Preferred Stock	5,476,630	6,800,467	_	12,277,097	
Corporate Bonds/Notes	_	248,562	_	248,562	
Short-Term Investments	2,923,218	_	_	2,923,218	
Total Investments, at fair value	\$ 38,540,675	\$122,023,254	\$ -	\$160,563,929	
Liabilities Table					
Other Financial Instruments+					
Written Options	\$ -	\$(749,093)		\$(749,093)	
Total Liabilities	\$ -	\$(749,093)	- \$	\$(749,093)	

For the period ended May 31, 2016, as a result of the fair value pricing procedures for international equities utilized by the Fund, certain securities have transferred in and out of Level 1 and Level 2 measurements during the year. The Fund's policy is to recognize transfers between levels at the beginning of the reporting period. At May 31, 2016, securities valued at \$2,579,427 were transferred from Level 2 to Level 1 within the fair value hierarchy. Other Financial Instruments are derivatives not reflected in the portfolio of investments and may include open forward foreign currency contracts, futures, centrally cleared swaps, OTC swaps and written options. Forward foreign currency contracts, futures and centrally cleared swaps are valued at the unrealized gain (loss) on the

foreign currency contracts, futures and centrally cleared swaps are valued at the unrealized gain (loss) on the instrument. OTC swaps and written options are valued at the fair value of the instrument.

[#] The earlier close of the foreign markets gives rise to the possibility that significant events, including broad market moves, may have occurred in the interim and may materially affect the value of those securities. To account for

this, the Fund may frequently value many of its foreign equity securities using fair value prices based on third party vendor modeling tools to the extent available. Accordingly, a portion of the Fund's investments are categorized as Level 2 investments.

At May 31, 2016, the following over-the-counter written options were outstanding for Voya Emerging Markets High Dividend Equity Fund:

Number of Contracts	Counterparty	Description	Exercise Price		Premiums Received	Fair Value
Options on Indices						
491,900	BNP Paribas Bank	Call on iShares MSCI Emerging Markets ETF	32.896 USD	06/03/16	\$347,205	\$(188,376)
489,300	Morgan Stanley	Call on iShares MSCI Emerging Markets ETF	32.291USD	06/17/16	345,152	(560,717)
		Total Written OTC Options			\$692,357	\$(749,093)

Voya Emerging Markets High Dividend Equity Fund as of May 31, 2016 (Unaudited) (Continued)

A summary of derivative instruments by primary risk exposure is outlined in the following tables.

The fair value of derivative instruments as of May 31, 2016 was as follows:

<u>Instrument Type</u> Fair Value

Derivatives not accounted for as hedging instruments

Liability Derivatives

Equity contracts Written options \$749,093 Total Liability Derivatives \$749,093

The following is a summary by counterparty of the fair value of OTC derivative instruments subject to Master Netting Agreements and collateral pledged (received), if any, at May 31, 2016:

	BNP Paribas Bank	Morgan Stanle	ley Totals	
Liabilities:				
Written options	\$ 188,376	\$ 560,717	\$749,093	
Total Liabilities	\$ 188,376	\$ 560,717	\$749,093	
Net OTC derivative instruments by counterparty, at fair value	\$ (188,376) \$ (560,717) (749,093)	
Total collateral pledged by the Fund/(Received from counterparty)	\$ -	\$ -	\$-	
Net Exposure ⁽¹⁾	\$ (188,376) \$ (560,717) \$(749,093)	

Positive net exposure represents amounts due from each respective counterparty. Negative exposure represents amounts due from the Fund.

Item 2. Controls and Procedures.

Based on our evaluation conducted within 90 days of the filing date, hereof, the design and operation of the registrant's disclosure controls and procedures are effective to ensure that material information relating to the registrant is made known to the certifying officers by others within the appropriate entities, particularly during the period in which Forms N- Q are being prepared, and the registrant's disclosure controls and procedures allow timely preparation and review of the information for the registrant's Form N-Q and the officer certifications of such Form N-Q.

There were no significant changes in the registrant's internal controls over financial reporting that occurred during (b) the registrant's last fiscal quarter of the period covered by this report that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 3. Exhibits.

A separate certification for each principal executive officer and principal financial officer of the registrant as required by Rule 30a-2 under the Act (17 CFR 270.30a-2) is attached hereto as EX-99.CERT.

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.

(Registrant): Voya Emerging Markets High Dividend Equity Fund

By /s/ Shaun P. Mathews
Shaun P. Mathews
President and Chief Executive Officer

Date: July 27, 2016

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/ Shaun P. Mathews
Shaun P. Mathews
President and Chief Executive Officer

Date: July 27, 2016

By /s/ Todd Modic Todd Modic Senior Vice President and Chief Financial Officer

Date: July 27, 2016