Voya Emerging Markets	High	Dividend	Equity	Fund
Form N-Q				
January 26, 2018				

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SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANY

Investment Company Act file number: 811-22438

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: November 30, 2017

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 November 30, 2017 (Unaudited)

Shares		Value	Percentage of Net Assets
COMMON S'	ГОСК: 93.1%		
	Brazil: 6.4%		
274,197	BB Seguridade Participacoes SA	\$2,251,574	1.2
223,308	Cia Hering	1,732,053	1.0
351,261	Duratex SA	947,513	0.5
664,948	EcoRodovias Infraestrutura e Logistica SA	2,443,698	1.3
206,526	Engie Brasil Energia SA	2,235,323	1.2
240,621	Totvs S.A.	2,225,052	1.2
		11,835,213	6.4
	Chile: 1.8%		
8,070,594	Enel Americas SA	1,559,139	0.9
15,541,709	Enel Chile SA	1,668,330	0.9
		3,227,469	1.8
	China: 30.8%		
5,259,000	Agricultural Bank of China Ltd.	2,457,248	1.3
	Alibaba Group Holding Ltd. ADR	5,634,332	3.0
442,500	Beijing Enterprises Holdings Ltd.	2,558,182	1.4
4,176,000	China BlueChemical Ltd.	1,165,569	0.6
7,133,000	China Construction Bank	6,257,362	3.4
570,500	China Mobile Ltd.	5,803,542	3.1
782,000	China Overseas Land & Investment Ltd.	2,495,747	1.4
784,000	China Resources Land Ltd.	2,267,439	1.2
481,000	China Shineway Pharmaceutical Group Ltd.	441,916	0.2
1,454,000	China State Construction International Holdings Ltd.		1.0
	China Unicom Hong Kong Ltd.	2,505,687	1.4
2,203,171	COSCO Shipping Ports, Ltd.	2,222,536	1.2
1,582,000	Harbin Electric Co. Ltd.	667,176	0.4
275,000	Hengan International Group Co., Ltd.	2,691,436	1.5
5,809,592	Industrial & Commercial Bank of China	4,544,035	2.5
3,168,000	Lenovo Group Ltd.	1,808,040	1.0
4,704,500	Parkson Retail Group Ltd.	664,597	0.4
5,988,000	PetroChina Co., Ltd.	4,040,695	2.2
733,000	Shanghai Industrial Holdings Ltd.	2,076,337	1.1
941,019	Shanghai Pharmaceuticals Holding Co. Ltd.	2,371,248	1.3
1,783,000	Zhejiang Expressway Co., Ltd.	2,136,819	1.2
		56,702,568	30.8
Shares	V		ercentage
		O	f Net

			Assets
COMMON S	TOCK: (continued)		
	Hong Kong: 1.9%		
338,859	AIA Group Ltd.	\$ 2,760,945	1.5
17,170,000	Emperor Watch & Jewellery Ltd.	813,416	0.4
		3,574,361	1.9
	India: 8.2%		
570,513	Coal India Ltd.	2,442,028	1.3
290,109	GAIL India Ltd.	2,110,947	1.1
292,375	ICICI Bank Ltd. ADR	2,789,257	1.5
621,723	ITC Ltd.	2,468,861	1.3
965,664	NTPC Ltd.	2,712,935	1.5
351,994	Tech Mahindra Ltd.	2,670,798	1.5
		15,194,826	8.2
	Indonesia: 2.5%		
4,792,000	Bank Negara Indonesia Persero Tbk PT	2,869,673	1.6
2,489,700	Semen Indonesia Persero Tbk PT	1,730,237	0.9
		4,599,910	2.5
	Malaysia: 3.3%		
1,291,077	Berjaya Sports Toto BHD	732,437	0.4
1,920,200	CIMB Group Holdings Bhd	2,840,741	1.6
3,256,100	IJM Corp. Bhd	2,460,288	1.3
		6,033,466	3.3
1 = 1 < 0 = 2	Mexico: 2.7%		
1,716,953	Grupo Financiero Santander Mexico SAB de CV	2,789,853	1.5
1,174,556	Kimberly-Clark de Mexico SA de CV	2,105,171	1.2
		4,895,024	2.7
	Russia: 6.6%		
102.956		1 000 022	1.0
402,856	Gazprom PJSC - SPON ADR 1) Lukoil OAO	1,808,823	1.0
,		1,361,346	0.7
48,965	Lukoil PJSC ADR	2,739,592	1.5
13,312 (218,737	Magnit OJSC MegaFon PJSC GDR	1,449,463 2,110,812	0.8 1.1
158,472	MMC Norilsk Nickel PJSC ADR	2,747,905	1.5
130,472	WINC NOTISK NICKET FISC ADK	12,217,941	6.6
		12,217,941	0.0
	Singapore: 1.2%		
1,578,000	First Resources Ltd.	2,190,223	1.2
1,570,000	That Resources Etc.	2,170,223	1,2
	South Africa: 5.4%		
240,766	Barclays Africa Group Ltd.	2,754,288	1.5
1,241,443	Growthpoint Properties Ltd.	2,262,929	1.2
	PPC Ltd.	1,023,507	0.6
120,668	Shoprite Holdings Ltd.	2,004,681	1.1
145,299	Standard Bank Group Ltd.	1,832,376	1.0
,-//	2.000p 2000	9,877,781	5.4
		. , ,	

South Korea: 12.8%

123,717	Hite Jinro Co. Ltd.	2,694,319	1.4
9,049	Hyundai Motor Co.	1,373,373	0.7
63,642	Kangwon Land, Inc.	2,172,571	1.2

Voya Emerging Markets High Dividend Equity Fund PORTFOLIO OF INVESTMENTS as of November 30, 2017 (Unaudited) (Continued)

Shares		Value	Percentage of Net Assets
COMMON S	STOCK: (continued)		
	South Korea: (continued)		
60,314	Korea Electric Power Corp.	\$2,087,945	1.1
75,578	KT Corp.	2,126,436	1.2
55,409	LG Display Co., Ltd.	1,583,197	0.9
6,599	POSCO	2,026,918	1.1
1,953	Samsung Electronics Co., Ltd.	4,596,313	2.5
9,830	Samsung Fire & Marine Insurance Co. Ltd.	2,356,449	1.3
59,081	Shinhan Financial Group Co., Ltd.	2,635,964	1.4
		23,653,485	12.8
	Taiwan: 7.4%		
140.000		1 615 770	0.9
149,000	Catcher Technology Co., Ltd.	1,615,779	
2,359,000	Cathay Financial Holding Co., Ltd.	4,088,219	2.2
3,894,420	CTBC Financial Holding Co. Ltd.	2,606,847	1.4
58,583	MediaTek, Inc.	641,984	0.3
1,046,000	Quanta Computer, Inc.	2,150,599	1.2
342,474	Taiwan Semiconductor Manufacturing Co., Ltd.	2,586,898	1.4
		13,690,326	7.4
	Turkey: 1.2%		
3,416,041 (1	Emlak Konut Gayrimenkul Yatirim Ortakligi AS	2,139,276	1.2
	United Arab Emirates: 0.9%		
907,106	Abu Dhabi Commercial Bank PJSC	1,741,110	0.9
т	otal Common Stock		
		171 572 070	02.1
(•	Cost \$167,535,568)	171,572,979	93.1
PREFERRE	D STOCK: 4.4%		
	Brazil: 1.2%		
158,866	Telefonica Brasil SA	2,304,284	1.2
	South Korea: 3.2%		
25,932	Hyundai Motor Co Series 2	2,585,455	1.4
1,700	Samsung Electronics Co., Ltd Pref	3,296,975	1.8
2,700	241124119 210041011101 201, 2141 1101	5,882,430	3.2
		2,002,730	J.=
Т	otal Preferred Stock		
(0	Cost \$5,940,002)	8,186,714	4.4

RIGHTS: -%

Shares

Taiwan: -%

53,339 (1) Chinatrust Financial Holding Co., Ltd. –

Total Rights

(Cost \$-) - -

Total Long-Term Investments

(Cost \$173,475,570) **179,759,693 97.5**

			Assets
SHORT-T	ERM INVESTMENTS: 1.9%		
	Mutual Funds: 1.9%		
3,434,695	(2) BlackRock Liquidity Funds, FedFund, Institutional Class, 0.960%		
	(Cost \$3,434,695)	\$ 3,434,695	1.9
	Total Short-Term Investments		
	(Cost \$3,434,695)	3,434,695	1.9
	Total Investments in Securities	¢ 102 104 200	00.4
	(Cost \$176,910,265)	\$ 183,194,388	99.4
	Assets in Excess of Other Liabilities	1,019,555	0.6

ADR American Depositary Receipt

Net Assets

GDR Global Depositary Receipt

- (1) Non-income producing security.
- (2) Rate shown is the 7-day yield as of November 30, 2017.

Sector Diversification	Percentage of Net Assets	
Financials	25.8	%
Information Technology	15.7	
Industrials	8.9	
Consumer Staples	8.5	
Telecommunication Services	8.0	
Utilities	6.7	
Energy	6.7	
Consumer Discretionary	5.5	
Materials	5.2	
Real Estate	5.0	
Health Care	1.5	
Rights	0.0	
Short-Term Investments	1.9	
Assets in Excess of Other Liabilities	0.6	
Net Assets	100.0	%

Percentage

of Net

\$ 184,213,943 100.0

Value

Voya Emerging Markets High Dividend Equity Fund PORTFOLIO OF INVESTMENTS as of November 30, 2017 (Unaudited) (Continued)

Fair Value Measurements

The following is a summary of the fair valuations according to the inputs used as of November 30, 2017 in valuing the assets and liabilities:⁽¹⁾

	Quoted Prices in Active Markets for Identical Investments (Level 1)	Significant Other Observable Inputs# (Level 2)	Signific Unobse Inputs (Level	ervable	Fair Value at November 30, 2017
Asset Table					
Investments, at fair value					
Common Stock					
Brazil	\$ 11,835,213	\$-	\$	_	\$11,835,213
Chile	3,227,469	_		_	3,227,469
China	7,771,151	48,931,417		_	56,702,568
Hong Kong	813,416	2,760,945		_	3,574,361
India	10,641,851	4,552,975		_	15,194,826
Indonesia	4,599,910	_		_	4,599,910
Malaysia	6,033,466	_		_	6,033,466
Mexico	4,895,024	_		_	4,895,024
Russia	9,407,132	2,810,809		_	12,217,941
Singapore	_	2,190,223		_	2,190,223
South Africa	5,291,117	4,586,664		_	9,877,781
South Korea	4,866,890	18,786,595		_	23,653,485
Taiwan	_	13,690,326		_	13,690,326
Turkey	_	2,139,276		_	2,139,276
United Arab Emirates	1,741,110	_		_	1,741,110
Total Common Stock	71,123,749	100,449,230		_	171,572,979
Preferred Stock	4,889,739	3,296,975		_	8,186,714
Rights	_	_		_	_
Short-Term Investments	3,434,695	_		_	3,434,695
Total Investments, at fair value	\$ 79,448,183	\$103,746,205	\$	_	\$183,194,388
Liabilities Table					
Other Financial Instruments+					
Written Options	\$ -	\$(128,227)	\$	_	\$(128,227)
Total Liabilities	\$ -	\$(128,227)	\$	_	\$(128,227)

For the period ended November 30, 2017, 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 November 30, 2017, securities valued at \$21,737,382 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 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 November 30, 2017, the following OTC written equity options were outstanding for Voya Emerging Markets High Dividend Equity Fund:

Description	Counterparty	Put/Call	Expiration Date	Exercise Price		Number of Contracts	Notional Amount	Premiums Received	Fair Value
iShares MSCI Emerging Markets ETF	S.A.	Call	12/01/17	46.433	USD	403,300	18,592,130	\$265,371	\$(15,959)
iShares MSCI Emerging Markets ETF	Morgan Stanley and Co. International PLC	Call	12/15/17	46.820	USD	395,400	18,227,940	290,659	(112,268)
								\$556,030	\$(128,227)

Voya Emerging Markets High Dividend Equity Fund PORTFOLIO OF INVESTMENTS as of November 30, 2017 (Unaudited) (Continued)

Currency Abbreviations USD-United States Dollar

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

The fair value of derivative instruments as of November 30, 2017 was as follows:

Derivatives not accounted for as hedging instruments

Liability Derivatives	Instrument Type	<u>Fair</u> <u>Value</u>
Equity contracts Total Liability Derivatives	Written options	\$ 128,227 \$ 128,227

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 November 30, 2017:

	BNP Paribas S.A.		organ Stanley & Co. ernational PLC	Totals
Liabilities:				
Written options	\$ 15,959	\$	112,268	\$128,227
Total Liabilities	\$ 15,959	\$	112,268	\$128,227
Net OTC derivative instruments by counterparty, at fair value) \$	(112,268) (128,227)
Total collateral pledged by the Fund/(Received from counterparty)	\$ 15,959	\$	112,268	\$128,227
Net Exposure ⁽¹⁾⁽²⁾	\$ -	\$	-	\$-

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

At November 30, 2017, the Fund had pledged \$140,000 and \$220,00 in cash collateral to BNP Paribas S.A. and (2) Morgan Stanley & Co. International PLC, respectively. Excess cash collateral is not shown for financial reporting purposes.

At November 30, 2017, the aggregate cost of securities and other investments and the composition of unrealized appreciation and depreciation of securities and other investments at period end were:

Cost for federal income tax purposes was \$176,927,140.

Net unrealized appreciation consisted of:

Gross Unrealized Appreciation \$23,036,263 Gross Unrealized Depreciation (16,837,234)

Net Unrealized Appreciation \$6,199,029

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: January 26, 2018

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: January 26, 2018

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

Date: January 26, 2018