JOHN HANCOCK PREFERRED INCOME FUND III Form N-O

December 23, 2016

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT INVESTMENT COMPANIES

Investment Company Act file number 811-21287

John Hancock Preferred Income Fund III

(Exact name of registrant as specified in charter)

601 Congress Street, Boston, Massachusetts 02210

(Address of principal executive offices) (Zip code)

Salvatore Schiavone, Treasurer

601 Congress Street

Boston, Massachusetts 02210

(Name and address of agent for service)

Registrant's telephone number, including area code: 617-663-4497

Date of fiscal year end: July 31

October 31, 2016

Date of reporting period:

ITEM 1. SCHEDULE OF INVESTMENTS

Preferred Income Fund III

Quarterly portfolio holdings 10/31/16

Fund's investmentsPreferred Income Fund III

As of 10-31-16 (unaudited)

Shares Value

Preferred securities

136.7% (90.9% of \$834,527,786

Total investments) (Cost \$798,129,973)

Consumer

12,120,475 staples 2.0%

Food and staples retailing 2.0%

Ocean

Spray

Cranberries,

135,000 Inc., 12,120,475

Series A, 6.250%

(S)(Z)

Energy 6.0% 36,790,036

Oil, gas and consumable fuels 6.0%

Kinder

Morgan, 798,915

36,790,036 Inc.,

9.750%

Financials 58.0% 354,284,747

Banks 39.3%

Bank

of

2,931,010 America 109,000

Corp., 6.500%

Bank

of

America 41,120 1,121,342

Corp., 6.625%

Barclays

Bank

PLC, 355,000 9,155,450

Series 3, 7.100% (Z) **Barclays**

Bank

PLC, 515,000 13,410,600

Series 5, 8.125% (Z)

BB&T 670,000 17,332,900

Corp.,

5.200% (Z) BB&T Corp., 210,000 5,418,000 5.625% (Z) Citigroup Capital 17,000 442,170 XIII, 7.257% (P) Citigroup, Inc., 85,000 2,151,350 5.800% Citigroup, Inc., 25,000 676,000 6.875% Citigroup, Inc. (6.875% to 11-15-23, 446,650 then 12,814,389 3 month **LIBOR** 4.130%) (Z) Citigroup, Inc. (7.125% to 9-30-23, then 465,848 13,285,985 3 month **LIBOR** +4.040%) First Republic 95,000 2,584,000 Bank, 7.000% (Z)**HSBC** Holdings 63,500 1,654,810 PLC, 8.000% (Z) ING Groep 765,000 19,790,550 NV, 7.200% JPMorgan 120,000 3,050,400 Chase

&

Co.,

5.500% (Z)

JPMorgan

Chase

105,000 & 2,801,400

Co.,

6.100% (Z) **JPMorgan**

Chase

& 1,030,000 27,665,800

Co.,

6.125% (Z)

JPMorgan

Chase

& 125,000 3,358,750

Co., 6.300% **JPMorgan**

Chase

& 30,000 822,600

Co.,

6.700% (Z)

Regions

Financial 131,080 3,405,458 Corp.,

6.375% (Z) Royal

Bank

of

901,000 Scotland 22,660,150

Group PLC,

Series L, 5.750%

Santander Holdings

USA, Inc.,

463,000 11,875,950

Series C, 7.300% (Z)

The **PNC**

Financial

Services 40,000 1,015,600

Group, Inc., 5.375%

The 210,000 5,922,000

PNC Financial Services Group,

```
Inc.
(6.125%
to
5-1-22,
then
3
month
LIBOR
4.067%)
U.S.
Bancorp
(6.500%
to
1-15-22,
then
           888,000
                      26,062,800
3
month
LIBOR
4.468%) (Z)
Wells
Fargo
                      17,030,000
&
           650,000
Company,
6.000% (Z)
Wells
Fargo
&
           374,000
                      10,150,360
Company,
8.000% (Z)
Wells
Fargo
&
Company
(6.625%
to
3-15-24,
           50,000
                      1,475,500
then
3
month
LIBOR
+
3.690%) (Z)
Capital markets 6.6%
Deutsche
           13,800
                      318,228
Bank
Contingent
Capital
Trust
```

II,

6.550% Deutsche Bank Contingent Capital 311,000 7,554,190 Trust III, 7.600% (Z) Morgan Stanley, 170,000 4,649,500 6.625% (Z) Morgan Stanley (6.375% to 10-15-24, 95,000 2,622,000 then 3 month **LIBOR** 3.708%) (Z) State Street 65,000 1,651,000 Corp., 5.250% (Z) State Street 795,000 21,147,000 Corp., 6.000% (Z) The Bank of New 43,000 1,139,500 York Mellon Corp., 5.200% The Goldman Sachs 60,000 1,549,200 Group, Inc.,

2SEE NOTES TO FUND'S INVESTMENTS

5.950% (Z)

Preferred Income Fund III

	Shares	Value
Financials		
(continued)		
Consumer f	inance 2.7	1%
Capital		
One		
Financial	289,250	\$7,720,083
Corp.,		
6.200% (Z)		
Capital		
One		
Financial	40,000	1,123,600
Corp.,		
6.700% (Z)		
Navient		
Corp.,	231,123	5,285,783
6.000% (Z)		
SLM		
Corp.,	44.000	2.256.624
Series A,	44,899	2,256,624
6.970% (Z)		
Insurance 9	.3%	
Aegon		
NV,	355,492	9,050,826
6.375% (Z)	•	,
Aegon		
NV,	330,000	8,556,900
6.500% (Z)	•	, ,
Prudential		
Financial,	150,000	2 0 5 0 5 0 0
Inc.,	150,000	3,958,500
5.750% (Z)		
Prudential		
PLC,	130,700	3,409,963
6.500% (Z)		-,,
Renaissance		
Holdings,		201 600
Ltd.,	15,000	381,600
Series C, 6.	080%	
The		
Phoenix		
	574.500	10,897,576
Inc.,	,	-, · ,- · O
7.450%		
W.R.		
Berkley		
Corp.,	805,000	20,632,150
5.625% (Z)		
2.020 (2)		

Thrifts and mortgage finance 0.1% Federal
National
Mortgage
Association,
Seria 6

Series S, 8.250% (I)

Health care 5.6% 33,920,500

Pharmaceuticals 5.6%

Teva

Pharmaceutical

Industries, 44,750 33,920,500

Ltd., 7.000%

Industrials 2.2% 13,587,000

Machinery 2.2%

Stanley Black

& 525,000 13,587,000 Decker,

Decker, Inc.,

5.750% (Z)

Real estate 11.7% 71,272,111

Equity real estate investment

trusts 11.7% Digital

Realty

Trust, 40,134 1,112,916

Inc., 7.375%

Kimco Realty

Corp., 955,000 24,218,800

6.000% (Z)

Public

Storage, 255,000 6,482,100

5.200% (Z) Public

Storage, 439,500 11,167,695

5.750% (Z) Public

Storage, 30,000 801,300

5.875% (Z)

Senior Housing

Properties 875,000 21,787,500

Trust, 5.625% (Z)

Ventas 215,000 5,701,800

Realty LP,

5.450% (Z) Telecommunication 52,022,387 services 8.5% Diversified telecommunication services 1.6% Qwest Corp., 20,000 505,000 6.125% **Qwest** Corp., 65,000 1,677,000 6.875% (Z) Qwest Corp., 60,000 1,524,000 7.000% (Z)Qwest 87,553 Corp., 2,225,597 7.500% Verizon Communications, 148,000 3,985,640 Inc., 5.900% (Z) Wireless telecommunication services 6.9% Telephone & Data 473,000 12,146,640 Systems, Inc., 6.875% Telephone & Data 415,000 10,570,050 Systems, Inc., 7.000% (Z) United States Cellular 742,000 19,388,460 Corp., 6.950% Utilities 42.7% 260,530,530 Electric utilities 27.2% Duke Energy 960,000 25,056,000 Corp., 5.125% (Z) Entergy Louisiana 240,000 6,194,400

SEE NOTES TO FUND'S INVESTMENTS3

LLC, 5.250% (Z)

Preferred Income Fund III

	Shares	Value
Utilities (continued)		
Electric utilities (continue	ed)	
FPL		
Group		
Capital	295,000	\$7,658,200
Trust	,	. , ,
I,		
5.875% (Z)		
Great		
Plains	£15,000	27 290 950
Energy,	515,000	27,289,850
Inc., 7.000%		
HECO		
Capital		
Trust	228,100	6,014,997
III,	220,100	0,014,997
6.500%		
Interstate		
Power		
&		
Light	202,470	5,438,344
Company,		
5.100% (Z)		
NextEra		
Energy		
Capital	• • • • • • • •	7 04 2 000
Holdings,	200,000	5,012,000
Inc.,		
5.125% (Z)		
NextEra		
Energy		
Capital	745,000	10.057.100
Holdings,	745,000	19,057,100
Inc.,		
5.700% (Z)		
PPL		
Capital		
Funding,	1,124,024	29,292,065
Inc.,		
5.900% (Z)		
SCE		
Trust	210,000	5,371,800
I,	,	-,-,-,-
5.625% (Z)	606.000	1660155
SCE	636,000	16,294,320
Trust		

Logarin	ing. oor iiv riiAi	10001111
II, 5.100% (Z)		
SCE		
Trust		
III		
(5.750%		
to	120,000	2 444 000
3-15-24,	120,000	3,444,000
then 3 month		
LIBOR		
+		
2.990%) (Z)		
The		
Southern	• • • • • • •	
Company,	380,000	10,149,800
6.250% (Z)		
Independent power and re-	newable electric	ity
producers 0.3%		•
AES		
Trust	31,734	1,604,154
III,	31,734	1,004,134
6.750%		
Multi-utilities 15.2%		
BGE		
Capital		
Trust	762,000	19,621,500
II,		
6.200% (Z)		
Dominion		
Resources, Inc.,	746,166	37,644,075
6.750% (Z)		
DTE		
Energy		
Company,	647,000	16,563,200
5.250% (Z)		
DTE		
Energy	12 000	602.250
Company,	13,000	692,250
6.500%		
DTE		
Energy	405,000	10,315,350
Company,	105,000	10,515,550
6.500% (Z)		
Integrys	287,500	7,817,125
Holding,		
Inc.		
(6.000%		
to 8-1-23,		
0-1-23,		

then 3						
month	month					
LIBOR						
+						
3.220%) (Z)						
Common stocks 10.5% (6	.9% of Total	\$63,903,014				
investments)		ψ03,703,014				
(Cost \$57,366,630)						
Energy 10.0%		60,711,014				
Oil, gas and consumable f	uels 10.0%					
BP						
PLC,	623,000	22,147,650				
ADR (Z)						
Royal						
Dutch						
Shell						
PLC,	472,029	23,511,764				
ADR,						
Class						
A (Z)						
Spectra						
Energy	360,000	15,051,600				
Corp. (Z)						
Utilities 0.5%		3,192,000				
Multi-utilities 0.5%						
CenterPoint Energy,	140,000	3,192,000				
Inc. (Z)	140,000	3,172,000				
Rate) Maturity d	at ₽ ar value^	Value				
(%		varae				
Corporate bonds 2.5% (1.	7% of Total	\$15,409,500				
investments)		Ψ12,103,200				
(Cost \$17,637,867)						
Energy 1.5%		8,933,250				
Oil, gas and consumable f	uels 1.5%					
Energy						
Transfer 3.903 11-01-66	12,900,000	8.933.250				
Partners	, ,	-, ,				
LP (P)		6.456.250				
Utilities 1.0%		6,476,250				
Electric utilities 0.5%	2 000 000	2.256.250				
South@250 02-01-22	3,000,000	3,356,250				
California						
Edison						
Company						
(6.250%						
to						
2-1-22, then						
UICII						
3						

```
+ 4.199%) (Q) (Z)
Multi-utilities 0.5%
Dominion
Resources,
Inc.
(5.750%
to
10-1-24
then
5.750 10-01-54 3,000,000 3,120,000
3
month
LIBOR
+
3.057%) (Z)
4SEE NOTES TO FUND'S INVESTMENTS
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\$610,688,467

Preferred Income Fund III

Total net assets 100.0%

Yield* (%) Maturity datPar value^ Value Short-term investments 0.7% (0.5% of \$4,345,000 Total investments) (Cost \$4,345,000) U.S. Government Agency 0.6% 3,495,000 Federal Agricultural Mortgage Corp. 0.200 11-01-16 3,495,000 3,495,000 Discount Note Repurchase agreement 0.1% 850,000 Repurchase Agreement with State Street Corp. dated 10-31-16 at 0.030% to be repurchased at \$850,001 on 11-1-16, collateralized 850,000 850,000 by \$870,000 Federal Home Loan Mortgage Corp., 1.000% due 8-15-18 (valued at \$871,088, including interest) **Total investments (Cost \$877,479,470)** \$918,185,300 150.4% Other assets and liabilities, net (50.4%) (\$307,496,833)

The percentage shown for each investment category is the total value of the category as a percentage of the net assets of the fund unless otherwise indicated.

^All par values are denominated in U.S. dollars unless otherwise indicated.

Key to Security Abbreviations and

Legend

American

ADR Depositary

Receipts

London

LIBOR Interbank

Offered Rate

Non-income

(I) producing

security.

Variable rate

obligation.

The coupon

(P) rate shown

represents the

rate at period

end.

Perpetual

bonds have no

stated maturity

date. Date

(Q) shown as

maturity date

is next call

date.

(S) These

securities are

exempt from

registration

under Rule

144A of the

Securities Act

of 1933. Such

securities may

be resold,

normally to

qualified institutional buyers, in transactions exempt from registration. All or a portion of this security is pledged as collateral

(Z) pursuant to the

Credit Facility

Agreement.

Total collateral

value at

10-31-16 was

\$644,360,584.

Yield

represents

either the

annualized

yield at the

date of

date of

purchase, the

stated coupon

rate or, for

floating rate

securities, the

rate at period

end.

At 10-31-16,

the aggregate

cost of

investment

securities for

federal income

tax purposes

was

\$877,499,377.

Net unrealized

appreciation

aggregated to

\$40,685,923,

of which

\$55,964,827

related to

appreciated

investment

securities and

\$15,278,904

related to depreciated investment securities.

The fund had the following country composition as a percentage of total investments on 10-31-16:

United States 81.8%
United Kingdom 7.9%
Netherlands 6.6%
Israel 3.7%
TOTAL 100.0%

SEE NOTES TO FUND'S INVESTMENTS5

Notes to Fund's investments (unaudited)

Security valuation. Investments are stated at value as of the scheduled close of regular trading on the New York Stock Exchange (NYSE), normally at 4:00 p.m., Eastern Time. In case of emergency or other disruption resulting in the NYSE not opening for trading or the NYSE closing at a time other than the regularly scheduled close, the net asset value may be determined as of the regularly scheduled close of the NYSE pursuant to the fund's Valuation Policies and Procedures. The time at which shares and transactions are priced and until which orders are accepted may vary to the extent permitted by the Securities and Exchange Commission and applicable regulations.

In order to value the securities, the fund uses the following valuation techniques: Equity securities held by the fund are typically valued at the last sale price or official closing price on the exchange or principal market where the security trades. In the event there were no sales during the day or closing prices are not available, the securities are valued using the last available bid price. Debt obligations are valued based on the evaluated prices provided by an independent pricing vendor or from broker-dealers. Independent pricing vendors utilize matrix pricing which takes into account factors such as institutional-size trading in similar groups of securities, yield, quality, coupon rate, maturity, type of issue, trading characteristics and other market data, as well as broker supplied prices. Swaps are valued using evaluated prices obtained from an independent pricing vendor. Futures contracts are valued at settlement prices, which are the official closing prices published by the exchange on which they trade.

In certain instances, the Pricing Committee may determine to value equity securities using prices obtained from another exchange or market if trading on the exchange or market on which prices are typically obtained did not open for trading as scheduled, or if trading closed earlier than scheduled, and trading occurred as normal on another exchange or market.

Other portfolio securities and assets, for which reliable market quotations are not readily available, are valued at fair value as determined in good faith by the fund's Pricing Committee following procedures established by the Board of Trustees. The frequency with which these fair valuation procedures are used cannot be predicted and fair value of securities may differ significantly from the value that would have been used had a ready market for such securities existed.

The fund uses a three-tier hierarchy to prioritize the pricing assumptions, referred to as inputs, used in valuation techniques to measure fair value. Level 1 includes securities valued using quoted prices in active markets for identical securities. Level 2 includes securities valued using other significant observable inputs. Observable inputs may include quoted prices for similar securities, interest rates, prepayment speeds and credit risk. Prices for securities valued using these inputs are received from independent pricing vendors and brokers and are based on an evaluation of the inputs described. Level 3 includes securities valued using significant unobservable inputs when market prices are not readily available or reliable, including the fund's own assumptions in determining the fair value of investments. Factors used in determining value may include market or issuer specific events or trends, changes in interest rates and credit quality. The inputs or methodology used for valuing securities are not necessarily an indication of the risks associated with investing in those securities. Changes in valuation techniques and related inputs may result in transfers into or out of an assigned level within the disclosure hierarchy.

The following is a summary of the values by input classification of the fund's investments as of October 31, 2016, by major security category or type:

Total Level 1 significant significant observable inputs

Level 2 Level 3 significant observable unobservable inputs

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Consumer staples	\$12,120,475		\$12,120,475
Energy	36,790,036	\$36,790,036	
Financials	354,284,747	343,387,171	10,897,576
Health care	33,920,500	33,920,500	
Industrials	13,587,000	13,587,000	
Real estate	71,272,111	71,272,111	
Telecommunication services	52,022,387	48,036,747	3,985,640
Utilities	260,530,530	252,713,405	7,817,125
Common stocks	63,903,014	63,903,014	
Corporate bonds	15,409,500		15,409,500
Short-term investments	4,345,000		4,345,000
Total investments in securities	\$918,185,300	\$863,609,984	\$54,575,316
Other financial instruments:			
Futures	\$997,315	\$997,315	
Interest rate swaps	(115,158)		(\$115,158)

Repurchase agreements. The fund may enter into repurchase agreements. When the fund enters into a repurchase agreement, it receives collateral that is held in a segregated account by the fund's custodian. The collateral amount is marked-to-market and monitored on a daily basis to ensure that the collateral held is in an amount not less than the principal amount of the repurchase agreement plus any accrued interest. Collateral received by the fund for repurchase agreements is disclosed in the Fund's investments as part of the caption related to the repurchase agreement.

Repurchase agreements are typically governed by the terms and conditions of the Master Repurchase Agreement and/or Global Master Repurchase Agreement (collectively, MRA). Upon an event of default, the non-defaulting party may close out all transactions traded under the MRA and net amounts owed. Absent an event of

6

default, assets and liabilities resulting from repurchase agreements are not offset. In the event of a default by the counterparty, realization of the collateral proceeds could be delayed, during which time the collateral value may decline or the counterparty may have insufficient assets to pay back claims resulting from close-out of the transactions.

Derivative instruments. The fund may invest in derivatives in order to meet its investment objectives. Derivatives include a variety of different instruments that may be traded in the over-the-counter (OTC) market, on a regulated exchange or through a clearing facility. The risks in using derivatives vary depending upon the structure of the instruments, including the use of leverage, optionality, the liquidity or lack of liquidity of the contract, the creditworthiness of the counterparty or clearing organization and the volatility of the position. Some derivatives involve risks that are potentially greater than the risks associated with investing directly in the referenced securities or other referenced underlying instrument. Specifically, the fund is exposed to the risk that the counterparty to an OTC derivatives contract will be unable or unwilling to make timely settlement payments or otherwise honor its obligations. OTC derivatives transactions typically can only be closed out with the other party to the transaction.

Futures. A futures contract is a contractual agreement to buy or sell a particular currency or financial instrument at a pre-determined price in the future. Risks related to the use of futures contracts include possible illiquidity of the futures markets and contract prices that can be highly volatile and imperfectly correlated to movements in the underlying financial instrument. Use of long futures contracts subjects the funds to the risk of loss up to the notional value of the futures contracts. Use of short futures contracts subjects the funds to unlimited risk of loss.

During the period ended October 31, 2016, the fund used futures contracts to manage against anticipated interest rate changes against preferred securities. The following table summarizes the contracts held at October 31, 2016.

Open contracts	Number of contracts	Position	Expiration date	Notional basis	Notional value	Unrealized appreciation (depreciation)
10-Year U.S. Treasury Note	680	Short	Dec 2016	(\$89,142,315)	(\$88,145,000)	\$997,315

Notional basis refers to the contractual amount agreed upon at inception of open contracts; notional value represents the current value of the open contract.

Interest rate swaps. Interest rate swaps represent an agreement between the fund and a counterparty to exchange cash flows based on the difference between two interest rates applied to a notional amount. The payment flows are usually netted against each other, with the difference being paid by one party to the other. The fund settles accrued net interest receivable or payable under the swap contracts at specified, future intervals. Swap agreements are privately negotiated in the OTC market or may be executed on a registered commodities exchange (centrally cleared swaps). Swaps are marked-to-market daily and the change in value is recorded as unrealized appreciation/depreciation of swap contracts. A termination payment by the counterparty or the fund is recorded as realized gain or loss, as well as the net periodic payments received or paid by the fund. The value of the swap will typically impose collateral posting obligations on the party that is considered out-of-the-money on the swap.

During the period ended October 31, 2016, the fund used interest rate swaps to manage against anticipated interest rate changes. The following table summarizes the interest rate swap contracts held as of October 31, 2016.

Counterparty	USD notional amount	Payments made by fund	Payments received by fund	Maturity date	Market value
Morgan Stanley Capital Services	\$72,000,000	Fixed 0.8750%	3-month LIBOR (a)	Jul 2017	(\$115,158)
(a) At 10-31-16, the 3-month LIBO	R rate was 0.884	28%			

For additional information on the fund's significant accounting policies, please refer to the fund's most recent semiannual or annual shareholder report.

7

More information

How to contact us

Internet www.jhinvestments.com

Computershare

Mail P.O. Box 30170

College Station, TX 77842-3170

Customer service representatives **800-852-0218** Portfolio commentary **800-344-7054**

Phone 24-hour automated information 800-843-0090

TDD line **800-231-5469**

P12O110/16

This report is for the information of the shareholders of John Hancock Preferred Income Fund III.

12/16

ITEM 2. CONTROLS AND PROCEDURES.

- (a) Based upon their evaluation of the registrant's disclosure controls and procedures as conducted within 90 days of the filing date of this Form N-Q, the registrant's principal executive officer and principal accounting officer have concluded that those disclosure controls and procedures provide reasonable assurance that the material information required to be disclosed by the registrant on this report is recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commission's rules and forms.
- (b) There were no changes in the registrant's internal control over financial reporting that occurred during the registrant's last fiscal quarter that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

ITEM 3. EXHIBITS.

Separate certifications for the registrant's principal executive officer and principal accounting officer, as required by Rule 30a-2(a) under the Investment Company Act of 1940, are attached.

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.
John Hancock Preferred Income Fund III
By: /s/ Andrew Arnott Andrew Arnott President
Date: December 19, 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 date indicated.

By: /s/ Andrew Arnott

Andrew Arnott President

Date: December 19, 2016

By: /s/ Charles A. Rizzo

Charles A. Rizzo Chief Financial Officer

Date: December 19, 2016