John Hancock Hedged Equity & Income Fund Form N-CSRS August 18, 2016

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

FORM N-CSR

CERTIFIED SHAREHOLDER REPORT OF REGISTERED

MANAGEMENT INVESTMENT COMPANIES

Investment Company Act file number 811-22441

<u>John Hancock Hedged Equity & Income Fund</u> (Exact name of registrant as specified in charter)

<u>601 Congress Street, Boston, Massachusetts 02210</u> (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: December 31

Date of reporting period: June 30, 2016

ITEM 1. REPORT TO SHAREHOLDERS

John Hancock

Hedged Equity & Income Fund

Ticker: HEQ

Semiannual report 6/30/16

Managed distribution plan

The fund has adopted a managed distribution plan (Plan). Under the Plan, the fund makes quarterly distributions of an amount equal to \$0.376 per share, which will be paid quarterly until further notice. The fund may make additional distributions: (i) for purposes of not incurring federal income tax at the fund level of investment company taxable income and net capital gain, if any, not included in such regular distributions; and (ii) for purposes of not incurring federal excise tax on ordinary income and capital gain net income, if any, not included in such regular distributions.

The Plan provides that the Board of Trustees of the fund may amend the terms of the Plan or terminate the Plan at any time without prior notice to the fund's shareholders. The Plan is subject to periodic review by the fund's Board of Trustees.

You should not draw any conclusions about the fund's investment performance from the amount of the fund's distributions or from the terms of the fund's Plan. The fund's total return at NAV is presented in the Financial highlights section.

With each distribution that does not consist solely of net income, the fund will issue a notice to shareholders and an accompanying press release that will provide detailed information regarding the amount and composition of the distribution and other related information. The amounts and sources of distributions reported in the notice to shareholders are only estimates and are not provided for tax reporting purposes. The actual amounts and sources of the amounts for tax reporting purposes will depend upon the fund's investment experience during the remainder of its fiscal year and may be subject to changes based on tax regulations. The fund will send you a Form 1099-DIV for the calendar year that will tell you how to report these distributions for federal income tax purposes. The fund may, at times, distribute more than its net investment income and net realized capital gains; therefore, a portion of your distribution may result in a return of capital. A return of capital may occur, for example, when some or all of the money that you invested in the fund is paid back to you. A return of capital does not necessarily reflect the fund's investment performance and should not be confused with yield or income.

A message to shareholders

Dear shareholder,

The past six months marked a volatile stretch for equity investors. In January, major U.S. equity indexes experienced corrections declines of 10% or more before going on to rebound in the spring. Turbulence soon returned, however, as Brexit, the U.K.'s vote in late June to leave the European Union (EU), created a challenging backdrop for financial markets. Investors embraced traditional safe-haven assets, including U.S. Treasuries and gold, but equities and currency markets worldwide experienced sharp short-term drops. The move creates a number of unknowns in the near term, the most important of which is whether other EU countries will follow suit, and may ultimately have a negative effect on Europe's economic recovery. Our network of asset managers and researchers expects that the European Central Bank and the Bank of England will likely expand their efforts to stimulate economic activity and that the U.K.'s decision may even delay the U.S. Federal Reserve's next interest-rate increase until December at the earliest, all of which should help support markets. In fact, the S&P 500 Index and Dow Jones Industrial Average both went on to hit all-time highs in mid-July as investors bought stocks on the Brexit dip.

While it's impossible to predict how markets will respond to global macroeconomic developments in the coming weeks and months, it is prudent to expect continued volatility. At John Hancock Investments, portfolio risk management is a critical part of our role as an asset manager and our dedicated risk team is focused on these issues every day. We continually strive for new ways to analyze potential risks and have liquidity tools in place to meet the needs of our fund shareholders. Whether the markets are up or down, your financial advisor can help ensure your portfolio is sufficiently diversified to meet your long-term objectives and to withstand the inevitable bumps along the way.

On behalf of everyone at John Hancock Investments, I'd like to take this opportunity to thank you for the continued trust you've placed in us.

Sincerely,

Andrew G. Arnott President and Chief Executive Officer John Hancock Investments

This commentary reflects the CEO's views as of June 30, 2016. They are subject to change at any time. All investments entail risks, including the possible loss of principal. Diversification does not guarantee a profit or eliminate the risk of a loss. For more up-to-date information, you can visit our website at jhinvestments.com.

John Hancock Hedged Equity & Income Fund

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Your fund at a glance

INVESTMENT OBJECTIVE

The fund seeks to provide total return with a focus on current income and gains and also consisting of long-term capital appreciation.

AVERAGE ANNUAL TOTAL RETURNS AS OF 6/30/16 (%)

The MSCI All Country World Index (gross of foreign withholding tax on dividends) is a free float-adjusted market capitalization weighted index that is designed to measure the equity market performance of developed and emerging markets.

It is not possible to invest directly in an index. Index figures do not reflect expenses or sales charges, which would result in lower returns.

The fund's most recent performance and current annualized distribution rate can be found at jhinvestments.com.

The fund's performance at net asset value (NAV) is different from the fund's performance at closing market price because the closing market price is subject to the dynamics of secondary market trading, which could cause the fund to trade at a discount or premium to its NAV at any time.

The performance data contained within this material represents past performance, which does not guarantee future results.

PERFORMANCE HIGHLIGHTS OVER THE LAST SIX MONTHS

Global stocks were generally flat to down

Global stocks were flat for the period, with aggressive policy actions by central banks offsetting periods of volatility due to global growth concerns and geopolitical uncertainty in Europe and the United Kingdom.

Defensive stocks paced relative results

The fund outperformed its comparative index, the MSCI All Country World Index, owing primarily to stock selection in the more defensive telecommunication services, consumer staples, and healthcare sectors.

The fund's high-yield exposure helped

Allocation to global high-yield bonds, which provide a source of income, contributed to relative performance during the period.

PORTFOLIO COMPOSITION AS OF 6/30/16 (%)

A note about risks

As is the case with all closed-end funds, shares of this fund may trade at a discount or a premium to the fund's net asset value (NAV). In addition to the impact of market movements, if a shareholder purchases shares at a time when the market price is at a premium to the NAV or sells shares at a time when the market price is at a discount to the NAV, the shareholder may sustain losses. An investment in the fund is subject to investment and market risks, including the possible loss of the entire principal invested. There is no guarantee prior distribution levels will be maintained, and distributions may include a substantial return of capital. Fixed-income investments are subject to interest-rate risk; their value will normally decline as interest rates rise. An issuer of securities held by the fund may default, have its credit rating downgraded, or otherwise perform poorly, which may affect fund performance. Hedging, derivatives, and other strategic transactions may increase a fund's volatility and could produce disproportionate losses, potentially more than the fund's principal investment. Liquidity the extent (if at all) to which a security may be sold or a derivative position closed without negatively affecting its market value may be impaired by reduced trading volume, heightened volatility, rising interest rates, and other market conditions. Foreign investing, especially in emerging markets, has additional risks, such as currency and market volatility and political and social instability. Investments in higher-yielding, lower-rated securities include a higher risk of default. The primary risks associated with the use of futures contracts and options are imperfect correlation, unanticipated market movement, and counterparty risk.

Discussion of fund performance

An interview with Portfolio Manager Kent M. Stahl, CFA, Wellington Management Company LLP

Kent M. Stahl, CFA

Portfolio Manager Wellington Management Company LLP

What factors affected global markets over the past six months?

Global equities, as measured by the fund's comparative index, the MSCI All Country World Index, gained only 1.58% for the first half of 2016 as the rally in risk assets stalled. The year got off to a volatile start as Chinese stocks plunged in early January, sparking a global risk-off trade. Along with ongoing worries about a hard landing in China, fears that yuan weakness could unleash a wave of global deflationary pressure resurfaced. Once again, monetary policy accommodation by major central banks in Japan, China, and the European Union (EU) helped support risk assets.

The volatility in the market continued into the second quarter of 2016, capped by Brexit, the vote of the U.K. electorate to leave the EU. While the short-term uncertainty about the outcome of the vote is now behind us, we are entering a new period of ambiguity regarding the implementation of the outcome, which may heighten near-term volatility. Overshadowed by the Brexit vote were a promising European economic backdrop and the European Central Bank's reaffirmation of its low interest-rate policy stance. In the United States, solid economic data helped investors shrug off the U.S. Federal Reserve's ramped-up rhetoric hinting at raising rates during May. Market participants were also encouraged by improving signs from China's economic data releases and Beijing's increased emphasis on currency stability.

During the six-month period, U.S. equities outperformed non-U.S. equities and emerging-market equities outperformed their developed market counterparts. Within the fund's comparative index, seven out of ten sectors posted positive returns. Energy, utilities, and telecommunication services gained the most, while the financials, consumer discretionary, and healthcare sectors declined.

How did the fund respond to these market conditions?

The fund seeks to provide investors with a portfolio that will generate attractive long-term total returns with downside equity market protection through a portfolio that invests in global equities and high-yield bonds and employs options strategies. The fund performed well compared with its index for the reporting period at net asset value, primarily due to its allocation to high-yield bonds and strong stock selection in the equity strategy. The fund's option overlay and beta hedge a

"During the six-month period, U.S. equities outperformed non-U.S. equities and emerging-market equities outperformed their developed market counterparts."

strategy that reduces the fund's equity exposure by selling futures on the S&P 500 Index and the MSCI EAFE Index and benefits when such indexes decline detracted from relative performance as the S&P 500 Index advanced during the period.

Allocation among sectors, a result of the fund's bottom-up stock selection process, contributed to relative results, most notably due to an underweight in the consumer discretionary sector and overweight exposure to the utilities, energy, and telecommunication services sectors. Stock selection also aided relative performance, particularly within the defensive telecommunication services, consumer staples, and healthcare sectors. These results were partially offset by weaker selection within financials and consumer discretionary stocks.

In a volatile period for equities, which stocks had the greatest positive impact on relative performance for the year?

Top contributors to the fund's relative performance during the period included U.K.-based British American Tobacco PLC, which benefited from pricing power and investor preference for dividend-paying securities. Japan-based telecommunication services companies Nippon Telegraph &

SECTOR COMPOSITION AS OF 6/30/16 (%)

"While Brexit and its impact will persist for some time, we believe the direct impact can be contained to the United Kingdom and Europe."

Telephone Corp. and wireless carrier NTT DOCOMO, Inc., were boosted by subscriber and profit growth at DOCOMO, which is majority owned by Nippon.

Which positions detracted the most from results?

Primary detractors from relative performance included the fund's holdings in U.S.-based The PNC Financial Services Group, Inc. and Japan-based bank Mitsubishi UFJ Financial Group, Inc., which were pressured by the impact of low interest rates on lending margins and capital markets volatility. British homebuilder Persimmon PLC was also among the top detractors.

How was the fund positioned at the end of the period?

At the end of the period, the equity portfolio was most overweight in the utilities, financials, and telecommunication services, while underweight in the consumer discretionary, consumer staples, and information technology sectors. From a regional standpoint, the fund had overweight exposure to Europe (including the United Kingdom) and Japan, while being underweight to most emerging markets and North America. As always, we remain vigilant about downside risk and believe that the portfolio's strategy, which seeks to participate in rising markets and manage downside risk while providing income, has the potential to perform well in multiple market environments.

While Brexit and its impact will persist for some time, we believe the direct impact can be contained

TOP 10 HOLDINGS AS OF 6/30/16 (%)

British American Tobacco PLC	2.7
Merck & Company, Inc.	2.4
Microsoft Corp.	2.2
Chevron Corp.	1.6
Intel Corp.	1.5
Bristol-Myers Squibb Company	1.5
The PNC Financial Services Group, Inc.	1.5
Cisco Systems, Inc.	1.5
JPMorgan Chase & Co.	1.5
Eaton Corp. PLC	1.3
TOTAL	17.7

As a percentage of net assets.

Cash and cash equivalents are not included.

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to the United Kingdom and Europe. While our team sees the potential for a U.K. recession in 2017 and slightly weaker growth for Europe, we maintain a low but positive global growth outlook. We continue to believe that the United States will show improving but uninspiring growth for the second half of the year with expected improvement in investment and capital expenditures as activity levels normalize. We believe that the U.S. consumer remains healthy and the drag from the stronger U.S. dollar will become less of a headwind on a year-over-year basis. **MANAGED BY**

Kent M. Stahl, CFA

On the fund since 2011 Investing since 1985 **Gregg R. Thomas, CFA** On the fund since 2011

Investing since 1993

COUNTRY COMPOSITION AS OF 6/30/16 (%)

United States	52.1
Japan	9.4
United Kingdom	8.2
Switzerland	4.0
France	3.7
Germany	3.2
Canada	2.9
Luxembourg	2.6
Netherlands	2.1
Italy	1.7
Other countries	10.1
TOTAL	100.0

As a percentage of net assets.

The views expressed in this report are exclusively those of Kent M. Stahl, CFA, Wellington Management Company LLP, and are subject to change. They are not meant as investment advice. Please note that the holdings discussed in this report may not have been held by the fund for the entire period. Portfolio composition is subject to review in accordance with the fund's investment strategy and may vary in the future. Current and future portfolio holdings are subject to risk.

Fund's investments

As of 6-30-16 (unaudited)

A5 01 0-30-	10 (unau	uiteu)
	Shares	Value
Common stocks		\$163,833,542
81.3%		ψ103,033,3 1 2
(Cost \$167,	063,239)	
Consumer		9,243,030
discretionar	y 4.6%	9,243,030
Auto compo	onents 0.7	%
Aisan		
Industry	15,600	100,940
Company,	13,000	100,940
Ltd.		
Exedy	8,200	175,559
Corp.	0,200	173,339
Keihin	14,200	210 104
Corp.	14,200	219,104
Nissin		
Kogyo	12 200	160.066
Company,	13,200	169,066
Ltd.		
NOK	12 000	217 672
Corp.	12,800	217,672
Sumitomo		
Riko	14.500	116 100
Company,	14,500	116,180
Ltd.		
Tokai		
Rika	12 000	100.074
Company,	12,800	189,074
Ltd.		
Toyoda		
Gosei	44.000	100.464
Company,	11,200	199,464
Ltd.		
Automobile	es 0.4%	
Honda		
Motor		
Company,	16,800	421,398
Ltd.		
Mitsubishi		
Motors	33,800	156,032
Corp.	22,000	100,002
corp.		

	Edga	ır Filing: John
Peugeot SA (I)	3,952	47,369
Renault SA	1,812	136,801
Diversified	consumer	services 0.1%
Allstar Co-Invest LLC (I)(R)	236,300	137,054
Benesse Holdings,	3,800	89,208
Inc. Hotels, resta Hilton	urants and	d leisure 0.1%
Worldwide Holdings, Inc.	12,005	270,473
Household o	lurables 1.	2%
Alpine Electronics, Inc.	14,700	144,063
Funai Electric Company, Ltd.	17,863	157,420
Newell Brands, Inc.	7,507	364,615
Nikon Corp.	18,200	246,425
Persimmon PLC	50,594	981,103
Pioneer Corp. (I)	65,000	114,118
PulteGroup, Inc.	27,220	530,518
Internet and Home	catalog re	tail 0.1%
Retail Group PLC	54,185	110,962
Qliro Group AB (I)	49,556	54,871
Media 0.9% Avex		
Group Holdings, Inc.	7,000	79,231
Gendai Agency,	5,200	25,043

Inc.

8

Metropole

Television 6,630 110,230

SA

Proto 3,000 34,901

Corp. 3,000 34,90

SES SA 70,029 1,499,148

Multiline retail 0.2%

Dollar

General 3,490 328,060

Corp.

SEE NOTES TO FINANCIAL STATEMENTS

	Shares	Value
Consumer	Situres	, arac
discretionar	V	
(continued)	J	
Multiline re	tail (conti	inued)
New	tuir (Contr	inaca)
World		
Department Store	343,000	\$44,896
China,		
Ltd. (I)		
Specialty re	tail 0.8%	
Honeys	tan 0.070	
Company,	9.830	107,622
Ltd.	7,030	107,022
Nishimatsuy	va	
Chain		
Company,	4,700	66,653
Ltd.		
Pal		
Company,	4,500	106,095
Ltd.	1,500	100,075
The Home		
Depot,	9,528	1,216,630
Inc.	7,520	1,210,030
Xebio		
Holdings		
Company,	9,200	130,066
Ltd.		
Textiles, ap	narel and l	luvurv
goods 0.1%	parer and i	luxury
Daphne		
Internationa	1	
Internationa Holdings,	506,000	77,241
Ltd. (I)		
Sanyo		
Shokai,	36,000	67,725
Ltd.	30,000	07,723
Consumer		
staples 5.5%	<u>,</u>	11,187,122
Beverages 1		
PepsiCo,	.5 /0	
Inc.	12,729	1,348,510
The		
	26 400	1 107 120
Coca-Cola	ZU,4U9	1,197,120
Company Food and st	anles rate:	ling () 20%
Food and st	apies fetal	mig 0.5%
Cawachi,	4,700	112,222
Ltd.		

72,935 227,206

	⊏uya	ir Filling. 30
J		
Sainsbury		
PLC		
METRO	7,785	239,436
AG	1,105	237,430
Food produc	ets 0.8%	
Ebro	13,769	216 026
Foods SA	13,709	316,936
Ingredion,	6.010	770 700
Inc.	6,018	778,789
Pinnacle		
Foods,	10,146	469,658
Inc.		
Suedzucker	6.000	150 150
AG	6,908	152,152
Household p	roducts 0.	3%
The		
Procter &	- 640	644.220
Gamble	7,610	644,339
Company		
Personal pro	ducts 0.19	%
Oriflame		
Holding	8.135	207,468
AG (I)	-,	,
Tobacco 2.7	%	
British	,-	
American		
Tobacco	84,735	5,493,286
PLC		
Energy 7.5%	ó	15,169,621
Energy equi		
services 0.1		
Ensco		
PLC,	14,177	137,659
Class A	- 1,-77	107,007
Oil, gas and	consumat	ole
fuels 7.4%		
BP PLC	146,481	857.428
Canadian	1.0,.01	007,120
Natural		
Resources,	6,659	205,297
Ltd.		
Chevron		
Corp. (C)	30,346	3,181,171
Encana		
Corp.	9,900	77,011
Eni SpA	31,930	514,302
Gazprom	21,730	211,502
PJSC,	63,011	272,838
ADR	00,011	-12,030
	450,400	28,021
	.50,100	

Harum
Energy
Tbk PT (I)
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-	Shares	Value
Energy (con	•	
Oil, gas and	consumable	e fuels
(continued)		
Indo		
Tambangray Megah	⁷ 96.400	\$68,923
Micgan	, , , , , ,	\$ 00 , 20
Tbk PT		
Inpex	19,300	150,938
Corp.	17,500	150,750
Japan		
Petroleum		
Exploration	8,000	161,256
Company,		
Ltd.		
Lukoil		
PJSC,	7,320	306,356
ADR		
Marathon	70.500	1 050 525
Oil Corp.	70,522	1,058,535
Occidental		
Petroleum	17,176	1,297,819
Corp.	•	, ,
Painted		
Pony		
Petroleum,	12,700	74,512
Ltd. (I)		
Petro Rio		
SA (I)	586	2,499
Petroleo		
Brasileiro		
SA,	27,443	196,492
ADR (I)		
PrairieSky		
Royalty,	173	3,283
Ltd.	175	3,203
Royal		
Dutch		
Shell PLC,	79,747	2,203,296
B Shares		
Statoil		
ASA	8,657	149,580
Suncor		
	66,349	1 920 959
Energy,	00,349	1,839,858
Inc. TOTAL		
SA	40,343	1,934,688
JA TropoComo 1	0	
TransCanad	⁴ 9,904	447,859
Corp. Financials 1	Q 5 <i>0</i> / ₋	27 202 021
r manciais 1	0.570	37,392,921

	-	_
Banks 7.2%		
Allahabad	61,017	62,888
Bank	- ,	, , , , , ,
Alpha Bank	29,314	54,927
AE (I)	29,314	34,927
Banca		
Popolare		
_	43,910	161,212
Romagna	,,,	,
SC		
Banco		
Popular	145,210	188,709
Espanol	143,210	100,709
SA		
BNP		
Paribas	8,496	372,596
SA		
CaixaBank	70,406	155,173
SA		
Canara Bank	27,195	88,246
China		
Construction	n	
Bank	1,496,218	997,436
Corp., H	1,100,210	<i>,</i> 1, 1, 1, 5, 0
Shares		
Corp.	60.024	26 451
Bank (I)	60,024	36,451
Dah Sing		
Financial	15,200	93,936
Holdings,	15,200	,,,,,,
Ltd.		
HSBC	106.000	((1.0(4
Holdings	106,829	661,864
PLC ING		
Groep NV	28,523	295,096
JPMorgan		
Chase &	48,060	2,986,448
Co. (C)	,	_,, _,,
KB		
Financial	0 101	222 624
Group,	8,181	232,634
Inc.		
M&T		
Bank	3,730	440,998
Corp.	00.540	415.500
Mitsubishi	92,749	415,780
UFJ Eineneiel		
Financial		

Group, Inc. Mizuho		
Financial Group, Inc.	207,300	298,317
Nordea Bank AB Sberbank	129,380	1,097,613
of Russia PJSC, ADR	14,300	124,839
Shinhan		
Financial Group	4,297	141,238
Company, l	Ltd.	
Societe	0.050	011.577
Generale	9,959	311,576
SA Standard		
Chartered	40,311	305,838
PLC	70,511	303,030
Sumitomo		
Mitsui		
Financial	12,900	372,488
Group,		
Inc.		
The		
Eighteenth Bank, Ltd.	10,000	24,429
The Oita Bank, Ltd.	15,000	43,263
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Financials	Shares	Value
(continued) Banks (con The PNC	tinued)	
Financial Services Group,	37,322	\$3,037,638
Inc. The Tochigi Bank, Ltd.	16,000	55,288
The Yamanashi Chuo Bank, Ltd.	16,000	56,366
UniCredit SpA Wells	63,541	139,743
Fargo &	27,927	1,321,785
Company (Capital mar		
Banca Generali	55,005	1,102,490
SpA BlackRock, Inc. (C)	5,802	1,987,359
Julius Baer Group,	3,845	154,755
Ltd. (I) UBS Group AG	30,177	391,564
Uranium Participation	n29,800	92,956
Corp. (I) Diversified		
services 0.8		
Intercontine Exchange,		1,140,302
Inc. (C)	4,433	1,140,302
MSCI, Inc.	5,987	461,717
Insurance 6	.2%	
Ageas	9,074	315,406
Assicurazio		
Generali SpA	84,385	995,100
Chubb, Ltd.	11,889	1,554,011

		_
CNO		
Financial	20,363	355,538
Group,	,	,
Inc.		
Coface	18,620	125,963
SA (I)	,	•
Delta	147,652	518,803
Lloyd NV FNF		
	19,853	744,488
Group Marsh &		
McLennan		
Companies,	16,040	1,098,098
Inc.		
MetLife,		
Inc.	46,528	1,853,210
Storebrand		
ASA (I)	53,105	201,450
T&D		
Holdings,	37,400	317,602
Inc.	,	,
The		
Dai-ichi		
Life	10.000	211 574
Insurance	18,900	211,574
Company,		
Ltd.		
Tongyang		
Life		
Insurance	9,537	84,315
Company,		
Ltd.		
Torchmark	2,948	182,245
Corp.	_,,	,- :-
Willis		
Towers	9,834	1,222,465
Watson		
PLC		
XL Group PLC	6,983	232,604
Zurich		
Insurance		
Group	10,226	2,529,735
AG (I)		
Real estate i	nvestment	f
trusts 1.0%	, Common	•
ICADE	13,290	933,893
STORE	,	,
Capital	11,420	336,319
Corp.	•	•
*	23,711	705,876

Weyerhaeuser

Company

Real estate management and

development 1.5%

Castellum

60,449 859,460

AB

Sumitomo

Real

Estate Sales

5,400 106,163

Company,

Ltd.

Vonovia

SE 54,846 2,002,645

SEE NOTES TO FINANCIAL STATEMENTS

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Shares Value

Health care 9.6% \$19,354,296

Biotechnology 0.1%

Sinovac

Biotech, 21,350 126,606

Ltd. (I)

Health care equipment and

supplies 0.3%

Baxter

International7,192 325,222

Inc.

Zimmer

Biomet

1,974 237,630

Holdings,

Inc.

Health care providers and

services 0.4%

AmerisourceBergen 291,263

Corp.

Quest

Diagnostics, 6,581 535,759

Inc.

Suzuken

Company, 990 31,161

Ltd.

Health care technology 0.0%

AGFA-Gevaert 27,196 88,286

NV (I)

Life sciences tools and

services 0.1%

CMIC

Holdings

6,200 95,957

Company,

Ltd.

Pharmaceuticals 8.7%

Almirall

10,263 154,306 SA

AstraZeneca_{44,274} 2,646,853

PLC

Bristol-Myers 41,374 3,043,058 Squibb

Company

Eisai

Company, 28,546 1,593,897

Ltd.

Η

Lundbeck 6,413 240,406

A/S (I)

Johnson &

13,517 1,639,612

Johnson

Merck & Company, 85,584 4,930,494 Inc. (C) Ono Pharmaceutical 5,600 243,942 Company, Ltd. Roche Holding 9,494 2,505,275 AG Takeda Pharmaceutical 9,500 409,718 Company, Ltd. Zoetis, 4,527 214,851 Inc. Industrials 8.8% 17,657,148 Aerospace and defense 0.6% Honeywell International8,584 998,491 Inc. Thales SA 2,466 204,787 Air freight and logistics 0.7% Deutsche 37,446 1,054,947 Post AG **PostNL** 83,878 342,161 NV (I) Airlines 0.2% American Airlines 5,576 157,857 Group, Inc. Deutsche Lufthansa 22,908 269,341 AG Building products 0.3% Cie de Saint-Gobain 9,812 371,930 Fortune **Brands** Home & 176,577 3,046 Security, Inc. Commercial services and supplies 0.0%

SEMIANNUAL REPORT | JOHN HANCOCK HEDGED EQUITY & INCOME FUND

Relia, Inc. 6,600 69,020

SEE NOTES TO FINANCIAL STATEMENTS

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T 1 1	Shares	Value
Industrials		
(continued)		. 0.1%
	n and engine	eering 0.1%
Raubex		45.4.2 0.6
Group,	56,566	\$74,286
Ltd.		
Toyo		
Engineering	; 63,000	209,158
Corp.		
Electrical ed	quipment 2.1	1%
Eaton	44,694	2,669,573
Corp. PLC	77,027	2,007,373
Schneider		
Electric	22,176	1,293,762
SE		
Ushio, Inc.	12,200	143,333
Zumtobel	10,716	120 427
Group AG	10,710	130,437
Industrial co	onglomerate	s 1.3%
3M	7.107	1 240 000
Company	7,127	1,248,080
Koninklijke		
Philips	7,327	181,975
NV	•	ŕ
Rheinmetall	4.015	238,807
AU	,	,
Siemens	9,301	954,479
AG	,	,
Machinery	1.1%	
Caterpillar,	14,747	1,117,970
Inc.	,,	1,117,570
Deere &	4,526	366,787
Company	.,626	200,707
Hisaka		
Works,	8,900	73,433
Ltd.		
Sumitomo		
Heavy	42,000	184,502
Industries,	42,000	104,502
Ltd.		
The Japan		
Steel	52,000	237,684
Works,	32,000	237,064
Ltd.		
Toshiba		
Machine	48,000	145 105
Company,	+0,000	145,195
Ltd.		
Marine 0.19	6	

	⊏ugar	Filing: John Hancock Heaged Equity & Income Fund - Form N-05
D/S Norden A/S (I)	7,728	107,905
Pacific Basin Shipping, Ltd. (I)	988,000	93,506
Professiona	l services 0.	2%
Adecco Group AG	3,464	174,717
en-japan, Inc.	7,000	130,040
Hays PLC Road and ra Kansas	123,178 nil 0.8%	160,944
City Southern Union	4,948	445,765
Pacific Corp.	12,398	1,081,726
_	npanies and 0.3%	
Electric Company, Ltd.	9,100	156,302
Rexel SA	16,723	210,248
SIG PLC	108,010	162,116
Transportat	ion infrastru	cture 1.0%
Hamburger		
Hafen und Logistik AG	5,362	80,261
Jiangsu Expressway Company, Ltd., H Shares		1,939,046
Information technology	11.0%	22,079,748
Communica Cisco	ations equip	ment 1.5%
Systems, Inc. (C)	105,756	3,034,140
	TO FINAN	NCIAL STATEMENTS

Information technology (continued) Electronic equipment, instruments and components 0.4% Avnet,		Shares	Value
(continued) Electronic equipment, instruments and components 0.4% Avnet, Inc.	Information		
Electronic equipment, instruments and components 0.4% Avnet, 6,764 \$274,010 Inc. Hosiden 26,200 162,890 Corp. Kingboard Laminates Holdings, Ltd. Mitsumi Electric Company, Ltd. (I) Nichicon Corp. Internet software and services 0.2% DeNa Company, 10,500 245,632 Ltd. Dropbox, Inc., Class 7,248 76,684 B (I)(R) Gree, Inc. 30,400 172,296 IT services 0.9% Alten SA 1,343 78,835 Amdocs, Ltd. Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA 1,081 51,360 Fujitsu, 107,000 393,473 Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25,800 148,612	technology		
instruments and components 0.4% Avnet, Inc. 6,764 \$274,010 Hosiden Corp. 26,200 162,890 Kingboard 248,000 152,927 Kingboard 248,000 152,927 Ltd. Mitsumi Electric 7,200 29,042 Company, Ltd. (I) Nichicon 24,600 159,848 Corp. Internet software and services 0.2% DeNa Company, 10,500 245,632 Ltd. Dropbox, Inc., Class 7,248 76,684 B (I)(R) Gree, Inc. 30,400 172,296 IT services 0.9% Alten SA 1,343 78,835 Amdocs, Ltd. Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA 1,081 51,360 Fujitsu, 107,000 393,473 Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25,800 148,612	(continued)		
instruments and components 0.4% Avnet, Inc. 6,764 \$274,010 Hosiden Corp. 26,200 162,890 Kingboard 248,000 152,927 Kingboard 248,000 152,927 Ltd. Mitsumi Electric 7,200 29,042 Company, Ltd. (I) Nichicon 24,600 159,848 Corp. Internet software and services 0.2% DeNa Company, 10,500 245,632 Ltd. Dropbox, Inc., Class 7,248 76,684 B (I)(R) Gree, Inc. 30,400 172,296 IT services 0.9% Alten SA 1,343 78,835 Amdocs, Ltd. Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA 1,081 51,360 Fujitsu, 107,000 393,473 Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25,800 148,612	Electronic e	quipment,	
Avnet, Inc. Hosiden Corp. Kingboard Laminates Holdings, Ltd. Mitsumi Electric Company, Ltd. (I) Nichicon Corp. Internet software and services 0.2% DeNa Company, Inc., Class I			
Avnet, Inc. Hosiden Corp. Kingboard Laminates Holdings, Ltd. Mitsumi Electric Company, Ltd. (I) Nichicon Corp. Internet software and services 0.2% DeNa Company, Inc., Class I	components	0.4%	
Inc. Hosiden Corp. Kingboard Laminates Holdings, Ltd. Mitsumi Electric Company, Ltd. (I) Nichicon Corp. Internet software and services 0.2% DeNa Company, 10,500 245,632 Ltd. Dropbox, Inc., Class 7,248 76,684 B (I)(R) Gree, Inc. 30,400 172,296 IT services 0.9% Alten SA 1,343 78,835 Amdocs, Ltd. Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA 1,081 51,360 Fujitsu, Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25 800 148 612	_		***
Hosiden Corp. Kingboard Laminates Holdings, Ltd. Mitsumi Electric Company, Ltd. (I) Nichicon Corp. Internet software and services 0.2% DeNa Company, 10,500 245,632 Ltd. Dropbox, Inc., Class 7,248 76,684 B (I)(R) Gree, Inc. 30,400 172,296 IT services 0.9% Alten SA 1,343 78,835 Amdocs, Ltd. Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA Fujitsu, Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25,800 148,612	•	6,764	\$274,010
Corp. Kingboard Laminates Holdings, Ltd. Mitsumi Electric Company, Ltd. (I) Nichicon Corp. Internet software and services 0.2% DeNa Company, 10,500 245,632 Ltd. Dropbox, Inc., Class 7,248 76,684 B (I)(R) Gree, Inc. 30,400 172,296 IT services 0.9% Alten SA 1,343 78,835 Amdocs, Ltd. Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA Fujitsu, Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25,800 148,612			
Kingboard Laminates Holdings, Ltd. Mitsumi Electric Company, Ltd. (I) Nichicon Corp. Internet software and services 0.2% DeNa Company, 10,500 245,632 Ltd. Dropbox, Inc., Class 7,248 76,684 B (I)(R) Gree, Inc. 30,400 172,296 IT services 0.9% Alten SA 1,343 78,835 Amdocs, Ltd. Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA Fujitsu, Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25,800 148,612		26,200	162,890
Laminates Holdings, Ltd. Mitsumi Electric Company, Ltd. (I) Nichicon Corp. Internet software and services 0.2% DeNa Company, 10,500 245,632 Ltd. Dropbox, Inc., Class 7,248 76,684 B (I)(R) Gree, Inc. 30,400 172,296 IT services 0.9% Alten SA 1,343 78,835 Amdocs, Ltd. Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA Fujitsu, Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25,800 148,612			
Holdings, Ltd. Mitsumi Electric Company, Ltd. (I) Nichicon Corp. Internet software and services 0.2% DeNa Company, 10,500 245,632 Ltd. Dropbox, Inc., Class 7,248 76,684 B (I)(R) Gree, Inc. 30,400 172,296 IT services 0.9% Alten SA 1,343 78,835 Amdocs, 5,811 335,411 Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA Fujitsu, 107,000 393,473 Ltd. Itochu Techno-Solu6,2600 133,568 Corp. NET One Systems 25,800 148,612	-		
Ltd. Mitsumi Electric Company, Ltd. (I) Nichicon Corp. Internet software and services 0.2% DeNa Company, 10,500 245,632 Ltd. Dropbox, Inc., Class 7,248 76,684 B (I)(R) Gree, Inc. 30,400 172,296 IT services 0.9% Alten SA 1,343 78,835 Amdocs, Ltd. Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA Fujitsu, Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25,800 148,612		248,000	152,927
Mitsumi Electric Company, Ltd. (I) Nichicon Corp. Internet software and services 0.2% DeNa Company, 10,500 245,632 Ltd. Dropbox, Inc., Class 7,248 76,684 B (I)(R) Gree, Inc. 30,400 172,296 IT services 0.9% Alten SA 1,343 78,835 Amdocs, Ltd. Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA Fujitsu, Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25,800 148,612	•		
Electric Company, Ltd. (I) Nichicon Corp. Internet software and services 0.2% DeNa Company, 10,500 245,632 Ltd. Dropbox, Inc., Class 7,248 76,684 B (I)(R) Gree, Inc. 30,400 172,296 IT services 0.9% Alten SA 1,343 78,835 Amdocs, Ltd. Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA Fujitsu, 107,000 393,473 Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25,800 148,612			
Company, Ltd. (I) Nichicon Corp. Internet software and services 0.2% DeNa Company, 10,500 245,632 Ltd. Dropbox, Inc., Class 7,248 76,684 B (I)(R) Gree, Inc. 30,400 172,296 IT services 0.9% Alten SA 1,343 78,835 Amdocs, Ltd. Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA Fujitsu, Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25,800 148,612			
Ltd. (I) Nichicon Corp. Internet software and services 0.2% DeNa Company, 10,500 245,632 Ltd. Dropbox, Inc., Class 7,248 76,684 B (I)(R) Gree, Inc. 30,400 172,296 IT services 0.9% Alten SA 1,343 78,835 Amdocs, Ltd. Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA Fujitsu, Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25,800 148,612		7,200	29,042
Nichicon Corp. Internet software and services 0.2% DeNa Company, 10,500 245,632 Ltd. Dropbox, Inc., Class 7,248 76,684 B (I)(R) Gree, Inc. 30,400 172,296 IT services 0.9% Alten SA 1,343 78,835 Amdocs, Ltd. Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA Fujitsu, Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25,800 148,612			
Corp.			
Internet software and services 0.2% DeNa Company, 10,500 245,632 Ltd. Dropbox, Inc., Class 7,248 76,684 B (I)(R) Gree, Inc. 30,400 172,296 IT services 0.9% Alten SA 1,343 78,835 Amdocs, 5,811 335,411 Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA Fujitsu, 107,000 393,473 Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25,800 148,612		24,600	159,848
Services 0.2% DeNa Company, 10,500 245,632 Ltd. Dropbox, Inc., Class 7,248 76,684 B (I)(R) Gree, Inc. 30,400 172,296 IT services 0.9% Alten SA 1,343 78,835 Amdocs, 5,811 335,411 Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA Fujitsu, 107,000 393,473 Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25,800 148,612	•		
DeNa Company, 10,500 245,632 Ltd. Dropbox, Inc., Class 7,248 76,684 B (I)(R) Gree, Inc. 30,400 172,296 IT services 0.9% Alten SA 1,343 78,835 Amdocs, Ltd. Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA Fujitsu, Ltd. 107,000 393,473 Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25,800 148,612			
Company, 10,500 245,632 Ltd. Dropbox, Inc., Class 7,248 76,684 B (I)(R) Gree, Inc. 30,400 172,296 IT services 0.9% Alten SA 1,343 78,835 Amdocs, Ltd. Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA Fujitsu, Ltd. 107,000 393,473 Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25,800 148,612		%	
Ltd. Dropbox, Inc., Class 7,248 76,684 B (I)(R) Gree, Inc. 30,400 172,296 IT services 0.9% Alten SA 1,343 78,835 Amdocs, Ltd. Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA Fujitsu, Ltd. 107,000 393,473 Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25,800 148,612		10.500	245.622
Dropbox, Inc., Class 7,248 76,684 B (I)(R) Gree, Inc. 30,400 172,296 IT services 0.9% Alten SA 1,343 78,835 Amdocs, Ltd. Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA Fujitsu, Ltd. 107,000 393,473 Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25,800 148,612		10,500	245,632
Inc., Class 7,248 76,684 B (I)(R) Gree, Inc. 30,400 172,296 IT services 0.9% Alten SA 1,343 78,835 Amdocs, 5,811 335,411 Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA 1,081 51,360 Fujitsu, 107,000 393,473 Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25,800 148,612			
B (I)(R) Gree, Inc. 30,400 172,296 IT services 0.9% Alten SA 1,343 78,835 Amdocs, Ltd. 335,411 Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA Fujitsu, Ltd. 107,000 393,473 Ltd. Itochu Techno-Solu6,200 133,568 Corp. NET One Systems 25,800 148,612	_		
Gree, Inc. 30,400 172,296 IT services 0.9% Alten SA 1,343 78,835 Amdocs, 5,811 335,411 Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA 1,081 51,360 Fujitsu, 107,000 393,473 Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25,800 148,612	•	7,248	76,684
IT services 0.9% Alten SA 1,343 78,835 Amdocs, Ltd. 5,811 335,411 Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA 1,081 51,360 Fujitsu, Ltd. 107,000 393,473 Ltd. Itochu Techno-Solu6,200 133,568 Corp. NET One Systems 25,800 148,612			
Alten SA 1,343 78,835 Amdocs, Ltd. 5,811 335,411 Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA 1,081 51,360 Fujitsu, 107,000 393,473 Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25,800 148,612			172,296
Amdocs, Ltd. Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA Fujitsu, Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25,800 148,612			
Ltd. Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA Fujitsu, Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25,800 148,612		1,343	78,835
Ltd. Booz Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA 1,081 51,360 Fujitsu, 107,000 393,473 Ltd. Itochu Techno-Solu6,200 133,568 Corp. NET One Systems 25,800 148,612	Amdocs,	5 811	335 411
Allen Hamilton 13,579 402,482 Holding Corp. Devoteam SA 1,081 51,360 Fujitsu, 107,000 393,473 Ltd. Itochu Techno-Solu6,200 133,568 Corp. NET One Systems 25,800 148,612	Ltd.	3,011	333,711
Hamilton 13,579 402,482 Holding Corp. Devoteam SA 1,081 51,360 Fujitsu, 107,000 393,473 Ltd. Itochu Techno-Solu6,2000 133,568 Corp. NET One Systems 25,800 148,612	Booz		
Holding Corp. Devoteam SA Fujitsu, Ltd. Itochu Techno-Solu6,2000 NET One Systems 1,081 51,360 51,360 107,000 393,473 133,568 133,568	Allen		
Corp. Devoteam SA 1,081 51,360 Fujitsu, 107,000 393,473 Ltd. 107,000 133,568 Corp. NET One Systems 25,800 148,612	Hamilton	13,579	402,482
Devoteam SA 1,081 51,360 Fujitsu, 107,000 393,473 Ltd. 107,000 133,568 Corp. NET One Systems 25,800 148,612	Holding		
SA 1,081 51,360 Fujitsu, 107,000 393,473 Ltd. 1tochu Techno-Solu 6,200 133,568 Corp. NET One Systems 25,800 148,612	Corp.		
Fujitsu, 107,000 393,473 Ltd. 107,000 133,568 Corp. NET One Systems 25,800 148,612	Devoteam	1 001	51 260
Ltd. 107,000 393,473 Itochu Techno-Solu 6,200 133,568 Corp. NET One Systems 25,800 148,612	SA	1,081	31,300
Ltd. 107,000 393,473 Itochu Techno-Solu 6,200 133,568 Corp. NET One Systems 25,800 148,612	Fujitsu,	107.000	202 472
Techno-Solu 6,200 133,568 Corp. NET One Systems 25,800 148,612		107,000	393,473
Corp. NET One Systems 25 800 148 612	Itochu		
Corp. NET One Systems 25 800 148 612	Techno-Solu	u 6,210 0	133,568
NET One Systems 25 800 148 612			
Systems 25 800 148 612			
23 AUU 14A DI /		25.000	140.613
Company,	Company,	25,800	148,612
Ltd.			

	Eaga	ar Filing: Jo		
Sopra				
Steria	1,712	176,461		
Group	1,712	170,101		
Semiconduc	etors and			
semiconduc		nent 4.4%		
	95,243	3,123,970		
Kontron	75,245	3,123,770		
AG (I)	14,745	45,838		
Lam				
Research	4 272	250 104		
	4,272	359,104		
Corp.				
Maxim				
Integrated	54,984	1,962,379		
Products,	•			
Inc. (C)				
Mimasu				
Semiconduc				
Industry	7,500	70,452		
Company,				
Ltd.				
Miraial				
Company,	6,500	45,418		
Ltd.				
QUALCOM	M_{200}	2 020 106		
Inc.	31,090	2,030,196		
Rohm				
Company,	5,900	232,873		
Ltd.				
Shinkawa,	14.000	((712		
Ltd. (I)	14,900	66,713		
Shinko				
Electric				
Industries	31,500	154,289		
Company,	,	1,		
Ltd.				
Skyworks				
Solutions,	3,181	201,294		
Inc.	3,101	201,254		
	etronice			
STMicroele NV	43,177	253,562		
Tokyo Seimitsu				
	10,100	235,200		
Company,				
Ltd.	C 04			
Software 2.0	5%			
Alpha	4 = 00	3 166		
Systems,	1,700	27,166		
Inc.				
Microsoft	85,210	4,360,196		
Corp.				
	1,600	229,919		

Nintendo

Company,

Ltd.

SS&C

Technologies 23,285 653,843

Holdings,

Inc.

Technology hardware, storage

and peripherals 1.0%

Canon,

11,500 328,327

Inc.

Catcher

Technology 138,000 1,028,953

Company,

Ltd.

Compal

Electronics, 368,000 232,799

Inc.

Japan

Digital

Laboratory 6,200 84,310

Company,

Ltd.

SEE NOTES TO FINANCIAL STATEMENTS

	Shares	Value
Information		
technology		
(continued)		
Technology	hardware,	storage and
peripherals		•
Melco	(
Holdings,	6,200	\$127,068
Inc.	0,200	Ψ127,000
Western		
Digital	4,194	198,208
Corp.	7,127	170,200
Materials 4.	0%	9,850,723
Chemicals 1		9,030,723
	1.170	
Agrium,		
Inc.	2.726	047.541
(Toronto	2,736	247,541
Stock		
Exchange)		
Agrium,	12,430	1,123,921
Inc.	12,	1,120,>21
Fujimi,	4,300	63,159
Inc.	1,500	05,157
Hitachi		
Chemical	8,000	149,411
Company,	0,000	142,411
Ltd.		
JSR Corp.	21,900	290,024
Methanex	5 560	162.059
Corp.	5,569	162,058
Mitsui		
Chemicals,	30,000	110,243
Inc.		
Nitto		
Denko	2,500	158,585
Corp.	,	,
Sumitomo		
Bakelite		
Company,	32,000	148,421
Ltd.		
The Dow		
Chemical	18,700	929,577
Company	10,700	727,311
Construction	n motoriole	0.40%
Buzzi	II IIIateriais	0.470
	12 494	210 770
Unicem	12,484	218,770
SpA		
LafargeHole	8,712	364,489
Liu. (1)		
Vicat SA	2,631	148,164

	Lugai	i iliiig. ooi	
Containers and packaging 1.4% AMVIG			
Holdings,	222,000	87,537	
Ltd.			
Graphic			
Packaging	17,345	217,506	
Holding	17,343	217,300	
Company			
Internationa	1		
Paper	56,967	2,414,261	
Company			
Packaging			
Corp. of	2,955	197,778	
America	•	,	
Metals and	mining 1.4%	,	
Aichi			
Steel	11,000	48,824	
Corp.	11,000	.0,02.	
Anglo			
American	6.611	165,277	
Platinum, L	•	103,277	
Anglo	id. (1)		
American	22,205	217,659	
PLC	22,203	217,037	
Barrick			
Gold	11,000	234,823	
Corp.	11,000	234,023	
Centerra			
Gold, Inc.	29,200	174,032	
Chubu			
Steel Plate			
Company,	8,500	41,044	
Ltd.			
Eldorado Gold	17 751	214 902	
	47,754	214,893	
Corp. G-Resource			
	4,086,000	79 200	
Group, Ltd.	4,000,000	78,290	
Impala Platinum			
	47,583	153,309	
Holdings,			
Ltd. (I) Ivanhoe			
Mines,	105,500	82,476	
Ltd., Class			
A (I)			
Kinross	27.107	101.040	
Gold	37,186	181,840	
Corp. (I)	10.000	165 000	
	10,900	165,822	

Kyoei			
Steel, Ltd.			
Lonmin	15,069	38,669	
PLC (I)	10,000		
NetMind			
Financial	1,440,000	15,591	
Holdings,	, ,	,	
Ltd. (I)			
Neturen	11 400	20.246	
Company, Ltd.	11,400	80,246	
Northern			
Dynasty			
Minerals,	16,000	4,954	
Ltd. (I)			
Pacific Pacific			
Metals			
Company,	40,000	109,069	
Ltd. (I)			
Resolute			
Mining,	164,524	158,635	
Ltd. (I)			
SEE NOTES	TO FINAN	NCIAL STATEMENTS	
SEMIANNU	JAL REPOR	RT JOHN HANCOCK HEDGED EQUITY & INCOME FUND	15

	Shares	Value
Materials		
(continued)		
Metals and	mining (c	ontinued)
Salzgitter		
AG	5,766	\$152,454
Tokyo		
Steel		
Manufactur	in 2⊈ ,800	135,940
Company,		
Ltd.		
Western		
Areas,	61,179	99,911
Ltd.		
Yamato		
Kogyo	7.400	167.060
Company,	7,400	167,969
Ltd.		
Yodogawa		
Steel	4.000	07.551
Works,	4,000	97,551
Ltd.		
Telecommu	nication	10 601 440
services 5.3	%	10,601,440
Diversified	telecomm	unication
services 3.4	%	
Hellenic		
Telecommu	nications	214 657
Organizatio	23,494 n	214,657
SA		
KT Corp.	12,495	322,709
Magyar		
Telekom	115 700	101 (10
Telecommu	nications	181,619
PLC		
Nippon		
Telegraph		
&	55,812	2,617,297
Telephone		
Corp.		
Telefonica	25 512	242 206
SA	25,512	242,206
Telenor	72,482	1 100 705
	12.482	1,199,795
ASA	,	
ASA Verizon	,	
		2,002,590
Verizon		2,002,590
Verizon Communica	ut 35n,8 63	

25,943 1,591,326

Millicom			
Internationa	l		
Cellular			
SA			
NTT			
DOCOMO,	76,496	2,062,985	
Inc.			
Orange			
Belgium	7,192	166,256	
SA (I)			
Utilities 5.69	%	11,297,493	
Electric utili	ties 2.3%		
Edison	15.070	1 240 545	
Edison Internationa	l ^{15,9} /2	1,240,545	
NextEra			
Energy,	11,150	1,453,960	
Inc.	,	-,,	
PG&E			
Corp.	7,718	493,335	
Power			
Assets			
Holdings,	162,713	1,496,068	
Ltd.			
Gas utilities	O 70%		
Gas utilities Gas	0.770		
	65 105	1 205 021	
	65,195	1,295,921	
SDG SA	4 150	107 700	
UGI Corp.			
Independent	_	a	
renewable e	-		
producers 0.	1%		
NTPC,	78,616	181,698	
Ltd.		,	
Multi-utilitie	es 2.5%		
Centrica	379 242	1,146,824	
PLC	577,212	1,1 10,02 1	
Dominion			
Resources,	21,005	1,636,920	
Inc.			
E.ON SE	80,926	816,933	
Engie SA	17,965	288,458	
National	60,769	893,628	
Grid PLC	00,709	093,020	
RWE	10 297	165,415	
AG (I)	10,387	103,413	
Preferred se	curities	¢200 077	
0.1% \$298,877			
(Cost \$190,884)			
Telecommunication			
services 0.0	134,234		
	9,800	134,234	
	,	,	

Telefonica
Brasil SA
SEE NOTES TO FINANCIAL STATEMENTS
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Utilities 0.1%		Sl	nares	Value \$164,643
Cia Paranaense	de Energia, B	18	3,100	164,643
Shares Rate (%)	Maturity date	Par	value^	Value
Corporate bond				\$30,242,550
(Cost \$31,310,	•			
Consumer discr	•			5,861,801
Auto componer ZF	nts 0.1%			
North				
Amer 4 c 5 00	04-29-22		150 000	152,063
Capital,	012722		130,000	132,003
Inc. (S)				
Automobiles 0.	.0%			
General				
Motoss250	10-02-43		65,000	72,248
Company				
Distributors 0.0)%			
HD				
Supply750	04-15-24		30,000	31,200
Inc. (S)				
	sumer services	0.0%		
APX	12 01 22		100 000	100.750
1 '	12-01-22		100,000	100,750
Inc. (S)	ants and leisure	O 10%		
Boyd	and leisure	0.470		
Gaming 75	04-01-26		85,000	88,825
Corp. (S)	04 01 20		03,000	00,023
CEC				
Enter8a0000ent,	02-15-22		190,000	184,538
Inc.			,	,
Cirsa				
Funding	05-15-23		EUR 215,000	230 712
Luxembourg	03-13-23		EUK213,000	239,712
SA (S)				
GLP				
Capit 4 .1375	04-15-21		5,000	5,150
LP				
GLP	04 15 26		105 000	100 675
Capit 5 1375 LP	04-15-26		105,000	108,675
NH				
Hotel				
Group 6.875	11-15-19		EUR 130,000	156,062
SA (S)				
Pinnacle				
Enterstato25nent,	05-01-24		45,000	44,888
Inc. (S)				

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Household dura	ables 0.3%			
KB 7.000	10 15 01		275 000	276 975
Home 1.000	12-15-21		375,000	370,873
M/I				
Hom 6 s750	01-15-21		195,000	194,025
Inc.				
Internet and cat	alog retail 0.2%			
Liberty	-			
Interaction	02-01-30		250,000	259,375
LLC				
Netflix Inc. 5.875	00 15 05		05 000	00 (21
Inc. 3.8/3	02-15-25		95,000	99,631
Media 1.4%				
Altice				
Finan c.50 0	01-15-22	EUR	100,000	116,318
SA(S)				
CCO				
Holdfng25	02-15-23		5,000	5,063
LLC				
CCO				
Holdfng\$0	09-30-22		5,000	5,131
LLC				
CCO				
Holdfngs0	09-01-23		35,000	36,050
LLC				
CCO				
Holdfngs0	02-15-26		120,000	123,600
LLC (S)				
CCO				
Holding 75	04-01-24		20,000	20,850
LLC (S)				
Cequel				
Communication	ns			
Holding 25	12-15-21		360,000	342,138
I				
LLC (S)				
Charter				
Communication 4.908	ns 107-23-25		95,000	103,540
Operating	07-23-23		75,000	103,340
LLC (S)				
DISH				
DBS 6.750	06-01-21		170,000	176,163
Corp.				
DISH				
DBS 7.875	09-01-19		320,000	352,800
Corp.				
Gray				
Televis876,	07-15-26		15,000	15,113
Inc. (S)				
Gray 7.500	10-01-20		75,000	78,188
Television,				

Inc.

Lamar

Medi**5**.750 02-01-26 15,000 15,609

Corp. (S)

Neptune

Fincol 0.875 10-15-25 200,000 229,000

Corp. (S)

SEE NOTES TO FINANCIAL STATEMENTS

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Rate (%)	Maturity date Par	r valu	ıe^	Value
Consumer discretionary (continued)				
Media (continu	ued)			
Sinclair				
Television	03-15-26		75,000	\$76,500
Group, 673	03-13-20		73,000	Ψ70,500
Inc. (S)				
TEGNA 4.875	09-15-21		115,000	117 075
Inc. $(S)^{3/3}$	09-13-21		113,000	117,875
TEGNA 5.125	10-15-19		210 000	210 012
Inc. 3.123	10-13-19		310,000	318,913
TEGNA	00 15 24		20,000	20.600
Inc. $(S)^{300}$	09-15-24		20,000	20,600
TEGNA 6.375	10 15 22		55,000	50 420
Inc. 6.3/5	10-15-23		55,000	58,438
Tribune				
Medi 5 .875	07-15-22		295,000	293,525
Company				
Unitymedia				
Hessen				
GmbH 5.500				
& 5.500	09-15-22	EUR	210,600	245,972
Company				
KG				
Specialty retail	0.5%			
Chinos	0.5 70			
Intermediate				
Holdings A, 7.750	05-01-19		135,525	46,079
Inc.,				
PIK (S)				
Dufry				
Finant 500	08-01-23	ELID	205,000	235 427
SCA (S)	08-01-23	LUN	203,000	233,421
L				
Bran 6 s875	11-01-35		145,000	146,813
Inc.	11-01-33		143,000	140,613
Michaels				
	10 15 00		105 000	202 044
Store§,875	12-15-20		195,000	203,044
Inc. (S)				
New				
Look	07 01 22	CDF	100 000	220 125
Secure 000	07-01-22	GRE	180,000	220,133
Issuer				
PLC (S)				
Party				
City 6.125	08-15-23		140,000	144,900
Troidings,				
Inc. (S)	lac 0 40 ⁷			607.252
Consumer stap	ies 0.4%			697,353

•	es retailing 0.1%		
Aramark	02.15.20	64.000	65.000
Servi 5 ek\$0	03-15-20	64,000	65,920
Inc.) 2 <i>0</i> /		
Food products (Aramark	J.2%		
Servisek25	01-15-24	25,000	25,500
Inc.	01-13-24	25,000	25,500
Pinnacle			
Foods 5.875 Finance	01-15-24	35,000	36,619
LLC (S)			
Post			
Hold íng0 ,0	12-15-22	40,000	41,000
Inc. (S)	12-13-22	40,000	41,000
Post			
Holding 7,5	02-15-22	80,000	84,100
Inc.	02 13 22	00,000	01,100
TreeHouse			
Food 4. 875	03-15-22	190,000	193,800
Inc.	00 10 22	1,0,000	1,00,000
TreeHouse			
Food 6, 000	02-15-24	70,000	74,676
Inc. (S)		,	, , , , , ,
Household prod	ducts 0.1%		
The			
Sun 7.750	02.15.21	170 000	177.720
7.750 Products	03-15-21	170,000	175,738
Corp. (S)			
Energy 2.2%			4,401,170
	nsumable fuels 2.2%		
Anadarko			
Petrolle500	07-15-44	100,000	91,903
Corp.			
Anadarko			
Petrolle8fi0	03-15-21	15,000	15,911
Corp.			
Anadarko			
Petrofenno	03-15-26	10,000	11,048
Corp.			
Anadarko			
Petro 6e600	03-15-46	15,000	18,124
Corp.			
Antero			
Reso t r62\$	06-01-23	25,000	24,250
Corp.			
Antero			
Reso 6 r000	12-01-20	185,000	187,005
Corp.			
Blue 6.125	11-15-22	190,000	180,025
Racer			

Midstream			
LLC (S)			
Bonanza			
Creek 6.750	04-15-21	100,000	40,550
Energy,	04-13-21	100,000	40,550
Inc.			
Borets			
Finan c.6 ,25	09-26-18	200,000	186,087
Ltd.			
California			
Resorroos	12-15-22	325,000	230,750
Corp. (S)			
Concho			
Resourted,	10-01-22	70,000	70,350
Inc.			
Continental			
Resourses	06-01-24	40,000	34,900
Inc.			
Continental			
Resourges,	06-01-44	115,000	94,875
Inc.			

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Rate (%)	Maturity date Par	value^	Value
Energy (contin	ued)		
Oil, gas and con	nsumable fuels (cont	tinued)	
Continental			
Resofr000	09-15-22	65,000	\$63,351
Inc.			
Denbury			
Reso@r@@Q	05-15-21	170,000	170,000
Inc. (S)			
Diamondback			
Energy625	10-01-21	120,000	126,750
Inc.			
Energen 4.625	09-01-21	105,000	98,700
Corp.	0, 01 21	102,000	,,,,,,
Energy			
Transfer 5.500	06-01-27	350,000	329 000
Equity	00 01 27	220,000	327,000
LP			
Gazprom			
Neft 4.375	09-19-22	200,000	197,394
OAO (S)			
Gazprom 4.950	07-19-22	200,000	207,380
UAU	0, 1, 22	200,000	207,500
Laredo			
Petro 5e625 ,	01-15-22	55,000	51,425
Inc.			
Laredo			
Petrofe2fiQ	03-15-23	85,000	80,750
Inc.			
Laredo	0.7.04.00	4.5.000	
Petrolendo,	05-01-22	45,000	45,113
Inc.			
Matador	04.15.00	00.000	01.600
Reso 6 r 8 ₹ 5	04-15-23	80,000	81,600
Company			
MEG	01 20 02	20.000	14.000
Energy375	01-30-23	20,000	14,800
Corp. (S)			
MEG	02 21 24	1.40.000	107.000
Energy000	03-31-24	140,000	107,800
Corp. (S)			
Petrobras			
Global 4.375	05-20-23	495,000	402,039
Finance '			
BV			
Petrobras			
Global	05-20-43	205,000	146,124
rmance			
BV 6,000	11 15 26	220 000	115 071
6.000	11-15-26	330,000	115,071

Petroleos de			
Venezuela SA QEP			
Resources (Inc.	05-01-23	130,000	119,600
QEP Resourges, Inc.	10-01-22	15,000	13,988
QEP Reso ó r 80 0 Inc.	03-01-20	25,000	25,188
Rice Ener (sy250 Inc.	05-01-22	40,000	39,700
Rice Energy250 Inc.	05-01-23	40,000	40,600
RSP Permta625 Inc.	10-01-22	10,000	10,300
SM Ener <i>§</i> y000	01-15-24	135,000	115,425
Company SM Ener 6y125	11-15-22	5,000	4,594
Company SM Ener 6 y500	11-15-21	10,000	9,425
Company Targa Resources Partners	02.15.24	50,000	51.250
Partners LP (S) Tullow	03-15-24	50,000	51,250
Oil 6.250 PLC (S)	04-15-22	350,000	280,000
WPX Energy250 Inc.	09-15-24	135,000	118,800
WPX Ener (sy),000 Inc.	01-15-22	85,000	79,050
WPX Ener&y250 Inc.	08-01-23	70,000	70,175
Financials 1.66 Banks 0.9%	%		3,165,609
Banc@.000 Bilbao	02-19-19	EUR 200,000	191,018

```
Vizcaya
Argentaria
SA
(7.000%
to
2-19-19,
then
5
Year
Euro
Swap
Rate
+
6.155%) (Q)
Banco
Santander
SA
(6.250%
to
3-12-19,
then 6.250
              03-12-19
                               EUR 100,000 93,752
Year
Euro
Swap
Rate
5.410%) (Q)
Bank
of
Ireland
(7.375%
to
6-18-20,
then 7.375
              06-18-20
                               EUR 200,000 205,304
Year
Euro
Swap
Rate
6.956%) (Q)
Barcl&.250
              12-15-18
                                    200,000 195,492
PLC
(8.250%
to
12-15-18,
then
5
Year
```

U.S.

```
Swap
Rate
+
6.705%) (Q)
Credit
Agricole
SA
(8.125%
to
12-23-25,
then 8.125
             12-23-25
                                250,000 248,291
Year
U.S.
Swap
Rate
6.185%) (Q)(S)
SEE NOTES TO FINANCIAL STATEMENTS
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                                                                          19
```

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Rate (%) Maturity date Par value^
                                             Value
Financials (continued)
Banks (continued)
Intesa
Sanpaolo
SpA
(7.700%
to
9-17-25,
then 7.700
             09-17-25
                                    200,000 $172,500
Year
U.S.
Swap
Rate
5.462%) (Q)(S)
Intesa
Sanpaolo
SpA
(8.375%
to
10-14-19
              10-14-19
                               EUR 50,000 62,752
then
3
month
EURIBOR
6.871%) (Q)
Royal
Bank
of
Scotland
Group
PLC
(7.640%
to 7.640
             09-30-17
                                    100,000 95,000
9-30-17,
then
3
month
LIBOR
2.320%) (Q)
Sberbank
              10-29-22
                                    200,000 202,988
of 5.125
Russia (S)
VTB
             05-29-18
                                    200,000 213,988
Bank6.875
OJSC (S)
```

	-			
Consumer finan	nce 0.1%			
OneMain				
Financial 6.750	12-15-19		30,000	29,250
Financial 6.750 Holdings,	12 13 17		30,000	27,230
Inc. (S)				
Springleaf				
Finanta 250	12-15-19		50,000	46,563
Corp.				
Springleaf				
Finance 50	10-01-21		55,000	52,938
Corp.			,	,
Springleaf				
Finance 250	12-15-20		125 000	125,313
Corp.	12-13-20		123,000	123,313
_	ancial services 0.3%			
Credit	anciai services 0.5%			
Suisse				
Group				
AG				
(6.250%				
to				
12-18-24,				
	12-18-24		200,000	187,707
5				
Year				
U.S.				
Swap				
Rate				
+				
3.455%) (Q)				
MSCL 5.250	11 15 04		1.50,000	152 275
Inc. (S) 250	11-15-24		150,000	153,375
Nationstar				
Mortgaze0	08-01-18		235,000	227,363
LLC	00 01 10		200,000	
Insurance 0.1%				
CNO				
Financial 4.500				
4.500 Group,	05-30-20		30,000	31,050
Inc.				
CNO				
Financial				
Group,	05-30-25		75,000	77,250
-				
Inc.	06 20 10	CDL	120 000	140 226
Nation & 75e	06-20-19	UBF	120,000	149,326
Building				
Society				
(6.875%				
to				
6-20-19,				
then				

```
5
Year
GBP
Swap
Rate
+
4.880%) (O)
Real estate investment trusts 0.1%
Equinix 5.875
                01-15-26
                                       75,000
                                                 78,188
Inc.
FelCor
Lodg6nQ00
                                       120,000 120,900
                06-01-25
LP
Thrifts and mortgage finance 0.1%
Nationstar
Mort 6 a 5 @ 0
               07-01-21
                                       40,000
                                                 34,200
LLC
Radian
Group,000
                03-15-21
                                       160,000 171,101
Inc.
Health care 2.5%
                                                 4,934,483
Health care equipment and supplies 0.3%
Alere
                07-01-23
                                       150,000 156,375
Inc. (S)
Alere
6.500
                06-15-20
                                       256,000 254,720
Inc.
Alere<sub>7.250</sub>
                07-01-18
                                       60,000
                                                61,575
Inc.
Health care providers and services 1.4%
Amsurg
Corp. 5.625
                07-15-22
                                       275,000 282,563
Community
Health
6.875
Systems,
                02-01-22
                                       345,000 301,875
Inc.
Community
Health 7.125
                07-15-20
                                       250,000 231,773
Systems,
Inc.
Envision
Healthdalf
                07-01-22
                                       85,000
                                                 86,258
Corp. (S)
HCA
Holdfn25.0
                02-15-21
                                       240,000 257,400
Inc.
HCA<sub>5.250</sub>
                06-15-26
                                       40,000
                                                 41,500
HCA<sub>6.500</sub>
                02-15-20
                                       360,000 399,150
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                                                                                          20
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	Maturity date Pa	ar value^	Value
Health care (co			
	oviders and services	s (continued)	
HCA _{7.500}	11-15-95	125,000	\$121,250
Inc.			
inVentiv Healt 1000	01-15-18	50,000	51,375
Inc. (S)	01-13-16	50,000	31,373
LifePoint			
Health,875	12-01-23	170,000	176,800
Inc.	12 01 23	170,000	170,000
MEDNAX,			
Inc. (S)	12-01-23	90,000	91,125
MPH			
Acquisition	06.04.04	25.000	26.770
Holdings Holdings	06-01-24	35,000	36,750
LLC (S)			
Tenet			
Health 2000	03-01-19	195,000	188,663
Corp.			
Tenet			
Health.7410	06-15-23	50,000	47,875
Corp.			
Tenet			
Healt&dals	04-01-22	275,000	281,820
Corp.			
Vizient 10.375	03-01-24	80,000	85,800
inc. (5)			,
WellCare			
Health 5.750 Plans.	11-15-20	135,000	139,388
Plans, Inc.			
Health care tec	hnology 0 20%		
Change	illiology 0.5%		
Healthcare			
Holdings,	02-15-21	110,000	116,600
Inc. (S)			
IMS			
Health,125	04-01-23	EUR 235,000	265,742
Inc. (S)		,	,
Sterigenics-No.	rdion		
Holding@0	05-15-23	250,000	253,125
LLC (S)			
Pharmaceutical	ls 0.5%		
Endo			
Finance000	07-15-23	265,000	233,200
LLC (S)			
PRA			
Hold Page 0,0	10-01-23	150,000	166,500
Inc. (S)			

	J	3	J 1
Quintiles Transh8f16nal Corp. (S)	05-15-23	195,000	197,925
Valeant Pharmaceutical 4.500 International, Inc.	ls ₀₅₋₁₅₋₂₃	EUR 130,000	108,836
Valeant Pharmaceutical 5.500 International, Inc. (S)	ls ₀₃₋₀₁₋₂₃	30,000	24,094
Valeant Pharmaceutical International, Inc. (S)	ls ₀₅₋₁₅₋₂₃	315,000	254,363
Valeant Pharmaceutical 6.125 International,	ls ₀₄₋₁₅₋₂₅	25,000	20,063
Inc. (S) Industrials 1.29 Aerospace and AerCap		3%	2,421,389
Ireland 4500 Capital, Ltd.	05-15-21	150,000	153,488
Bombardier, Inc. (S)	01-15-23	220,000	188,100
MFG3,625 Ltd. (S)	04-15-23	EUR 180,000	186,014
Building produ Builders		4.57.000	
First Societe, Inc. (S) Kerneos	06-01-21	165,000	172,425
Corporated SAS (S) Ply	03-01-21	EUR 145,000	165,701
Gem 6.500 Industries, Inc.	02-01-22	180,000	177,300
Commercial se Clean	rvices and	supplies 0.1%	
Harbors 25	06-01-21	75,000	76,734
Quad/Graphics Inc.		190,000	167,675
Electrical equip Sensata Techfidl@jies BV (S)		100,000	100,439

Sensata

Tech**6c62**gies 11-01-24 70,000 72,668

BV(S)

Industrial conglomerates 0.1%

Nemak

SAB de 5.500 02-28-23 200,000 207,500

CV

Machinery 0.1%

CNH

Industrial 15,000 15,150 Capital 11-06-20

LLC

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Rate (%) Industrials (co	Maturity date	Par value^	Value
·	·		
Machinery (co	munuea)		
Crown			
European Holdings	05-15-25	EUR 170	0,000 \$187,523
SA(S)			
Trading compa	anies and distrib	utors 0.3%	
Aircastle Ltd. 5.000	04-01-23	30,	000 30,486
American			
Builders			
&			
Contractions	12-15-23	55.	000 56,925
Supply		,	2 2 7,5 = 2
Company,			
Inc. (S)			
International			
Lease 6.250 Finance	05-15-19	430	0,000 463,261
Corp.			
Information tec			2,683,489
	ns equipment 0.	1%	
Alcatel-Lucent			
USA6.450	03-15-29	271	1,000 282,518
Inc.			
Electronic equi	ipment, instrume	ents and comp	onents 0.2%
CDW _{5.000}	09-01-23	35	000 35,245
LLC 3.000	07-01-23	33,	000 33,243
CDW _{5.500}	12-01-24	104	5,000 108,413
	12-01-24	10.	7,000 100,413
CDW LLC 6.000	08-15-22	200	0,000 303,050
LLC 0.000	06-13-22	290	7,000 303,030
Internet softwa	are and services	0.2%	
Zayo			
Group.000	04-01-23	190	0,000 193,800
LLC			
Zayo			
Grou 6 .375	05-15-25	110	0,000 112,200
LLC			
IT services 0.2	%		
First			
Data 5.375	08-15-23	280	0,000 284,343
Corp. (S)			•
First			
Data 7.000	12-01-23	160	0,000 162,400
Corp. (S)			, , , , , , , , , , , , , , , , , , , ,
-	rs and semicond	actor equipme	ent 0.3%
Entegris 5,000			
Inc. (S)	04-01-22	210	0,000 214,988
()			

Freescale Semi60000ctor Inc. (S) Software 0.3%	, 01-15-22	305,000	321,623
Change Healthcare Holdings, Inc.	12-31-19	180,000	191,475
First Data 5.750 Corp. (S) Infor	01-15-24	190,000	188,338
Software Parent.125 LLC, PIK (S)	05-01-21	105,000	93,450
Infor US, 5.750 Inc. (S) Infor	08-15-20	25,000	26,219
US, 5.750	05-15-22	EUR 100,000	92,770
Inc. Infor US, 6.500 Inc.	05-15-22	50,000	47,219
SS&C Technologies Holdings, Inc.	07-15-23	25,000	25,438
Materials 1.7%			3,513,807
Building mater Standard	ials 0.2%		
Industries Inc. (S)	11-15-24	365,000	371,388
Chemicals 0.09	%		
The Chentoti25 Company	05-15-23	80,000	68,000
Chen70000	05-15-25	10,000	8,388
Company Construction m	naterials 0.3%		
Cemex SAB 5.875 de CV	03-25-19	550,000	566,500
	packaging 0.5%		
Ardagh Packaging 6,000 Finance PLC (S)	06-30-21	200,000	198,500

SEE NOTES TO FINANCIAL STATEMENTS SEMIANNUAL REPORT | JOHN HANCOCK HEDGED EQUITY & INCOME FUND 22

Rate (%)	Maturity date	Par value^	Value
Materials (con	tinued)		
Containers and	packaging (co	ntinued)	
Ardagh			
Packaging 6.750 Finance	05-15-24	EUR 250,	,000 \$282,275
PLC (S)			
Berry			
Plastics000	10-15-22	180,	,000 186,075
Corp.			
Beverage			
Packaging			
Holdings 6.000 Luxembourg	06-15-17	15,0	000 15,038
II			
SA (S)			
Owens-Brockw	ay		
Glass Container,	08-15-23	165,	,000 173,319
Inc. (S)			
Owens-Brockw	ay		
Glass 6.375 Container,	08-15-25	215,	,000 224,675
Inc. (S)			
Metals and min	ing 0.6%		
AK			
Steel7.625	05-15-20	55,0	000 52,319
Corp.			
AK			
Steel7.625	10-01-21	80,0	000 73,400
Corp.			
AK			
Steel8.375	04-01-22	80,0	73,600
Corp.			
Anglo			
American	04-08-19	100.	,000 114,375
Capital 773		•	•
PLC (S)	02 01 21	00.0	00 00 475
Arcelon a Violettal	03-01-21	90,0	· ·
Arcello 2000ttal	02-25-22	65,0	000 68,413
Kaiser	05 15 24	05.0	00 07 612
Aluminant	05-15-24	95,0	97,613
Corp. (S)			
Signode Industrial			
Group.375	05-01-22	40,0	000 38 250
Lux	03-01-22	40,0	000 38,250
SA (S)			
Steel 5.125	10-01-21	85,0	000 86,806
Dynamics,	10 01-21	65,0	00,000
<i>- j</i> 110111105,			

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Inc.						
Steel						
Dyna 5n560 0	10-01-24	70,000	71,575			
Inc.						
Teck						
Reso 8r000	06-01-21	35,000	36,050			
Ltd. (S)						
Teck						
Reso 8r50 0,	06-01-24	55,000	57,063			
Ltd. (S)						
United						
States Steel 6.875	04-01-21	29,000	25,158			
Steel	0.0121	_>,000	20,100			
Corp.						
United						
States Steel 7.375	04-01-20	68,000	63,985			
Sicci		,	,			
Corp.						
United						
States Steel 7.500	03-15-22	20,000	17,494			
Sicci						
Corp. United						
States Steel 8.375	07-01-21	160,000	168,600			
Corp. (S)						
_	st products 0.1%					
Reynolds	r products 0.170					
Group.000						
7.000 Issuer,	07-15-24	105,000	108,098			
Inc. (S)						
Tembec						
Indus@r0000	12-15-19	225,000	174,375			
Inc. (S)						
Telecommunica	ation services 1.1%		2,269,761			
Communication	ns equipment 0.0%					
Alcatel-Lucent						
USA6.500	01-15-28	45,000	46,238			
Inc.						
Diversified telecommunication services 0.6%						
Altice						
Finan cing 0	05-15-26	210,000	206,325			
SA(S)						
Cablevision						
System 500	06-15-21	151,000	154,020			
Corp. (S)						
Frontier 65 100 15 22 65 200 66 770						
Communication	18/9-13-22	65,000	68,778			
Corp.	00 15 25	165 000	171 204			
Frontldr.000	09-15-25	165,000	171,394			
Communication	ns					

Corp. Level 3 5.125 Financing, Inc.	05-01-23	15,000	14,869	
Level 3 5.250 Financing,	03-15-26	30,000	29,400	
Inc. (S) Level 3 5.375 Financing, Inc.	08-15-22	205,000	207,050	
Level 3 5.375 Financing, Inc.	01-15-24	15,000	15,094	
Wind Acquisition Finance SA (S)	07-15-20	EUR 310,000	338,506	
* *	ommunication se	rvices 0.5%		
Matterhorn Telecan 875 SA(S) Sprint	05-01-22	EUR 116,000	123,452	
Com £\000 catic	ond,1-15-18	100,000	106,500	
SEE NOTES T	O FINANCIAL S L REPORT J		HEDGED EQUITY & INCOME FUND	23

Rate (%)	Maturity date Par	value^	Value
Telecommunic	ation services (contin	nued)	
Wireless teleco	mmunication service	s (continu	ied)
Sprint Corp. 7.125	06-15-24	200,000	\$158,250
Sprint Corp. 7.250	09-15-21	215,000	183,288
Sprint 7.875 Corp.	09-15-23	100,000	81,750
Syniverse Hold at 2,5 Inc.	01-15-19	85,000	41,650
T-Mobile USA6.464 Inc.	04-28-19	95,000	96,544
VimpelCom Holdmg00	02-13-19	220,000	226,653
BV Utilities 0.1%	ower and renewable e	lectricity	293,688
producers 0.1%		ieculcity	
Dynegy Inc. 5.875	06-01-23	60,000	52,800
GenOn Americas Generation	05-01-31	210,000	161,700
LLC GenOn Americas Generation	10-01-21	100,000	79,188
LLC Convertible box			\$154,325
(Cost \$236,447 Consumer discr			38,975
Household dura	•		38,973
M/I	doics 0.0 //		
Hom∂s000 Inc.	03-01-18	40,000	38,975
Energy 0.0%			48,750
••	nsumable fuels 0.0%		
Cobalt			
International 2.625 Energy,	12-01-19	130,000	48,750
Inc. Financials 0.1% Thrifts and mor	% rtgage finance 0.1%		66,600
MGIC			
Inves 2::00:0 0t	04-01-20	60,000	66,600
Corp. Foreign govern	ment obligations 0.1	%	\$254,740

(Cost \$235,000)

Argentina 0.1% 254,740

Republic

of 7.500 04-22-26 235,000 254,740

Argentina (S)

Term loans (M) 0.2% \$345,731

(Cost \$606,999)

Consumer discretionary 0.1% 179,793

Media 0.1%

Virgin

Media

Inves**3:n6:49**t 06-30-23 100,000 97,357

Holdings,

Ltd.

Multiline retail 0.0%

Lands'

End, 4.250 04-04-21 107,525 82,436

Inc.

Utilities 0.1% 165,938

Electric utilities 0.1%

Texas

Competitive

Electric 10-10-17 500,000 165,938

Holdings Company

LLC (H)

SEE NOTES TO FINANCIAL STATEMENTS

SEMIANNUAL REPORT | JOHN HANCOCK HEDGED EQUITY & INCOME FUND 24

Exchange-traded funds 0.0% (Cost \$34,979) iShares MSCI EAFE 636 35,495 ETF Other 0.0% \$68,779 (Cost \$55,610) TransCanada Corp., \$1,600 \$8,779 Subscription Receipt Par value^ Value Short-term investments 3.1% (Cost \$6,200,000) Repurchase agreement 3.1% Goldman Sachs Tri-Party Repurchase Agreement dated 6-30-16 at 0.420% to be repurchased at \$6,200,072 on 7-1-16, collateralized 56,324,001, including interest)		Shares	Value
funds 0.0% (Cost \$34,979) iShares MSCI EAFE ETF Other 0.0% (Cost \$55,610) TransCanada Corp., Subscription Receipt Par value^ Value Short-term investments 3.1% (Cost \$6,200,000) Repurchase agreement 3.1% Goldman Sachs Tri-Party Repurchase Agreement dated 6-30-16 at 0.420% to be repurchased at \$6,200,072 on 7-1-16, collateralized by \$6,130,712 Federal National Mortgage Association, 3.616% due 2-1-18 (valued at \$6,324,001, including	Evchange-tr		varue
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Corp., Subscription Receipt Par value^ Value Short-term investments 3.1% (Cost \$6,200,000) Repurchase agreement 3.1% Goldman Sachs Tri-Party Repurchase Agreement dated 6-30-16 at 0.420% to be repurchased at \$6,200,072 on 7-1-16, collateralized by \$6,130,712 Federal National Mortgage Association, 3.616% due 2-1-18 (valued at \$6,324,001, including	•		
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Par value^ Value Short-term investments 3.1% (Cost \$6,200,000) Repurchase agreement 3.1% Goldman Sachs Tri-Party Repurchase Agreement dated 6-30-16 at 0.420% to be repurchased at \$6,200,072 on 7-1-16, collateralized by \$6,130,712 Federal National Mortgage Association, 3.616% due 2-1-18 (valued at \$6,324,001, including		n	
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investments 3.1% (Cost \$6,200,000) Repurchase agreement 3.1% Goldman Sachs Tri-Party Repurchase Agreement dated 6-30-16 at 0.420% to be repurchased at \$6,200,072 on 7-1-16, collateralized by \$6,130,712 Federal National Mortgage Association, 3.616% due 2-1-18 (valued at \$6,324,001, including	C1	Par value	\ value
(Cost \$6,200,000) Repurchase agreement 3.1% Goldman Sachs Tri-Party Repurchase Agreement dated 6-30-16 at 0.420% to be repurchased at \$6,200,072 on 7-1-16, collateralized by \$6,130,712 Federal National Mortgage Association, 3.616% due 2-1-18 (valued at \$6,324,001, including		2.107	\$6,200,000
Repurchase agreement 3.1% Goldman Sachs Tri-Party Repurchase Agreement dated 6-30-16 at 0.420% to be repurchased at \$6,200,072 on 7-1-16, collateralized by \$6,130,712 Federal National Mortgage Association, 3.616% due 2-1-18 (valued at \$6,324,001, including			
agreement 3.1% Goldman Sachs Tri-Party Repurchase Agreement dated 6-30-16 at 0.420% to be repurchased at \$6,200,072 on 7-1-16, collateralized by \$6,130,712 Federal National Mortgage Association, 3.616% due 2-1-18 (valued at \$6,324,001, including	•	0,000)	
Goldman Sachs Tri-Party Repurchase Agreement dated 6-30-16 at 0.420% to be repurchased at \$6,200,072 on 7-1-16, collateralized by \$6,130,712 Federal National Mortgage Association, 3.616% due 2-1-18 (valued at \$6,324,001, including	_	1.07	6,200,000
Sachs Tri-Party Repurchase Agreement dated 6-30-16 at 0.420% to be repurchased at \$6,200,072 on 7-1-16, collateralized by \$6,130,712 Federal National Mortgage Association, 3.616% due 2-1-18 (valued at \$6,324,001, including	_	3.1%	
Tri-Party Repurchase Agreement dated 6-30-16 at 0.420% to be repurchased at \$6,200,072 on 7-1-16, collateralized by \$6,130,712 Federal National Mortgage Association, 3.616% due 2-1-18 (valued at \$6,324,001, including			
Repurchase Agreement dated 6-30-16 at 0.420% to be repurchased at \$6,200,072 on 7-1-16, collateralized by \$6,130,712 Federal National Mortgage Association, 3.616% due 2-1-18 (valued at \$6,324,001, including			
Agreement dated 6-30-16 at 0.420% to be repurchased at \$6,200,072 on 7-1-16, collateralized by \$6,130,712 Federal National Mortgage Association, 3.616% due 2-1-18 (valued at \$6,324,001, including	•		
dated 6-30-16 at 0.420% to be repurchased at \$6,200,072 on 7-1-16, collateralized by \$6,130,712 Federal National Mortgage Association, 3.616% due 2-1-18 (valued at \$6,324,001, including	-		
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at 0.420% to be repurchased at \$6,200,072 on 7-1-16, collateralized by \$6,130,712 Federal National Mortgage Association, 3.616% due 2-1-18 (valued at \$6,324,001, including			
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to be repurchased at \$6,200,072 on 7-1-16, collateralized by \$6,130,712 Federal National Mortgage Association, 3.616% due 2-1-18 (valued at \$6,324,001, including			
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at \$6,200,072 on 7-1-16, collateralized 6,200,000 6,200,000 by \$6,130,712 Federal National Mortgage Association, 3.616% due 2-1-18 (valued at \$6,324,001, including			
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on 7-1-16, collateralized by \$6,130,712 Federal National Mortgage Association, 3.616% due 2-1-18 (valued at \$6,324,001, including			
7-1-16, 6,200,000 6,200,000 by \$6,130,712 Federal National Mortgage Association, 3.616% due 2-1-18 (valued at \$6,324,001, including	\$6,200,072		
collateralized 6,200,000 6,200,000 by \$6,130,712 Federal National Mortgage Association, 3.616% due 2-1-18 (valued at \$6,324,001, including			
by \$6,130,712 Federal National Mortgage Association, 3.616% due 2-1-18 (valued at \$6,324,001, including	7-1-16,	6.200.000	6.200.000
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Federal National Mortgage Association, 3.616% due 2-1-18 (valued at \$6,324,001, including	•		
National Mortgage Association, 3.616% due 2-1-18 (valued at \$6,324,001, including			
Mortgage Association, 3.616% due 2-1-18 (valued at \$6,324,001, including			
Association, 3.616% due 2-1-18 (valued at \$6,324,001, including			
3.616% due 2-1-18 (valued at \$6,324,001, including	~ ~		
due 2-1-18 (valued at \$6,324,001, including		,	
2-1-18 (valued at \$6,324,001, including			
(valued at \$6,324,001, including			
at \$6,324,001, including			
\$6,324,001, including	•		
including			
interest)	•		
	interest)		

Total investments

(Cost \$205,933,284) \$201,434,039

99.9%

Other assets and liabilities, net 0.1% \$141,210

Total net assets

100.0% \$201,575,249

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

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

Key to Currency

Abbreviations

EUR Euro

GBP Pound Sterling

Key to Security Abbreviations and

Legend

American

ADR Depositary

Receipts

EURIBOR Euro Interbank

Offered Rate

London

LIBOR Interbank

Offered Rate

PIK Payment-in-kind

A portion of this

security is segregated as

collateral for

(C) confactal for options. Total

collateral value at 6-30-16 was \$17,682,819.

Non-income

(H) producing -

Issuer is in default.

Non-income

(I) producing

security.

(M)

Term loans are variable rate obligations. The coupon rate shown represents the rate at period end.
Perpetual bonds have no stated

(Q) maturity date.
Date shown as maturity date is next call date.

Direct placement securities are restricted as to resale, and the fund has limited rights to

registration (R) under the

Securities Act of 1933. For more information on this security, refer to the Notes to

Notes to financial statements.

These securities are exempt from registration

under Rule

144A of the

Securities Act of

1933. Such

(S) securities may be resold, normally to

qualified

institutional

buyers, in

transactions

exempt from

registration.

At 6-30-16, the

aggregate cost

of investment

securities for

federal income

tax purposes

was

\$206,899,485.

Net unrealized

depreciation

aggregated to

\$5,465,446, of

which

\$15,160,211

related to

appreciated

investment

securities and

\$20,625,657

related to

depreciated

investment

securities.

SEE NOTES TO FINANCIAL STATEMENTS

SEMIANNUAL REPORT | JOHN HANCOCK HEDGED EQUITY & INCOME FUND

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STATEMENT OF ASSETS AND LIABILITIES 6-30-16 (unaudited)

Assets	
Investments, at value (Cost \$205,933,284)	\$201,434,039
Foreign currency, at value (Cost \$137,420)	137,044
Cash held at broker for futures contracts	1,089,561
Receivable for investments sold	201,237
Unrealized appreciation on forward foreign currency contracts	77,718
Dividends and interest receivable	868,933
Other receivables and prepaid expenses	12,385
Total assets	203,820,917
Liabilities	
Due to custodian	513,499
Foreign capital gains tax payable	1,348
Payable for investments purchased	162,764
Unrealized depreciation on forward foreign currency contracts	4,655
Written options, at value (premium received \$326,448)	1,315,270
Payable for futures variation margin	177,887
Payable to affiliates	
Accounting and legal services fees	5,885
Trustees' fees	787
Other liabilities and accrued expenses	63,573
Total liabilities	2,245,668
Net assets	\$201,575,249
Net assets consist of	
Paid-in capital	\$213,881,735
Accumulated distributions in excess of net investment income	(6,179,481)
Accumulated net realized gain (loss) on investments, futures contracts, options written and foreign	(521,630)
currency transactions	(321,030)
Net unrealized appreciation (depreciation) on investments, futures contracts, options written and	(5,605,375)
translation of assets and liabilities in foreign currencies Net assets	\$201 <i>575</i> 240
Net assets	\$201,575,249
Net asset value per share Based on 12,214,669 shares of beneficial interest outstanding unlimited number of shares	
authorized with \$0.01 par value	\$16.50
SEE NOTES TO FINANCIAL STATEMENTS	
SEMIANNUAL REPORT JOHN HANCOCK HEDGED EQUITY & INCOME FUND 26	
DEMINITIONE REPORT JOHN HARCOCK HEDGED EXCIT I & INCOMETOND 20	

STATEMENT OF OPERATIONS For the six months ended 6-30-16 (unaudited)

Dividends	\$3,606,589
Interest	986,419
Less	
foreign	(198,972)
taxes	(198,972)
withheld	
Total	
investme	n 4 ,394,036
income	
Expenses	
Investmer	
_	eln,005,874
fees	
Accounting	ng
and	
legal	19,675
services	
fees	
Transfer	0.454
agent	9,471
fees	
Trustees'	21,821
fees	,
Printing	26.200
and	26,388
postage	1
Profession fees	^{nai} 27,146
1003	
Custodian	¹ 24,417
iees	
Stock	
exchange	11,822
listing fees	
Other	4,530
Total	4,330
expenses	1,151,144
Less	
expense	(7 271
reductions	
Net	
expenses	1,143,873
capenses	

Investment income

```
Net
investment, 250, 163
income
Realized
and
unrealized
gain
(loss)
Net
realized
gain
(loss)
on
Investments
and
foreign
         188,099
currency
transactions
Futures
         (345,014)
contracts
Written
         199,229
options
         42,314
Change
in
net
unrealized
appreciation
(depreciation)
of
Investments
and
translation
of
assets
         2,630,543 1
and
liabilities
in
foreign
currencies
Futures
         32,813
contracts
Written
         (930,246)
options
         1,733,110
Net
realized
and
         1,775,424
unrealized
```

gain

\$5,025,587

Increase in net assets

from

operations

Net of

\$1,348

increase in

1 deferred

foreign

withholding

taxes.

SEE NOTES TO FINANCIAL STATEMENTS

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STATEMENTS OF CHANGES IN NET ASSETS

	Six months ended 6-30-16		Year ended 12-31-15	
	(unaudited)		12 01 10	
Increase				
(decrease	e)			
in				
net				
assets				
From				
operation	ns			
Net	n+\$2 25 0 162		¢5 124 924	
	nt\$3,250,163		\$5,124,834	
income Net				
realized	12 314		11,020,539	
gain	42,314		11,020,339	
Change				
in				
net				
unrealize	1,733,110		(17,324,439)
appreciat				
(deprecia				
Increase				
	e)			
(decrease	e)			
(decrease			(1 170 066	`
(decrease in	5,025,587		(1,179,066)
(decrease in net	5,025,587		(1,179,066)
(decrease in net assets	5,025,587		(1,179,066)
(decrease in net assets resulting from operation	5,025,587		(1,179,066)
(decrease in net assets resulting from	5,025,587		(1,179,066)
(decrease in net assets resulting from operation Distribut	5,025,587 ns tions		(1,179,066)
in net assets resulting from operation Distribut to sharehold	5,025,587 ns tions		(1,179,066)
(decrease in net assets resulting from operation Distribut	5,025,587 ns tions		(1,179,066)
(decrease in net assets resulting from operation Distribut to sharehold From	5,025,587 ns tions ders)1		
in net assets resulting from operation Distribut to sharehol From net investment	5,025,587 ns tions)1	(1,179,066) (5,710,487))
in net assets resulting from operation Distribut to sharehold From net investment income	5,025,587 ns tions ders)1		
in net assets resulting from operation Distribut to sharehold From net investment income From	5,025,587 ns tions ders)1		
in net assets resulting from operation Distribut to sharehold From net investment income From net	5,025,587 ns tions ders)1		
in net assets resulting from operation Distribut to sharehold From net investment income From net realized	5,025,587 ns tions ders)1	(5,710,487)
in net assets resulting from operation Distribut to sharehold From net investment income From net realized gain	5,025,587 ns tions ders)1	(5,710,487)
in net assets resulting from operation Distribut to sharehold From net investment income From net realized gain From	5,025,587 ns tions ders)1	(5,710,487))
in net assets resulting from operation Distribut to sharehold From net investment income From net realized gain From paid	5,025,587 ns tions ders)1	(5,710,487)
in net assets resulting from operation Distribut to sharehold From net investment income From net realized gain From paid in	5,025,587 ns tions ders)1	(5,710,487))
in net assets resulting from operation Distribut to sharehold From net investment income From net realized gain From paid	5,025,587 ns tions ders)1	(5,710,487))

```
Total
distributions
From
fund
share
transactions
Repurchas (4,243,034)
                                                (17,598,174
                                                             )
                                      )
Total
          (8,455,568
                                      )
                                                (38,432,331
                                                            )
decrease
Net
assets
Beginning
          210,030,817
of
                                                248,463,148
 period
End
of
          $201,575,249
                                                $210,030,817
period
Accumulated
distributions
in
excess
          ($6,179,481
                                      )
                                                ($191,523
                                                             )
of
net
investment
income
Share
activity
Shares
outstanding
Beginning
of
          12,517,202
                                                13,637,509
 period
Shares
repurchased (302,533
                                      )
                                                (1,120,307
                                                             )
End
of
          12,214,669
                                                12,517,202
period
   A portion of
   the
   distributions
   may be
   deemed a tax
   return of
   capital at
   year-end.
SEE NOTES TO FINANCIAL STATEMENTS
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COMMON SHARES Period Ended Per share operating performance Net	6-30-161	12-31-15	12-31-14	12-31-13	12-31-12 ²	10-31-12	10-31-11 ³
asset value, beginning of period	\$16.78	\$18.22	\$19.52	\$17.54	\$17.60	\$16.99	\$19.10
Net investment income ⁵ Net realized	0.26	0.39	0.46	0.14	0.05	0.13	0.02
and unrealized gain (loss) on investments	0.16	(0.51)	(0.27)	3.19	0.18	1.68	(1.73)
Total from investment operations Less distributions to common shareholders From	0.42	(0.12)	0.19	3.33	0.23	1.81	(1.71)
net investment income From	(0.75) 6	(0.44)	(0.45)	(0.18)	(0.0)5	(0.13)	(0.02)
net realized gain From tax return		(0.91)	(1.05)	(1.17)	(0.2)7	(1.16)	(0.34)

of capital Total distributions Anti-dilutive impact	(0.75)	(1.50)	(1.50)	(1.35)	(0.3)2	(1.29)	(0.36)
of repurchase plan ⁷ Offering costs	0.05		0.18		0.01		8	0.03	0.09		
related to common shares Net asset										(0.04)
value, end of period Per share	\$16.50		\$16.78		\$18.22		\$19.52	\$17.54	\$17.60	\$16.99	
market value, end of period Total	\$14.99		\$14.46		\$16.32		\$17.07	\$15.26	\$16.14	\$15.18	
return at net asset value (%)9 Total return	3.36	10,11	1.56		1.66	10	20.40	1.71 ¹¹	12.17	(8.98)
at market value (%) ⁹ Ratios and supplemental	8.96	11	(2.29)	4.13		21.02	(3.5)111	15.14	(22.33)
data Net assets applicable to common shares, end of	\$202		\$210		\$248		\$268	\$241	\$245	\$248	

period									
(in									
millions)									
Ratios									
(as a									
percentage									
of									
average									
net									
assets):									
Expenses									
before	1.14	12	1.16	1.17		1.14	0.22^{11}	1.14	1.15
reductions									
Expenses									
including	1.14	12	1.15	1.17		1.14	0.22^{11}	1.14	1.15
reductions									
Net									
investment	3.23	12	2.17	2.37	13	0.72	0.30^{11}	0.74	0.31
income									
Portfolio	19		43	42		142 14	11	76	38
turnover (%)	17		.5			- 1-	11	. 0	20

- Six months ended 6-30-16. Unaudited. For the two-month period ended
- 2 12-31-12. The fund changed its fiscal year end from October 31 to December 31. Period from 5-26-11
- 3 (commencement of operations) to 10-31-11.

Reflects the deduction

4 of a \$0.90 per share sales load.

Based on average

- 5 daily shares outstanding.A portion of the
- distributions may be deemed a tax return of capital at year-end.
- 7 The repurchase plan was completed at an average repurchase price of \$14.03, \$15.71, \$17.38, \$17.06, \$15.43 and

\$15.95 for 302,533 shares, 1,120,307 shares, 94,866 shares, 794 shares, 200,837 shares, and 686,230 shares for the six months ended 6-30-16, years ended 12-31-15, 12-31-14 and 12-31-13, the two month period ended 12-31-12 and the year ended 10-31-12, respectively.

- 8 Less than \$0.005 per share.
 - Total return based on net asset value reflects changes in the fund's net asset value during each period. Total return based on market value reflects changes in market value. Each figure assumes that distributions from income, capital gains
- 9 income, capital gains and tax return of capital, if any, were reinvested. These figures will differ depending upon the level of any discount from or premium to net asset value at which the fund's shares traded during the period.

Total returns would have been lower had

- 10 certain expenses not been reduced during the applicable periods.
- 11 Not annualized.
- 12 Annualized.
- 13 Increase in net investment income as a percentage of average net assets resulted from repositioning of the

portfolio in accordance with investment policy changes approved by the Board of Trustees during the year ended December 31, 2013. Increase in portfolio turnover rate resulted from repositioning of the portfolio in accordance with investment policy changes approved by the Board of Trustees during the year ended December 31, 2013.

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Notes to financial statements (unaudited)

Note 1 Organization

John Hancock Hedged Equity & Income Fund (the fund) is a closed-end management investment company organized as a Massachusetts business trust and registered under the Investment Company Act of 1940, as amended (the 1940 Act).

Note 2 Significant accounting policies

The financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America (US GAAP), which require management to make certain estimates and assumptions as of the date of the financial statements. Actual results could differ from those estimates and those differences could be significant. The fund qualifies as an investment company under Topic 946 of Accounting Standards Codification of US GAAP.

Events or transactions occurring after the end of the fiscal period through the date that the financial statements were issued have been evaluated in the preparation of the financial statements. The following summarizes the significant accounting policies of the fund:

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 (NAV) 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 (SEC) 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 was acquired or most likely will be sold. 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. Options listed on an exchange are valued at the mean of the most recent bid and ask prices from the exchange where the option was acquired or most likely will be sold. Futures contracts are valued at settlement prices, which are the official closing prices published by the exchange on which they trade. Foreign securities and currencies, including forward foreign currency contracts, are valued in U.S. dollars, based on foreign currency exchange rates supplied by an independent pricing vendor.

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. Trading in foreign securities may be completed before the scheduled daily close of trading on the NYSE.

Significant events at the issuer or market level may affect the values of securities between the time when the valuation of the securities is generally determined and the close of the NYSE. If a significant event occurs, these securities may be fair valued, as determined in good faith by the fund's Pricing Committee, following procedures established by the Board of Trustees. The fund uses fair value adjustment factors provided by an independent pricing vendor to value certain foreign securities in order to adjust for events that may occur between the close of foreign exchanges or markets and the close of the NYSE.

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 June 30, 2016, by major security category or type:

	Total value at 6-30-16	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Common stocks				
Consumer discretionary	\$9,243,030	\$2,710,296	\$6,395,680	\$137,054
Consumer staples	11,187,122	4,438,416	6,748,706	
Energy	15,169,621	8,799,006	6,370,615	
Financials	37,392,921	19,878,896	17,514,025	
Health care	19,354,296	11,344,495	8,009,801	
Industrials	17,657,148	8,262,826	9,394,322	
Information technology	22,079,748	16,935,233	5,067,831	76,684
Materials	9,850,723	6,185,660	3,665,063	
Telecommunication services	10,601,440	2,002,590	8,598,850	
Utilities	11,297,493	5,012,548	6,284,945	
Preferred securities	298,877	298,877		
Corporate bonds	30,242,550		30,242,550	
Convertible bonds	154,325		154,325	
Foreign government	254,740		254,740	
obligations	254,740		234,740	
Term loans	345,731		345,731	
Exchange-traded funds	35,495	35,495		
Other	68,779		68,779	
Short-term investments	6,200,000		6,200,000	
Total investments in	\$201,434,039	\$85,904,338	\$115,315,963	\$213,738
securities	\$201,434,039	Ф03,904,330	\$115,515,905	Φ213,730
Other financial instruments:				
Futures	(\$180,030)	(\$180,030)	
Forward foreign currency contracts	73,063		\$73,063	
Written options	(1,315,270)	(1,315,270)	

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, or for tri-party repurchase agreements, collateral is held at a third-party custodian bank in a segregated account for the benefit of the fund. 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 default, assets and liabilities resulting from repurchase agreements are not offset in the Statement of assets and liabilities. 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.

Security transactions and related investment income. Investment security transactions are accounted for on a trade date plus one basis for daily NAV calculations. However, for financial reporting purposes, investment transactions are reported on trade date. Interest income is accrued as earned. Interest income includes coupon interest and amortization/accretion of premiums/discounts on debt securities. Debt obligations may be placed in a non-accrual status and related interest income may be reduced by stopping current accruals and writing off interest receivable when the collection of all or a portion of interest has become doubtful. Dividend income is recorded on the ex-date, except for dividends of foreign securities where the dividend may not be known until after the ex-date. In those cases, dividend income, net of withholding taxes, is recorded when the fund becomes aware of the dividends. Distributions received on securities that represent a tax return of capital or capital gain are recorded as a reduction of cost of investments and/or as a realized gain if amounts are estimable. Foreign taxes are provided for based on the fund's understanding of the tax rules and rates that exist in the foreign markets in which it invests. Gains and losses on securities sold are determined on the basis of identified cost and may include proceeds from litigation.

Foreign currency translation. Assets, including investments and liabilities denominated in foreign currencies, are translated into U.S. dollar values each day at the prevailing exchange rate. Purchases and sales of securities, income and expenses are translated into U.S. dollars at the prevailing exchange rate on the date of the transaction. The effect of changes in foreign currency exchange rates on the value of securities is reflected as a component of the realized and unrealized gains (losses) on investments.

Funds that invest internationally generally carry more risk than funds that invest strictly in U.S. securities. Risks can result from differences in economic and political conditions, regulations, market practices (including higher transaction costs), accounting standards and other factors. Foreign investments are also subject to a decline in the value of a foreign currency versus the U.S. dollar, which reduces the dollar value of securities denominated in that currency.

Foreign taxes. The fund may be subject to withholding tax on income and/or capital gains or repatriation taxes imposed by certain countries in which the fund invests. Taxes are accrued based upon investment income, realized gains or unrealized appreciation.

Overdrafts. Pursuant to the custodian agreement, the fund's custodian may, in its discretion, advance funds to the fund to make properly authorized payments. When such payments result in an overdraft, the fund is obligated to repay the custodian for any overdraft, including any costs or expenses associated with the overdraft. The custodian may have a lien, security interest or security entitlement in any fund property that is not otherwise segregated or pledged, to the maximum extent permitted by law, to the extent of any overdraft.

Expenses. Within the John Hancock group of funds complex, expenses that are directly attributable to an individual fund are allocated to such fund. Expenses that are not readily attributable to a specific fund are allocated among all funds in an equitable manner, taking into consideration, among other things, the nature and type of expense and the fund's relative net assets. Expense estimates are accrued in the period to which they relate and adjustments are made when actual amounts are known.

Federal income taxes. The fund intends to continue to qualify as a regulated investment company by complying with the applicable provisions of the Internal Revenue Code and will not be subject to federal income tax on taxable income that is distributed to shareholders. Therefore, no federal income tax provision is required.

As of December 31, 2015, the fund had no uncertain tax positions that would require financial statement recognition, derecognition or disclosure. The fund's federal tax returns are subject to examination by the Internal Revenue Service

for a period of three years.

Managed distribution plan. The fund has adopted a managed distribution plan (Plan). Under the current Plan, the fund makes quarterly distributions of an amount equal to \$0.376 per share, which will be paid quarterly until further notice.

Distributions under the Plan may consist of net investment income, net realized capital gains and, to the extent necessary, return of capital. Return of capital distributions may be necessary when the fund's net investment income and net capital gains are insufficient to meet the minimum percentage dividend. In addition, the fund may also make additional distributions for purposes of not incurring federal income and excise taxes.

The Board of Trustees may terminate or reduce the amount paid under the Plan at any time. The termination or reduction may have an adverse effect on the market price of the fund's shares.

Distribution of income and gains. Distributions to shareholders from net investment income and net realized gains, if any, are recorded on the ex-date. The fund declares and pays dividends quarterly pursuant to the Plan described above.

Such distributions, on a tax basis, are determined in conformity with income tax regulations, which may differ from US GAAP. Distributions in excess of tax basis earnings and profits, if any, are reported in the fund's financial statements as a return of capital. The final determination of tax characteristics of the fund's distribution will occur at the end of the year and will subsequently be reported to shareholders.

Capital accounts within the financial statements are adjusted for permanent book-tax differences. These adjustments have no impact on net assets or the results of operations. Temporary book-tax differences, if any, will reverse in a subsequent period. Book-tax differences are primarily attributable to foreign currency transactions, investments in passive foreign investments companies, wash sale loss deferrals and amortization and accretion on debt securities.

Note 3 Derivative Instruments

The fund may invest in derivatives in order to meet its investment objective. 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.

Forward foreign currency contracts and certain options are typically traded through the OTC market. Certain forwards and options are regulated by the Commodity Futures Trading Commission (the CFTC) as swaps. Derivative counterparty risk is managed through an ongoing evaluation of the creditworthiness of all potential counterparties and, if applicable, designated clearing organizations. The fund attempts to reduce its exposure to counterparty risk for derivatives traded in the OTC market, whenever possible, by entering into an International Swaps and Derivatives Association (ISDA) Master Agreement with each of its OTC counterparties. The ISDA gives each party to the agreement the right to terminate all transactions traded under the agreement if there is certain deterioration in the credit quality or contractual default of the other party, as defined in the ISDA. Upon an event of default or a termination of the ISDA, the non-defaulting party has the right to close out all transactions and to net amounts owed.

Futures and certain options are traded on an exchange. Exchange-traded transactions generally present less counterparty risk to a fund than OTC transactions. The exchange stands between the fund and the broker to the contract and therefore, credit risk is generally limited to the failure of the exchange or clearinghouse and the clearing member.

Margin requirements for exchange-traded transactions are set by the broker. Margin for exchange-traded transactions is detailed in the Statement of assets and liabilities as Cash held at broker for futures contracts. Securities pledged by

the fund for exchange-traded transactions, if any, are identified in the Fund's investments.

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, contract prices that can be highly volatile and imperfectly correlated to movements in the underlying financial instrument and potential losses in excess of the amounts recognized on the Statement of assets and liabilities. Use of long futures

contracts subjects the fund to the risk of loss up to the notional value of the futures contracts. Use of short futures contracts subjects the fund to unlimited risk of loss.

Upon entering into a futures contract, the fund is required to deposit initial margin with the broker in the form of cash or securities. The amount of required margin is generally based on a percentage of the contract value; this amount is the initial margin for the trade. The margin deposit must then be maintained at the established level over the life of the contract. Futures margin receivable / payable is included on the Statement of assets and liabilities. Futures contracts are marked-to-market daily and an appropriate payable or receivable for the change in value (variation margin) and unrealized gain or loss is recorded by the fund. When the contract is closed, the fund records a realized gain or loss equal to the difference between the value of the contract at the time it was opened and the value at the time it was closed.

During the six months ended June 30, 2016, the fund used futures contracts to manage against anticipated changes in securities markets. The fund held futures contracts with notional values ranging from \$11.0 million to \$27.4 million, as measured at each quarter end. The following table summarizes the contracts held at June 30, 2016:

Open contracts	Number of contracts	Position	Expiration date	Notional basis	Notional value	Unrealized appreciation (depreciation)	
Mini MSCI EAFE Index Futures	130	Short	Sep 2016	(\$10,364,660)	(\$10,498,800)	(\$134,140)
S&P 500 Index E-Mini Futures	24	Short	Sep 2016	(2,462,350)	(2,508,240)	(45,890)
						(\$180,030)

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

Forward foreign currency contracts. A forward foreign currency contract is an agreement between two parties to buy and sell specific currencies at a price that is set on the date of the contract. The forward contract calls for delivery of the currencies on a future date that is specified in the contract. Risks related to the use of forwards include the possible failure of counterparties to meet the terms of the forward agreement, the failure of the counterparties to timely post collateral if applicable, the risk that currency movements will not favor the fund thereby reducing the fund's total return, and the potential for losses in excess of the amounts recognized on the Statement of assets and liabilities.

The market value of a forward foreign currency contract fluctuates with changes in foreign currency exchange rates. Forward foreign currency contracts are marked-to-market daily and the change in value is recorded by the fund as an unrealized gain or loss. Realized gains or losses, equal to the difference between the value of the contract at the time it was opened and the value at the time it was closed, are recorded upon delivery or receipt of the currency or settlement with the counterparty.

During the six months ended June 30, 2016, the fund used forward foreign currency contracts to manage against anticipated changes in currency exchange rates. The fund held forward foreign currency contracts with U.S. Dollar notional values ranging from \$4.7 million to \$7.0 million, as measured at each quarter end. The following table summarizes the contracts held at June 30, 2016:

Contract to buy	Contract to sell	Counterparty	Contractual settlement date	Unrealized appreciation	Unrealized depreciation	Net unrealized appreciation/ (depreciation)
-----------------	------------------	--------------	-----------------------------	-------------------------	-------------------------	---

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CAD	155,000	USD	120,899	Royal Bank of Canada	7/29/2016		(\$913) (\$913)
EUR	225,000	USD	253,653	Goldman Sachs International	7/29/2016		(3,742) (3,742)
EUR	1,494,000	USD	1,648,375	JPMorgan Chase Bank N.A.	7/29/2016	\$11,038		11,038	
GBP	423,000	USD	557,239	BNP Paribas SA	7/29/2016	5,992		5,992	
USD	1,364,943	EUR	1,226,000	Citibank N.A. Commonwealth	9/21/2016	537		537	
USD	3,023,783	EUR	2,663,000	Bank of Australia Sydney	9/21/2016	60,151		60,151	
						\$77,718	(\$4,655	\$73,063	

Currency abbreviations

CAD Canadian Dollar GBP Pound Sterling
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Currency abbreviations

EUR Euro USD U.S. Dollar

Options. There are two types of options, put options and call options. Options are traded on an exchange. A call option gives the purchaser of the option the right to buy (and the seller the obligation to sell) the underlying instrument at the exercise price. A put option gives the purchaser of the option the right to sell (and the writer the obligation to buy) the underlying instrument at the exercise price. Writing puts and buying calls may increase the fund's exposure to changes in the value of the underlying instrument. Buying puts and writing calls may decrease the fund's exposure to such changes. Risks related to the use of options include the loss of premiums, possible illiquidity of the options markets, trading restrictions imposed by an exchange and movements in underlying security values, and for written options, potential losses in excess of the amounts recognized on the Statement of assets and liabilities. In addition, OTC options are subject to the risks of all OTC derivatives contracts.

When the fund writes an option, the premium received is included as a liability and subsequently "marked-to-market" to reflect the current market value of the option written. Premiums received from writing options that expire unexercised are recorded as realized gains. Premiums received from writing options which are exercised or are closed are added to or offset against the proceeds or amount paid on the transaction to determine the realized gain or loss. If a put option on a security is exercised, the premium received reduces the cost basis of the securities purchased by the fund.

During the six months ended June 30, 2016, the fund wrote option contracts to generate income. The following tables summarize the fund's written options activities during the six months ended June 30, 2016 and the contracts held at June 30, 2016:

	Number of contracts	Premiums received
Outstanding, beginning of period	265	\$296,524
Optons written	1,558	2,010,769
Options closed	(1,581	(1,980,845)
Options exercised		
Options expired		
Outstanding, end of period	242	\$326,448

Name of issuer	Exercise price	Expiration date	Number of contracts	Premium	Value
Calls					
S&P 500 Index futures	\$2,050	Jul 2016	242	\$326,448	(\$1,315,270)
	•		242	\$326,448	(\$1,315,270)

Fair value of derivative instruments by risk category

The table below summarizes the fair value of derivatives held by the fund at June 30, 2016 by risk category:

Risk	Statement of assets and liabilities location	Financial instruments location	Asset derivatives fair value	Liabilities derivatives fair value	
Equity	Receivable/payable for futures	Futures		(\$180,030)
			\$77,718	(4.655)

Foreign Unrealized appreciation (depreciation) on Forward foreign

currency forward foreign currency contracts currency

contracts

Equity Written options, at value Written options (1,315,270)

\$77,718 (\$1,499,955

)

Reflects cumulative appreciation/depreciation on futures as disclosed in Note 3. Only the period end variation margin is separately disclosed on the Statement of assets and liabilities.

Effect of derivative instruments on the Statement of operations

The table below summarizes the net realized gain (loss) included in the net increase (decrease) in net assets from operations, classified by derivative instrument and risk category, for the six months ended June 30, 2016:

	Statement of operations location - Net realized gain (loss)							
	on:							
Risk	Futures contracts	Investments and foreign currency transactions*	Written options	Total				
Equity	(\$345,014)	•	\$199,229	(\$145,785)				
Forward currency		(\$124,264)		(124,264)				
Total	(\$345,014)	(\$124,264)	\$199,229	(\$270,049)				

^{*}Realized gain/loss associated with forward foreign currency contracts is included in this caption on the Statement of operations.

The table below summarizes the net change in unrealized appreciation (depreciation) included in the net increase (decrease) in net assets from operations, classified by derivative instrument and risk category, for the six months ended June 30, 2016:

	Statement	t of operations location - Chang	ge in unreal	ızed
	appreciati	ion (depreciation)		
Diek	Futures	Investments and translation	Written	Tota

Risk	Futures contracts	of assets and liabilities in foreign currencies*	Written options	Total
Equity	\$32,813	C .	(\$930,246)	(\$897,433)
Forward foreign currency		\$68,518		68,518
Total	\$32,813	\$68,518	(\$930,246)	(\$828,915)

^{*}Change in unrealized appreciation/depreciation associated with forward foreign currency contracts is included in this caption of the Statement of operations.

Note 4 Guarantees and indemnifications

Under the fund's organizational documents, its Officers and Trustees are indemnified against certain liabilities arising out of the performance of their duties to the fund. Additionally, in the normal course of business, the fund enters into contracts with service providers that contain general indemnification clauses. The fund's maximum exposure under these arrangements is unknown, as this would involve future claims that may be made against the fund that have not yet occurred. The risk of material loss from such claims is considered remote.

Note 5 Fees and transactions with affiliates

John Hancock Advisers, LLC (the Advisor) serves as investment advisor for the fund. The Advisor is an indirect, wholly owned subsidiary of Manulife Financial Corporation (MFC).

Management fee. The fund has an investment management agreement with the Advisor under which the fund pays a daily management fee to the Advisor equivalent on an annual basis to 1.00% of the fund's average daily gross assets. The Advisor has a subadvisory agreement with Wellington Management Company LLP. The fund is not responsible for payment of the subadvisory fees.

The Advisor has contractually agreed to waive a portion of its management fee and/or reimburse expenses for certain funds of the John Hancock group of funds complex, including the fund (the participating portfolios). This waiver is based upon aggregate net assets of all the participating portfolios. The amount of the reimbursement is calculated daily and allocated among all the participating portfolios in proportion to the daily net assets of each fund. During the six months ended June 30, 2016, this waiver amounted to 0.01% of the fund's average daily gross assets (on an annualized basis). This arrangement may be amended or terminated at any time by the Advisor upon notice to the fund and with the approval of the Board of Trustees.

The expense reductions described above amounted to \$7,271 for the six months ended June 30, 2016.

Expenses waived or reimbursed in the current fiscal period are not subject to recapture in future fiscal periods.

The investment management fees, including the impact of the waivers and reimbursements as described above, incurred for the six months ended June 30, 2016 were equivalent to a net annual effective rate of 0.99% of the fund's average daily gross assets.

Accounting and legal services. Pursuant to a service agreement, the fund reimburses the Advisor for all expenses associated with providing the administrative, financial, legal, accounting and recordkeeping services to the fund, including the preparation of all tax returns, periodic reports to shareholders and regulatory reports, among other services. These accounting and legal services fees incurred for the six months ended June 30, 2016 amounted to an annual rate of 0.02% of the fund's average daily net assets.

Trustee expenses. The fund compensates each Trustee who is not an employee of the Advisor or its affiliates. These Trustees receive from the fund and the other John Hancock closed-end funds an annual retainer. In addition, Trustee out-of-pocket expenses are allocated to each fund based on its net assets relative to other funds within the John Hancock group of funds complex.

Note 6 Fund share transactions

On December 6, 2011, the Board of Trustees approved a share repurchase plan, which has been subsequently renewed and approved by the Board of Trustees each year in December. Under the current share repurchase plan, the fund may purchase in the open market, between January 1, 2016 and December 31, 2016, up to an additional 10% of its outstanding common shares (based on common shares outstanding as of December 31, 2015). During the six months ended June 30, 2016 and the year ended December 31, 2015, the fund repurchased 2.42% and 8.21% of shares outstanding, respectively. The weighted average discount per share on the repurchases amounted to 12.63% and 12.14% for the six months ended June 30, 2016 and year ended December 31, 2015, respectively. Shares repurchased and corresponding dollar amounts are included in the Statements of changes in net assets. The antidilutive impact of these share repurchases is included on the Financial highlights.

Note 7 Purchase and sale of securities

Purchases and sales of securities, other than short-term investments, amounted to \$39,003,294 and \$48,376,524, respectively, for the six months ended June 30, 2016.

Note 8 Direct placement securities

The fund may hold private placement securities which are restricted as to resale and the fund has limited rights to registration under the Securities Act of 1933. The following table summarizes the direct placement securities held at June 30, 2016:

Issuer, description	Acquisition date	Acquisition cost	Beginning share amount	chara	Value as a percentage of fund's net assets	Value as of 6-30-16	
Allstar Co-Invest LLC	8-1-11	\$240,553	236,300	236,300	0.07%	\$137,054	
Dropbox, Inc.	5-1-12	\$65,608	7,248	7,248	0.04%	\$76,684	
		\$306,161				\$213,738	
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ADDITIONAL INFORMATION

Unaudited

Investment objective and policy

The fund is a closed-end, diversified management investment company, common shares of which were initially offered to the public on May 26, 2011 and are publicly traded on the New York Stock Exchange (the NYSE). The fund's investment objective is to provide total return with a focus on current income and gains and also consisting of long-term capital appreciation. The fund uses an equity strategy, as well as futures and call writing, to pursue its investment objective.

Under normal circumstances, the fund will invest at least 80% of its net assets (assets plus borrowings for investment purposes) in equity and equity-related securities, including common stock, preferred stock, depositary receipts (including American Depositary Receipts and Global Depositary Receipts), index-related securities (including exchange-traded funds), options on equity securities and equity indexes, real estate investment structures (including real estate investment trusts), convertible securities, private placements, convertible preferred stock, rights, warrants, derivatives linked to equity securities or indexes and other similar equity equivalents. The fund may invest in listed and unlisted domestic and foreign equity and equity-related securities or instruments. These equity and equity-related instruments may include equity securities of, or derivatives linked to, foreign issuers and indexes (including emerging market issuers or indexes).

Declaration of Trust

Effective January 22, 2016, the Board of Trustees of the fund amended and restated in its entirety the Agreement and Declaration of Trust of the fund (the "Declaration of Trust"). The amendments to the Declaration of Trust include, among other changes, provisions that: (i) clarify certain duties, responsibilities, and powers of the Trustees; (ii) clarify that, other than as provided under federal securities laws, the shareholders may only bring actions involving the Trust derivatively; (iii) provide that any action brought by a shareholder related to the Trust will be brought in Massachusetts state or federal court, and that, if a claim is brought in a different jurisdiction and subsequently changed to a Massachusetts venue, the shareholder will be required to reimburse the Trust for expenses related to changing venue; and (iv) clarify that shareholders are not intended to be third-party beneficiaries of fund contracts. The foregoing description of the Declaration of Trust is qualified in its entirety by the full text of the Declaration of Trust, effective as of January 22, 2016, which is available by writing to the Secretary of the fund at 601 Congress Street, 11th Floor, Boston, Massachusetts 02210.

By-laws

Effective March 10, 2016, the Board of Trustees of the fund amended the By-Laws of the fund to provide that Trustees' mandatory retirement age shall be determined from time to time by a resolution of the majority of the Trustees.

Dividends and distributions

During the six months ended June 30, 2016, distributions from net investment income totaling \$0.7520 per share were paid to shareholders. The dates of payments and the amounts per share were as follows:

Payment date Income distributions¹
March 31, 2016 \$0.3760
June 30, 2016 0.3760

Total \$0.7520

¹ A portion of the distributions may be deemed a tax return of capital at year-end.

CONTINUATION OF INVESTMENT ADVISORY AND SUBADVISORY AGREEMENTS

Evaluation of Advisory and Subadvisory Agreements by the Board of Trustees

This section describes the evaluation by the Board of Trustees (the Board) of John Hancock Hedged Equity & Income Fund (the fund) of the Advisory Agreement (the Advisory Agreement) with John Hancock Advisers, LLC (the Advisor) and the Subadvisory Agreement (the Subadvisory Agreement) with Wellington Management Company LLP (the Subadvisor). The Advisory Agreement and Subadvisory Agreement are collectively referred to as the Agreements. Prior to the June 20-23, 2016 meeting at which the Agreements were approved, the Board also discussed and considered information regarding the proposed continuation of the Agreements at an in-person meeting held on May 24-25, 2016.

Approval of Advisory and Subadvisory Agreements

At in-person meetings held on June 20-23, 2016, the Board, including the Trustees who are not considered to be interested persons of the fund under the Investment Company Act of 1940, as amended (the 1940 Act) (the Independent Trustees), reapproved for an annual period the continuation of the Advisory Agreement between the fund and the Advisor and the Subadvisory Agreement between the Advisor and the Subadvisor with respect to the fund.

In considering the Advisory Agreement and the Subadvisory Agreement, the Board received in advance of the meetings a variety of materials relating to the fund, the Advisor and the Subadvisor, including comparative performance, fee and expense information for a peer group of similar funds prepared by an independent third-party provider of fund data, performance information for an applicable benchmark index; and other pertinent information, such as the market premium and discount information, and, with respect to the Subadvisor, comparative performance information for comparably managed accounts, as applicable, and other information provided by the Advisor and the Subadvisor regarding the nature, extent and quality of services provided by the Advisor and the Subadvisor under their respective Agreements, as well as information regarding the Advisor's revenues and costs of providing services to the fund and any compensation paid to affiliates of the Advisor. At the meetings at which the renewal of the Advisory Agreement and Subadvisory Agreement are considered, particular focus is given to information concerning fund performance, comparability of fees and total expenses, and profitability. However, the Board notes that the evaluation process with respect to the Advisor and the Subadvisor is an ongoing one. In this regard, the Board also took into account discussions with management and information provided to the Board at prior meetings with respect to the services provided by the Advisor and the Subadvisor to the fund, including quarterly performance reports prepared by management containing reviews of investment results and prior presentations from the Subadvisor with respect to the fund. The Board also considered the nature, quality, and extent of non-advisory services, if any, to be provided to the fund by the Advisor's affiliates.

Throughout the process, the Board asked questions of and requested additional information from management. The Board is assisted by counsel for the fund and the Independent Trustees are also separately assisted by independent legal counsel throughout the process. The Independent Trustees also received a memorandum from their independent legal counsel discussing the legal standards for their consideration of the proposed continuation of the Agreements and discussed the proposed continuation of the Agreements in private sessions with their independent legal counsel at which no representatives of management were present.

Approval of Advisory Agreement

In approving the Advisory Agreement with respect to the fund, the Board, including the Independent Trustees, considered a variety of factors, including those discussed below. The Board also considered other factors (including conditions and trends prevailing generally in the economy, the securities markets, and the industry) and does not treat any single factor as determinative, and each Trustee may attribute different weights to different factors. The Board's conclusions may be based in part on its consideration of the advisory and subadvisory arrangements in prior years and

on the Board's ongoing regular review of fund performance and operations throughout the year.

Nature, extent, and quality of services. Among the information received by the Board from the Advisor relating to the nature, extent, and quality of services provided to the fund, the Board reviewed information provided by the Advisor relating to its operations and personnel, descriptions of its organizational and management structure, and information regarding the Advisor's compliance and regulatory history, including its Form ADV. The Board also noted that on a regular basis it receives and reviews information from the fund's Chief Compliance Officer (CCO) regarding the fund's compliance policies and procedures established pursuant to Rule 38a-1 under the 1940 Act. The Board also considered the Advisor's risk management processes. The Board considered that the Advisor is responsible for the management of the day-to-day operations of the fund, including, but not limited to, general supervision of and coordination of the services provided by the Subadvisor, and is also responsible for monitoring and reviewing the activities of the Subadvisor and other third-party service providers.

The Board also considered the differences between the Advisor's services to the fund and the services it provides to other clients that are not closed-end funds, including, for example, the differences in services related to the regulatory and legal obligations of closed-end funds.

In considering the nature, extent, and quality of the services provided by the Advisor, the Trustees also took into account their knowledge of the Advisor's management and the quality of the performance of the Advisor's duties, through Board meetings, discussions and reports during the preceding year and through each Trustee's experience as a Trustee of the fund and of the other funds in the John Hancock group of funds complex (the John Hancock Fund Complex).

In the course of their deliberations regarding the Advisory Agreement, the Board considered, among other things:

- the skills and competency with which the Advisor has in the past managed the fund's affairs and its subadvisory relationships, the Advisor's oversight and monitoring of the Subadvisor's investment performance and compliance
- (a) programs, such as the Subadvisor's compliance with fund policies and objectives, review of brokerage matters, including with respect to trade allocation and best execution and the Advisor's timeliness in responding to performance issues;
- (b) the background, qualifications and skills of the Advisor's personnel;
- (c) the Advisor's compliance policies and procedures and its responsiveness to regulatory changes and fund industry developments;
- (d) the Advisor's administrative capabilities, including its ability to supervise the other service providers for the fund;
- (e) the financial condition of the Advisor and whether it has the financial wherewithal to provide a high level and quality of services to the fund; and
- the Advisor's reputation and experience in serving as an investment advisor to the fund and the benefit to shareholders of investing in funds that are part of a family of funds offering a variety of investments. The Board concluded that the Advisor may reasonably be expected to continue to provide a high quality of services under the Advisory Agreement with respect to the fund.

<u>Investment performance</u>. In considering the fund's performance, the Board noted that it reviews at its regularly scheduled meetings information about the fund's performance results. In connection with the consideration of the Advisory Agreement, the Board:

- (a) reviewed information prepared by management regarding the fund's performance;
- (b) considered the comparative performance of an applicable benchmark index;
- (c) considered the performance of comparable funds, if any, as included in the report prepared by an independent third-party provider of fund data;
- (d) took into account the Advisor's analysis of the fund's performance; and

(e) considered the fund's share performance and premium/discount information.

The Board noted that, based on its net asset value, the fund outperformed its benchmark index for the one-year period and underperformed for the three-year period ended December 31, 2015. The Board also noted that, based on its net asset value, the Fund outperformed its peer group average for the one- and three-year periods ended December 31, 2015. The Board took into account management's discussion of the fund's performance, including the fund's favorable performance relative to the peer group for the one- and three-year periods. The Board concluded that the fund's performance has generally been in line with or outperformed the historical performance of comparable funds and the fund's benchmark index.

Fees and expenses. The Board reviewed comparative information prepared by an independent third-party provider of fund data, including, among other data, the fund's contractual and net management fees (and subadvisory fees, to the extent available) and total expenses as compared to similarly situated investment companies deemed to be comparable to the fund. The Board considered the fund's ranking within a smaller group of peer funds chosen by the independent third-party provider, as well as the fund's ranking within a broader group of funds. In comparing the fund's contractual and net management fees to those of comparable funds, the Board noted that such fees include both advisory and administrative costs.

The Board noted that net management fees for the fund are at the peer group median and that the total expenses for the fund are below the peer group median. The Board also took into account management's discussion with respect to the advisory/subadvisory fee structure, including the amount of the advisory fee retained by the Advisor after payment of the subadvisory fees. The Board also noted that the Advisor pays the subadvisory fees, In addition, the Board took into account that management had agreed to implement an overall fee waiver across the complex, including the fund, which is discussed further below. The Board reviewed information provided by the Advisor concerning the investment advisory fee charged by the Advisor or one of its advisory affiliates to other clients (including other funds in the John Hancock Fund Complex) having similar investment mandates, if any. The Board considered any differences between the Advisor's and Subadvisor's services to the fund and the services they provide to other comparable clients or funds. The Board concluded that the advisory fee paid with respect to the fund is reasonable.

Profitability/indirect benefits. In considering the costs of the services to be provided and the profits to be realized by the Advisor and its affiliates from the Advisor's relationship with the fund, the Board:

- (a) reviewed financial information of the Advisor;
- reviewed and considered information presented by the Advisor regarding the net profitability to the Advisor and its affiliates with respect to the fund;
- (c) received and reviewed profitability information with respect to the John Hancock Fund Complex as a whole;
- received information with respect to the Advisor's allocation methodologies used in preparing the profitability
- (e) considered that the Advisor also provides administrative services to the fund on a cost basis pursuant to an administrative services agreement;
- noted that the Advisor also derives reputational and other indirect benefits from providing advisory services to the fund:
- (g) noted that the subadvisory fees for the fund are paid by the Advisor, and are negotiated at arm's length; and
- (h) considered that the Advisor should be entitled to earn a reasonable level of profits in exchange for the level of services it provides to the fund and the entrepreneurial risk that it assumes as Advisor.

Based upon its review, the Board concluded that the level of profitability, if any, of the Advisor and its affiliates from their relationship with the fund was reasonable and not excessive.

<u>Economies of scale</u>. In considering the extent to which the fund may realize any economies of scale and whether fee levels reflect these economies of scale for the benefit of the fund shareholders, the Board noted that the fund has a limited ability to increase its assets as a closed-end fund. The Board took into account management's discussions of the current advisory fee structure, and, as noted above, the services the Advisor provides in performing its functions under the Advisory Agreement and in supervising the Subadvisor.

The Board also considered potential economies of scale that may be realized by the fund as part of the John Hancock Fund Complex. Among them, the Board noted that the Advisor has contractually agreed to waive a portion of its management fee and/or reimburse expenses for certain funds of the John Hancock Fund Complex, including the fund (the participating portfolios). This waiver is based upon aggregate net assets of all the participating portfolios. The amount of the reimbursement is calculated daily and allocated among all the participating portfolios in proportion to the daily net assets of each fund. The Board also considered the Advisor's overall operations and its ongoing investment in its business in order to expand the scale of, and improve the quality of, its operations that benefit the fund. The Board determined that the management fee structure for the fund was reasonable.

Approval of Subadvisory Agreement

In making its determination with respect to approval of the Subadvisory Agreement, the Board reviewed:

- (1) information relating to the Subadvisor's business, including current subadvisory services to the fund (and other funds in the John Hancock Fund Complex);
- (2) the historical and current performance of the fund and comparative performance information relating to an applicable benchmark index and comparable funds;
- (3) the subadvisory fee for the fund and to the extent available, comparable fee information prepared by an independent third party of fund data; and
- (4) Information relating to the nature and scope of any material relationships and their significance to the fund's Advisor and the Subadvisor.

Nature, extent, and quality of services. With respect to the services provided by the Subadvisor, the Board received information provided to the Board by the Subadvisor, including the Subadvisor's Form ADV, as well as took into account information presented throughout the past year. The Board considered the Subadvisor's current level of staffing and its overall resources, as well as received information relating to the Subadvisor's compensation program. The Board reviewed the Subadvisor's history and investment experience, as well as information regarding the qualifications, background, and responsibilities of the Subadvisor's investment and compliance personnel who provide services to the fund. The Board also considered, among other things, the Subadvisor's compliance program and any disciplinary history. The Board also considered the Subadvisor's risk assessment and monitoring process. The Board reviewed the Subadvisor's regulatory history, including whether it was involved in any regulatory actions or investigations as well as material litigation, and any settlements and amelioratory actions undertaken, as appropriate. The Board noted that the Advisor conducts regular, periodic reviews of the Subadvisor and its operations, including regarding investment processes and organizational and staffing matters. The Board also noted that the fund's CCO and his staff conduct regular, periodic compliance reviews with the Subadvisor and present reports to the Independent Trustees regarding the same, which includes evaluating the regulatory compliance systems of the Subadvisor and procedures reasonably designed to assure compliance with the federal securities laws. The Board also took into account the financial condition of the Subadvisor.

The Board considered the Subadvisor's investment process and philosophy. The Board took into account that the Subadvisor's responsibilities include the development and maintenance of an investment program for the fund that is consistent with the fund's investment objective, the selection of investment securities and the placement of orders for the purchase and sale of such securities, as well as the implementation of compliance controls related to performance of these services. The Board also received information with respect to the Subadvisor's brokerage policies and practices, including with respect to best execution and soft dollars.

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<u>Subadvisor compensation</u>. In considering the cost of services to be provided by the Subadvisor and the profitability to the Subadvisor of its relationship with the fund, the Board noted that the fees under the Subadvisory Agreement are paid by the Advisor and not the fund. The Board also relied on the ability of the Advisor to negotiate the Subadvisory Agreement and the fees thereunder at arm's length. As a result, the costs of the services to be provided and the profits to be realized by the Subadvisor from its relationship with the fund were not a material factor in the Board's consideration of the Subadvisory Agreement.

The Board also received information regarding the nature and scope (including their significance to the Advisor and its affiliates and to the Subadvisor) of any material relationships with respect to the Subadvisor, which include arrangements in which the Subadvisor or its affiliates provide advisory, distribution, or management services in connection with financial products sponsored by the Advisor or its affiliates, and may include other registered investment companies, a 529 education savings plan, managed separate accounts and exempt group annuity contracts sold to qualified plans. The Board also received information and took into account any other potential conflicts of interest the Advisor might have in connection with the Subadvisory Agreement.

In addition, the Board considered other potential indirect benefits that the Subadvisor and its affiliates may receive from the Subadvisor's relationship with the fund, such as the opportunity to provide advisory services to additional funds in the John Hancock Fund Complex and reputational benefits.

<u>Subadvisory fees.</u> The Board considered that the fund pays an advisory fee to the Advisor and that, in turn, the Advisor pays subadvisory fees to the Subadvisor. As noted above, the Board also considered the fund's subadvisory fee as compared to similarly situated investment companies deemed to be comparable to the fund as included in the report prepared by the independent third party provider of fund data, to the extent available. The Board noted that the limited size of Broadridge peer group was not sufficient for comparative purposes. The Board also took into account the subadvisory fee paid by the Advisor to the Subadvisor with respect to the fund and compared them to fees charged by the Subadvisor to manage other subadvised portfolios and portfolios not subject to regulation under the 1940 Act, as applicable.

<u>Subadvisor performance</u>. As noted above, the Board considered the fund's performance as compared to the fund's peer group and the benchmark index and noted that the Board reviews information about the fund's performance results at its regularly scheduled meetings. The Board noted the Advisor's expertise and resources in monitoring the performance, investment style and risk-adjusted performance of the Subadvisor. The Board was mindful of the Advisor's focus on the Subadvisor's performance. The Board also noted the Subadvisor's long-term performance record for similar accounts, as applicable.

The Board's decision to approve the Subadvisory Agreement was based on a number of determinations, including the following:

- (1) the Subadvisor has extensive experience and demonstrated skills as a manager;
- (2) the fund's performance, based on net asset value, has generally been in line with or outperformed the histrorical performance of comparable funds and the fund's benchmark index; and
- (3) the subadvisory fees are reasonable in relation to the level and quality of services being provided.

Based on the Board's evaluation of all factors that the Board deemed to be material, including those factors described above, the Board, including the Independent Trustees, concluded that renewal of the Advisory Agreement and the Subadvisory Agreement would be in the best interest of the fund and its shareholders. Accordingly, the Board, and the Independent Trustees voting separately, approved the Advisory Agreement and Subadvisory Agreement for an additional one-year period.

Shareholder meeting

The fund held its Annual Meeting of Shareholders on February 3, 2016. The following proposal was considered by the shareholders:

Proposal: To elect (1) Trustee (James R. Boyle) to serve for a 1-year term ending at the 2017 Annual Meeting of Shareholders and to elect four (4) Trustees (Craig Bromley, Deborah C. Jackson, James M. Oates, and Steven R. Pruchansky) to serve for a three-year term ending at the 2019 Annual Meeting of Shareholders. Each Trustee was elected to continue to serve as Trustee by the fund's shareholders and the votes cast with respect to each Trustee are set forth below:

	Total votes for the nominee	Total votes withheld from the nominee	
Independent Trustees			
Deborah C. Jackson	10,991,576.700	200,319.000	
James M. Oates	10,972,158.700	219,637.000	
Steven R. Pruchansky	10,970,493.700	221,302.000	
Non-Independent Trustee	2		
James R. Boyle	10,973,054.700	218,741.000	
Craig Bromley	10,966,934.700	224,861.000	

Trustees whose term of office continued after the Annual Meeting of Shareholders because they were not up for election are: Charles L. Bardelis, Peter S. Burgess, William H. Cunningham, Grace K. Fey, Theron S. Hoffman, Hassell H. McClellan, Gregory A. Russo, and Warren A. Thomson.

More information

Trustees

James M. Oates, Chairperson

Steven R. Pruchansky, Vice Chairperson

Charles L. Bardelis* James R. Boyle

Craig Bromley

Peter S. Burgess*

William H. Cunningham

Grace K. Fey

Theron S. Hoffman*

Deborah C. Jackson Hassell H. McClellan

Gregory A. Russo

Warren A. Thomson

Officers

Andrew G. Arnott

President

John J. Danello

Senior Vice President, Secretary,

and Chief Legal Officer

Francis V. Knox, Jr.

Chief Compliance Officer

Charles A. Rizzo Chief Financial Officer

Salvatore Schiavone

Treasurer

*Member of the Audit Committee

Non-Independent Trustee

Investment advisor

John Hancock Advisers, LLC

Subadvisor

Wellington Management Company LLP

Custodian

State Street Bank and Trust Company

Transfer agent

Computershare Shareowner Services, LLC

Legal counsel

K&L Gates LLP

Stock symbol

Listed New York Stock Exchange: HEQ

The fund's proxy voting policies and procedures, as well as the fund proxy voting record for the most recent twelve-month period ended June 30, are available free of charge on the Securities and Exchange Commission (SEC) website at sec.gov or on our website.

The fund's complete list of portfolio holdings, for the first and third fiscal quarters, is filed with the SEC on Form N-Q. The fund's Form N-Q is available on our website and the SEC's website, sec.gov, and can be reviewed and copied (for a fee) at the SEC's Public Reference Room in Washington, DC. Call 800-SEC-0330 to receive information on the operation of the SEC's Public Reference Room.

We make this information on your fund, as well as **monthly portfolio holdings**, and other fund details available on our website at jhinvestments.com or by calling 800-852-0218.

You can also contact us:

Regular mail:

800-852-0218

jhinvestments.com Computershare P.O. Box 30170

College Station, TX 77842-3170

DOMESTIC EQUITY FUNDS

INCOME FUNDS

Balanced Bond

Blue Chip Growth California Tax-Free Income

Classic Value Core High Yield

Disciplined Value Emerging Markets Debt

Disciplined Value Mid Cap Floating Rate Income

Equity Income Focused High Yield

ESG All Cap Core Global Income

ESG Large Cap Core Government Income

Fundamental All Cap Core High Yield Municipal Bond

Fundamental Large Cap Core Income

Fundamental Large Cap Value Investment Grade Bond

New Opportunities Money Market

Small Cap Value Short Duration Credit Opportunities

Small Company Spectrum Income

Strategic Growth Strategic Income Opportunities

U.S. Equity Tax-Free Bond

U.S. Global Leaders Growth

ALTERNATIVE AND SPECIALTY FUNDS

Value Equity

GLOBAL AND INTERNATIONAL EQUITY FUNDS

Absolute Return Currency

Alternative Asset Allocation

Disciplined Value International Enduring Assets

Emerging Markets Financial Industries

Emerging Markets Equity Global Absolute Return Strategies

Global Equity Global Conservative Absolute Return

Global Shareholder Yield Global Focused Strategies

Greater China Opportunities Global Real Estate

International Core Natural Resources

International Growth Redwood

International Small Company Regional Bank

International Value Equity Seaport

Technical Opportunities

The fund's investment objectives, risks, charges, and expenses are included in the prospectus and should be considered carefully before investing. For a prospectus, contact your financial professional, call John Hancock Investments at 800-852-0218, or visit the fund's website at jhinvestments.com. Please read the prospectus carefully before investing or sending money.

ASSET ALLOCATION

Income Allocation Fund

Lifestyle Aggressive Portfolio

Lifestyle Balanced Portfolio

Lifestyle Conservative Portfolio

Lifestyle Growth Portfolio CLOSED-END FUNDS

Lifestyle Moderate Portfolio

Retirement Choices Portfolios Financial Opportunities

Retirement Living Portfolios Hedged Equity & Income

Retirement Living II Portfolios Income Securities Trust

EXCHANGE-TRADED FUNDS Investors Trust

Preferred Income

John Hancock Multifactor Consumer Discretionary ETF Preferred Income II

John Hancock Multifactor Consumer Staples ETF Preferred Income III

John Hancock Multifactor Energy ETF Premium Dividend

John Hancock Multifactor Financials ETF Tax-Advantaged Dividend Income

John Hancock Multifactor Healthcare ETF Tax-Advantaged Global Shareholder Yield

John Hancock Multifactor Industrials ETF

John Hancock Multifactor Large Cap ETF

John Hancock Multifactor Materials ETF

John Hancock Multifactor Mid Cap ETF

John Hancock Multifactor Technology ETF

John Hancock Multifactor Utilities ETF

John Hancock Multifactor ETF shares are bought and sold at market price (not NAV), and are not individually redeemed

from the fund. Brokerage commissions will reduce returns.

John Hancock ETFs are distributed by Foreside Fund Services, LLC, and are subadvised by Dimensional Fund Advisors LP.

Foreside is not affiliated with John Hancock Funds, LLC or Dimensional Fund Advisors LP.

Dimensional Fund Advisors LP receives compensation from John Hancock in connection with licensing rights to the John Hancock Dimensional indexes. Dimensional Fund Advisors LP does not sponsor, endorse, or sell, and makes no representation as to the advisability of investing in, John Hancock Multifactor ETFs.

John Hancock Investments

A trusted brand

John Hancock Investments is a premier asset manager representing one of America's most trusted brands, with a heritage of financial stewardship dating back to 1862. Helping our shareholders pursue their financial goals is at the core of everything we do. It's why we support the role of professional financial advice and operate with the highest standards of conduct and integrity.

A better way to invest

We build funds based on investor needs, then search the world to find proven portfolio teams with specialized expertise in those strategies. As a manager of managers, we apply vigorous oversight to ensure that they continue to meet our uncompromising standards and serve the best interests of our shareholders.

Results for investors

Our unique approach to asset management enables us to provide a diverse set of investments backed by some of the world's best managers, along with strong risk-adjusted returns across asset classes.

John Hancock Advisers, LLC 601 Congress Street n Boston, MA 02210-2805 800-852-0218 n jhinvestments.com MF303815 P15SA 6/16 8/16

ITEM 2. CODE OF ETHICS.

Not applicable at this time.

ITEM 3. AUDIT COMMITTEE FINANCIAL EXPERT.

Edgar Filing: John Hancock Hedged Equity & Income Fund - Form N-CSRS Not applicable at this time. ITEM 4. PRINCIPAL ACCOUNTANT FEES AND SERVICES. Not applicable at this time. ITEM 5. AUDIT COMMITTEE OF LISTED REGISTRANTS. Not applicable at this time. ITEM 6. SCHEDULE OF INVESTMENTS. (a) Not applicable. (b) Not applicable. ITEM 7. DISCLOSURE OF PROXY VOTING POLICIES AND PROCEDURES FOR CLOSED-END MANAGEMENT INVESTMENT COMPANIES. Not applicable. ITEM 8. PORTFOLIO MANAGERS OF CLOSED-END MANAGEMENT INVESTMENT COMPANIES. Not applicable. (a)

ITEM 9. PURCHASES OF EQUITY SECURITIES BY CLOSED-END MANAGEMENT INVESTMENT COMPANY AND AFFILIATED PURCHASERS.

(a) Not applicable.

(b)

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Period Total number of shares purchased	Average price per share	Total number of shares purchased as part of publicly announced plans*	dMaximum number of shares that may yet be purchased under the plans
Dec-15 -	-	-	1,251,720
Jan-16 73,000	\$13.302	73,000	I,178,720*
Feb-16 104,400	13.635	177,400	1,074,320
Mar-16 43,000	14.561	220,400	1,031,320
Apr-16 7,200	14.576	227,600	1,024,120
May-1627,000	14.941	254,600	997,120
Jun-16 47,933	14.906	302,533	949,187
Total 302.533	\$14.025		

^{*}On December 6, 2011, the Board of Trustees approved a share repurchase plan (the Repurchase Plan). Under the Repurchase Plan, the Fund was allowed to purchase, in the open market, up to 10% of its outstanding common shares between January 1, 2016 and December 31, 2016 (based on common shares outstanding as of December 31, 2015).

ITEM 10. SUBMISSION OF MATTERS TO A VOTE OF SECURITY HOLDERS.

There were no material changes to previously disclosed John Hancock Funds – Governance Committee Charter.

ITEM 11. 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-CSR, the registrant's principal executive officer and principal financial 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 most recent fiscal half-year (the registrant's second fiscal half-year in the case of an annual report) that have materially affected, or are reasonably likely to materially affect, the registrant's internal control over financial reporting.

ITEM 12. EXHIBITS.

(a) Separate certifications for the registrant's principal executive officer and principal financial officer, as required by Section 302 of the Sarbanes-Oxley Act of 2002 and Rule 30a-2(a) under the Investment Company Act of 1940, are attached.
(b) Separate certifications for the registrant's principal executive officer and principal financial officer, as required by 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, and Rule 30a-2(b) under the Investment Company Act of 1940, are attached. The certifications furnished pursuant to this paragraph are not deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, or otherwise subject to the liability of that section. Such certifications are not deemed to be incorporated by reference into any filing under th Securities Act of 1933 or the Securities Exchange Act of 1934, except to the extent that the Registrant specifically incorporates them by reference.
(c)(1) Submission of Matters to a Vote of Security Holders is attached. See attached "John Hancock Funds – Nominating, Governance and Administration Committee Charter."
(c)(2) Contact person at the registrant.
(c)(3) Registrant's notices to shareholders pursuant to Registrant's exemptive order granting an exemption from Section 19(b) of the Investment Company Act of 1940, as amended and Rule 19b-1 thereunder regarding distributions made pursuant to the Registrant's Managed Distribution Plan.
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 Hedged Equity & Income Fund

By:		
/s/ Andrew Arnott		
Andrew Arnott		
President		
Date: August 18, 2016		
Pursuant to the requirements of the Secur report has been signed below by the follo indicated.		
By:		
/s/ Andrew Arnott		
Andrew Arnott		
President		
Date: August 18, 2016		

By:		
/s/ Charles A. Rizzo		
Charles A. Rizzo		
Chief Financial Officer		
Date: August 18, 2016		