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

Table of contents

- 2 Your fund at a glance
- 4 Discussion of fund performance
- 8 Fund's investments
- 26 Financial statements
- 29 Financial highlights
- 30 Notes to financial statements
- 38 Additional information
- 39 Continuation of investment advisory and subadvisory agreements
- 44 Shareholder meeting
- 45 More information

SEMIANNUAL REPORT | JOHN HANCOCK HEDGED EQUITY & INCOME FUND

1

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.

SEMIANNUAL REPORT | JOHN HANCOCK HEDGED EQUITY & INCOME FUND

6

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	tuii (Coiiti	inaca)
World		
Department Store	343,000	\$44,896
China,		
Ltd. (I)		
Specialty re	tail 0.8%	
Honeys	tan 0.0 /c	
Company,	0.830	107,622
Ltd.	9,030	107,022
Nishimatsuy Chain	ya	
	4,700	66,653
Company,		
Ltd.		
Pal	4.500	106.005
Company,	4,500	106,095
Ltd.		
The Home	0.520	1.216.620
Depot,	9,528	1,216,630
Inc.		
Xebio		
Holdings	9,200	130,066
Company,	- ,	,
Ltd.		
Textiles, ap	parel and l	luxury
goods 0.1%		
Daphne		
International Holdings	¹ 506 000	77,241
Holdings,	500,000	77,211
Ltd. (I)		
Sanyo		
Shokai,	36,000	67,725
Ltd.		
Consumer		11,187,122
staples 5.5%	6	11,107,122
Beverages 1	.3%	
PepsiCo,	12.720	1 249 510
Inc.	12,729	1,348,510
The		
Coca-Cola	26,409	1,197,120
Company		
Food and staples retailing 0.3%		
Cawachi,	-	
Ltd.	4,700	112,222

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)
SEE NOTES TO FINANCIAL STATEMENTS
SEMIANNUAL REPORT | JOHN HANCOCK HEDGED EQUITY & INCOME FUND 9

-	Shares	Value
Energy (con		
Oil, gas and	consumable	e fuels
(continued)		
Indo		
Tambangray Megah	⁷⁸ 6.400	\$68,923
Micgan	, , , , , ,	Ψοσ,> Ξε
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.	173	3,203
Royal		
Dutch		
Shell PLC,	79,747	2,203,296
B Shares		
Statoil		
ASA	8,657	149,580
Suncor	66.240	1 020 050
Energy,	66,349	1,839,858
Inc.		
TOTAL	40,343	1,934,688
SA TransCanad		
TransCanad	^a 9,904	447,859
Corp.		27 202 021
Financials 1	0.3%	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
•	S TO FINA	NCIAL STATEMENTS
SEMIANNU	JAL REPOR	RT JOHN HANCOCK HEDGED EQUITY & INCOME FUND

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,	20,505	333,330
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.	07,.00	017,002
The		
Dai-ichi		
Life	10.000	011 574
Insurance	18,900	211,574
Company,		
Ltd.		
Tongyang		
Life		
Insurance	9,537	84,315
Company,		
Ltd.		
Torchmark	2,948	182,245
Corp.	2,> 10	102,2 15
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	t
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

SEMIANNUAL REPORT | JOHN HANCOCK HEDGED EQUITY & INCOME FUND

11

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

12

T 1 1	Shares	Value
Industrials		
(continued)		. 0.1%
	n and engine	eering 0.1%
Raubex		47.4.2 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
	10,700	727,311
Company Construction	n motoriole	0.40%
	ii iiiateriais	0.4%
Buzzi	12 494	210 770
Unicem	12,484	218,770
SpA		
LafargeHole	eum. 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	nt 35n,8 63	

25,943 1,591,326

Millicom			
International			
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	15 072	1 240 545	
Edison International	13,972	1,240,545	
NextEra			
Energy,	11,150	1,453,960	
Inc.			
PG&E	7.710	402 225	
Corp.	7,718	493,335	
Power			
Assets			
Holdings,	162,713	1,496,068	
Ltd.			
Gas utilities	0.7%		
Gas	0.7 70		
	65,195	1,295,921	
SDG SA	00,170	1,2,5,,,21	
UGI Corp.	4 150	187,788	
Independent			
renewable el	_	u	
producers 0.	-		
NTPC,			
Ltd.	78,616	181,698	
Multi-utilitie	s 2 5%		
Centrica			
PLC	379,242	1,146,824	
Dominion			
	21,005	1,636,920	
Inc.	21,003	1,030,920	
E.ON SE	80 026	816,933	
E.ON SE Engie SA	80,926 17,965	288,458	
National	17,903	200,430	
Grid PLC	60,769	893,628	
RWE	10,387	165,415	
AG (I)			
Preferred sec	curities	\$298,877	
0.1% (Cost \$100 884)			
(Cost \$190,884)			
Telecommunication 134,234			
services 0.09		•	
	9,800	134,234	

Telefonica
Brasil SA
SEE NOTES TO FINANCIAL STATEMENTS
SEMIANNUAL REPORT | JOHN HANCOCK HEDGED EQUITY & INCOME FUND 16

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	0 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)				

Edgar Filing: John Hancock Hedged Equity & Income Fund - Form N-CSRS

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 car	talog retail 0.2%			
Liberty				
Inter&d50	02-01-30		250,000	259,375
LLC				
Netflix Inc. 5.875	02 15 25		05.000	00 (21
Inc. 3.8/3	02-15-25		95,000	99,631
Media 1.4%				
Altice				
Finan cif(g)	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			
Holdfng25	12-15-21		360,000	342,138
I				
LLC (S)				
Charter				
Communication 4.908	ns 07-23-25		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

SEMIANNUAL REPORT | JOHN HANCOCK HEDGED EQUITY & INCOME FUND

17

Rate (%) Maturity date Par value^				Value
Consumer discretionary (continued)				
Media (continu	ied)			
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
Secuted 00	07-01-22	GBP	180,000	220,133
Issuer				
PLC (S)				
Party				
City 6.125	08-15-23		140,000	144,900
Troidings,				
Inc. (S)	las 0 407			607.252
Consumer stap	les 0.4%			697,353

Food and staples retailing 0.1%					
Aramark	02 15 20	64.000	65.000		
Servi 5 e\$50	03-15-20	64,000	65,920		
Inc.	0.20				
Food products	0.2%				
Aramark	01 15 24	25 000	25 500		
Servi 5 ek25	01-15-24	25,000	25,500		
Inc. Pinnacle					
Foods 5.875 Finance	01-15-24	35,000	36,619		
LLC (S) Post					
	10 15 00	40.000	41.000		
Holdings,0	12-15-22	40,000	41,000		
Inc. (S)					
Post	02 15 22	90,000	04.100		
Holding 7,5	02-15-22	80,000	84,100		
11101					
TreeHouse	02 15 22	100.000	102.000		
Food4,875	03-15-22	190,000	193,800		
Inc.					
TreeHouse	02 15 24	70.000	74.676		
Food6,000	02-15-24	70,000	74,676		
Inc. (S)	1				
Household prod	aucts 0.1%				
The					
Sun 7.750 Products	03-15-21	170,000	175,738		
Corp. (S)			4 401 170		
Energy 2.2%	nsumabla fuals 2 20%		4,401,170		
Anadarko	nsumable fuels 2.2%				
Petro4e500	07-15-44	100,000	01 003		
	07-13-44	100,000	91,903		
Corp. Anadarko					
Petro4e850	03-15-21	15,000	15,911		
Corp.	03-13-21	13,000	13,711		
Anadarko					
Petro 5e550	03-15-26	10,000	11,048		
Corp.	03-13-20	10,000	11,040		
Anadarko					
Petro be600	03-15-46	15,000	18,124		
Corp.	03 13 40	13,000	10,124		
Antero					
Reso t r6₴\$	06-01-23	25,000	24,250		
Corp.	00 01 23	23,000	21,230		
Antero					
Resofr000	12-01-20	185,000	187,005		
Corp.	12 01 20	100,000	107,000		
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	40,330
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.			

SEE NOTES TO FINANCIAL STATEMENTS

SEMIANNUAL REPORT | JOHN HANCOCK HEDGED EQUITY & INCOME FUND 18

Rate (%)	Maturity date Par	value^	Value
Energy (contin	ued)		
Oil, gas and con	nsumable fuels (con	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	45.000	
Petrolendo,	05-01-22	45,000	45,113
Inc.			
Matador	0.4.4.7.00	00.000	04.600
Reso 6 r 8 ₹ 5	04-15-23	80,000	81,600
Company			
MEG	01.20.22	20.000	1 4 000
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 5.625	05-20-43	205,000	146,124
rmance		•	•
BV	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
SEMIANNUAL REPORT | JOHN HANCOCK HEDGED EQUITY & INCOME FUND
                                                                          19
```

```
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 Holdings,	12-15-19		30,000	29,250
Holdings,	12 10 17		20,000	27,250
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				
Finan 250	12-15-20		125,000	125,313
Corp.			ĺ	•
_	ancial services 0.3%			
Credit				
Suisse				
Group				
AG				
(6.250%				
to				
12-18-24,				
	12-18-24		200.000	187,707
5	12 10 2 .		200,000	107,707
Year				
U.S.				
Swap				
Rate				
+				
3.455%) (Q)				
MSCI, 5,250				
Inc. (S)	11-15-24		150,000	153,375
Nationstar				
Mort gaze0	08-01-18		235 000	227,363
LLC	00-01-10		233,000	221,303
Insurance 0.1%				
CNO	,			
Financial 4.500 Group,	05-30-20		30,000	31,050
Inc.				
CNO				
Financial				
Group,	05-30-25		75,000	77,250
Inc.				
Nation & 75 de	06-20-19	GRE	120,000	149,326
Building	00-20-17	ODI	120,000	147,320
Society				
(6.875%				
to				
6-20-19,				
then				
11011				

```
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
SEE NOTES TO FINANCIAL STATEMENTS
SEMIANNUAL REPORT | JOHN HANCOCK HEDGED EQUITY & INCOME FUND
                                                                                          20
```

	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 9. 000	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			
Holdings	06-01-24	35,000	36,750
LLC (S)			
Tenet			
Health.000	03-01-19	195,000	188,663
Corp.		•	·
Tenet			
Healt h.7510	06-15-23	50,000	47,875
Corp.			
Tenet			
Healtadats	04-01-22	275,000	281,820
Corp.			
Vizient 10.375	03-01-24	80,000	85,800
inc. (5)	03 01 24	00,000	05,000
WellCare			
Health 5.750 Plans.	11-15-20	135,000	139,388
,		,	,
Inc.			
Health care tec	hnology 0.3%		
Change			
Healthcare	02-15-21	110,000	116,600
Holdings,			
Inc. (S) IMS			
Health,125	04-01-23	EUR 235,000	265 742
Inc. (S)	04-01-23	LCR255,000	203,742
Sterigenics-No	rdion		
Holding 00	05-15-23	250,000	253,125
LLC (S)			
Pharmaceutical	ls 0.5%		
Endo			
Finance 200	07-15-23	265,000	233,200
LLC (S)			
PRA			
HoldPngs0,0	10-01-23	150,000	166,500
Inc. (S)			

	9	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

SEE NOTES TO FINANCIAL STATEMENTS

SEMIANNUAL REPORT | JOHN HANCOCK HEDGED EQUITY & INCOME FUND 21

	Maturity date	Par valu	e^	Value	
Industrials (continued) Machinery (continued)					
Crown	ontinued)				
European 3.375 Holdings	05-15-25	EUR	170,000	\$187,523	
SA (S)	1 11 4 11	. 0.20			
	anies and distrib	utors 0.3%)		
Aircastle 5.000 Ltd. American	04-01-23		30,000	30,486	
Builders					
&					
	12-15-23		55,000	56,925	
Supply					
Company,					
Inc. (S)					
International					
Lease Finance	05-15-19		430,000	463,261	
Corp.	chnology 1.3%			2,683,489	
	ons equipment 0.	1%		2,003,409	
Alcatel-Lucen		1 /0			
USA6.450			271,000	282,518	
Inc.			_,_,		
Electronic equ	ipment, instrume	ents and co	omponent	s 0.2%	
_	09-01-23		-		
CDW LLC 5.000	09-01-23		35,000	35,245	
CDW LLC 5.500	12-01-24		105,000	108,413	
			,	,	
CDW LLC 6.000	08-15-22		290,000	303,050	
	are and services	0.2%			
Zayo	are and services	0.2 /0			
Group.000	04-01-23		190.000	193,800	
LLC				,	
Zayo					
Grou 6 .375	05-15-25		110,000	112,200	
LLC					
IT services 0.2	2%				
First					
Data 5.375	08-15-23		280,000	284,343	
Corp. (S)					
First					
Data 7.000	12-01-23		160,000	162,400	
Corp. (S)	,			C.	
Semiconducto	rs and semicond	uctor equi	pment 0.3	%	
Entegris 5,000					
Inc. (S)					