

JOHN HANCOCK PREFERRED INCOME FUND II
Form N-Q
June 27, 2006

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

FORM N-Q

**QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED
MANAGEMENT INVESTMENT COMPANIES**

Investment Company Act file number 811- 21202

John Hancock Preferred Income Fund II
(Exact name of registrant as specified in charter)

601 Congress Street, Boston, Massachusetts 02210
(Address of principal executive offices) (Zip code)
Alfred P. Ouellette, Senior Attorney and Assistant Secretary

601 Congress Street

Boston, Massachusetts 02210

(Name and address of agent for service)

Registrant's telephone number, including area code: 617-663-4324

Date of fiscal year end: July 31

Date of reporting period: April 30, 2006

ITEM 1. SCHEDULE OF INVESTMENTS

John Hancock

Preferred Income Fund II

Securities owned by the Fund on
April 30, 2006 (unaudited)

Issuer, description	Interest rate (%)	Maturity date	Credit rating (A)	Par value (\$000)	Value
Bonds 1.26%					\$9,427,165

Edgar Filing: JOHN HANCOCK PREFERRED INCOME FUND II - Form N-Q

(Cost \$9,990,100)

Electric Utilities 1.26% **9,427,165**

Black Hills Corp., Note	6.500	05-15-13	BBB-	5,000	4,920,855
Entergy Gulf States, Inc., 1st Mtg Bond	6.200	07-01-33	BBB+	5,000	4,506,310

Issuer, description			Credit rating (A)	Par value (\$000)	Value
Capital preferred securities 12.81%					\$95,945,790

(Cost \$91,773,049)

Asset Management & Custody Banks 0.66% **4,948,794**

BNY Capital, 7.97%, Ser B, 12-31-26			A-	4,700	4,948,794
--	--	--	----	-------	-----------

Diversified Banks 0.53% **3,940,000**

Lloyds TSB Bank Plc, 6.90%, 11-29-49 (United Kingdom)			A+	4,000	3,940,000
---	--	--	----	-------	-----------

Diversified Financial Services 1.67% **12,557,988**

JPM Capital Trust I, 7.54%, 01-15-27			A-	12,000	12,557,988
---	--	--	----	--------	------------

Electric Utilities 3.32% **24,863,375**

DPL Capital Trust II, 8.125%, 09-01-31			B+	22,150	24,863,375
---	--	--	----	--------	------------

Gas Utilities 2.90% **21,687,631**

KN Capital Trust I, 8.56%, Ser B, 04-15-27			BB+	10,000	10,591,020
KN Capital Trust III, 7.63%, 04-15-28			BB+	10,673	11,096,611

Integrated Telecommunication Services 1.32% **9,909,679**

TCI Communications Financing Trust III, 9.65%, 03-31-27			BBB-	9,243	9,909,679
---	--	--	------	-------	-----------

Multi-Utilities & Unregulated **14,530,799**

Power 1.94%

Dominion Resources Capital I, 7.83%, 12-01-27	BBB-	8,450	8,934,439
Dominion Resources Capital III, 8.40%, 01-15-31	BBB-	5,000	5,596,360

Regional Banks 0.47%**3,507,524**

Summit Capital Trust I, 8.40%, Ser B, 03-15-27	A	3,300	3,507,524
--	---	-------	-----------

Page 1

John Hancock

Preferred Income Fund II

Securities owned by the Fund on April 30, 2006 (unaudited)

Issuer	Shares	Value
Common stocks 5.18%		\$38,755,594

(Cost \$27,747,037)

Electric Utilities 1.28%**9,568,800**

FPL Group, Inc.	180,000	7,128,000
Scottish Power Plc, American Depositary Receipt (ADR) (United Kingdom)	60,000	2,440,800

Gas Utilities 2.17%**16,235,738**

ONEOK, Inc.	491,843	16,235,738
-------------	---------	------------

Multi-Utilities & Unregulated Power 1.73%**12,951,056**

Alliant Energy Corp.	220,000	7,031,200
CH Energy Group, Inc.	40,000	1,891,200
DTE Energy Co.	98,790	4,028,656

Issuer, description	Credit rating (A)	Shares	Value
Preferred stocks 80.55%			\$603,064,425

Edgar Filing: JOHN HANCOCK PREFERRED INCOME FUND II - Form N-Q

(Cost \$626,016,062)

Agricultural Products 1.64% **12,290,000**

Ocean Spray Cranberries, Inc., 6.25%, Ser A (S)	BB+	160,000	12,290,000
---	-----	---------	------------

Asset Management & Custody Banks 0.12% **892,000**

BNY Capital V, 5.95%, Ser F	A-	40,000	892,000
-----------------------------	----	--------	---------

Automobile Manufacturers 1.82% **13,653,134**

Ford Motor Co., 7.50%	BB-	40,000	680,800
General Motors Corp., 7.25%, Ser 04-15-41	B	87,900	1,393,215
General Motors Corp., 7.25%, Ser 07-15-41	B	210,500	3,319,585
General Motors Corp., 7.25%, Ser 02-15-52	B	447,300	7,080,759
General Motors Corp., 7.375%, Ser 10-01-51	B	73,125	1,178,775

Consumer Finance 2.50% **18,688,117**

CIT Group, Inc., 6.35%, Ser A	BBB+	60,000	1,506,600
Ford Motor Credit Co., 7.375%	BBB-	24,800	497,488
Ford Motor Credit Co., 7.60%	Ba2	100,000	2,037,000
HSBC Finance Corp., 6.00%	A	72,200	1,636,052
HSBC Finance Corp., 6.36%, Depository Shares, Ser B	BBB+	143,200	3,584,296
HSBC Finance Corp., 6.875%	A	349,100	8,678,626
SLM Corp., 6.00%	A	33,500	748,055

Diversified Banks 8.85% **66,260,967**

BAC Capital Trust IV, 5.875%	A	51,150	1,126,834
Comerica Capital Trust I, 7.60%	BBB+	120,400	3,032,876
Fleet Capital Trust VII, 7.20%	A	459,900	11,612,475
Fleet Capital Trust VIII, 7.20%	A	310,000	7,833,700

Page 2

John Hancock

Preferred Income Fund II

Securities owned by the Fund on

April 30, 2006 (unaudited)

HSBC Holdings Plc, 6.20%, Ser A (United Kingdom)	A-	249,600	5,798,208
--	----	---------	-----------

Edgar Filing: JOHN HANCOCK PREFERRED INCOME FUND II - Form N-Q

Republic New York Corp., 6.25%, Ser HSBC	A	50,000	1,170,000
Royal Bank of Scotland Group Plc, 5.75%, Ser L (United Kingdom)	A	450,500	9,929,020
Santander Finance Preferred SA, Unipersonal, 6.41%, Ser 1 (Spain)	BBB+	225,000	5,467,500
USB Capital III, 7.75%	A	134,300	3,357,500
USB Capital IV, 7.35%	A	152,800	3,827,640
USB Capital V, 7.25%	A	252,000	6,360,480
USB Capital VIII, 6.35%, Ser 1	A	78,000	1,835,340
Wells Fargo Capital Trust IV, 7.00%	A	140,800	3,545,344
Wells Fargo Capital Trust VI, 6.95%	A-	50,000	1,253,000
Wells Fargo Capital Trust VII, 5.85%	A	5,000	111,050

Diversified Financial Services 5.62%

42,087,429

ABN AMRO Capital Funding Trust V, 5.90%	A	373,600	8,357,432
ABN AMRO Capital Funding Trust VII, 6.08%	A	336,000	7,785,120
Citigroup Capital IX, 6.00%	A	40,000	925,600
Citigroup Capital VII, 7.125%	A	113,700	2,876,610
Citigroup Capital VIII, 6.95%	A	529,000	13,209,130
General Electric Capital Corp., 6.10%	AAA	22,863	546,197
JPMorgan Chase Capital IX, 7.50%, Ser I	A-	73,800	1,845,000
JPMorgan Chase Capital X, 7.00%, Ser J	A1	259,000	6,542,340

Electric Utilities 13.47%

100,857,395

Boston Edison Co., 4.78%	BBB+	15,143	1,258,535
Cleveland Electric Financing Trust I, 9.00%	BB	210,000	5,386,500
Entergy Mississippi, Inc., 7.25%	A-	109,000	2,765,330
FPC Capital I, 7.10%, Ser A	BB+	564,603	14,171,535
FPL Group Capital Trust I, 5.875%	BBB+	441,800	9,896,320
Georgia Power Capital Trust V, 7.125%	BBB+	232,300	5,849,314
Georgia Power Capital Trust VII, 5.875%	BBB+	116,500	2,580,475
Great Plains Energy, Inc., 8.00%, Conv	BBB-	559,100	13,278,625
HECO Capital Trust III, 6.50%	BBB-	120,000	2,977,200
Interstate Power & Light Co., 8.375%, Ser B	Baa3	700,000	22,260,000
Northern States Power Co., 8.00%	BBB-	175,800	4,500,480
NVP Capital III, 7.75%	CCC+	108,500	2,755,900
PPL Electrical Utilities Corp., 6.25%, Depository Shares	BBB	130,000	3,250,000
Southern California Edison Co., 6.125%	BBB-	10,000	1,012,813
Southern Co. Capital Trust VI, 7.125%	BBB+	37,100	933,436
Virginia Power Capital Trust, 7.375%	BB+	318,219	7,980,932

Gas Utilities 2.02%

15,096,288

AGL Capital Trust II, 8.00%	BBB	41,000	1,022,950
Southern Union Co., 7.55%	BB+	229,500	5,921,100

Edgar Filing: JOHN HANCOCK PREFERRED INCOME FUND II - Form N-Q

Southwest Gas Capital II, 7.70%	BB	257,900	6,736,348
Vectren Utility Holdings, Inc., 7.25%	A-	56,500	1,415,890

Hotels, Resorts & Cruise Lines 0.42% **3,126,250**

Hilton Hotels Corp., 8.00%	BBB-	125,000	3,126,250
----------------------------	------	---------	-----------

Page 3

John Hancock

Preferred Income Fund II

Securities owned by the Fund on

April 30, 2006 (unaudited)

Integrated Telecommunication Services 2.99% **22,370,618**

Telephone & Data Systems, Inc., 6.625%	A-	155,000	3,541,750
Telephone & Data Systems, Inc., 7.60%, Ser A	A-	605,967	15,094,638
Verizon New England, Inc., 7.00%, Ser B	A3	150,150	3,734,230

Investment Banking & Brokerage 8.98% **67,245,885**

Bear Stearns Cos., Inc. (The), 6.15%, Depository Shares, Ser E	BBB	248,600	12,579,160
Goldman Sachs Group, Inc., 6.20%	A-	140,000	3,456,600
Lehman Brothers Holdings Capital Trust III, 6.375%, Ser K	BBB+	177,000	4,171,890
Lehman Brothers Holdings Capital Trust V, 6.00%, Ser M	A-	50,000	1,107,500
Lehman Brothers Holdings, Inc., 5.94%, Depository Shares, Ser C	A-	145,200	7,165,620
Merrill Lynch Preferred Capital Trust III, 7.00%	A-	360,400	9,074,872
Merrill Lynch Preferred Capital Trust IV, 7.12%	A-	167,400	4,236,894
Merrill Lynch Preferred Capital Trust V, 7.28%	A-	273,200	6,928,352
Morgan Stanley Capital Trust II, 7.25%	A-	35,000	874,650
Morgan Stanley Capital Trust III, 6.25%	A-	248,779	5,761,722
Morgan Stanley Capital Trust IV, 6.25%	A-	57,000	1,309,860
Morgan Stanley Capital Trust V, 5.75%	A1	311,500	6,700,365
Morgan Stanley Capital Trust VI, 6.60%	A-	160,000	3,878,400

Life & Health Insurance 1.28% **9,613,353**

PLC Capital Trust IV, 7.25%	BBB+	331,075	8,316,604
Prudential Plc, 6.50% (United Kingdom)	A	53,807	1,296,749

Multi-Line Insurance 6.60% **49,396,241**

AEGON NV, 6.375% (Netherlands)	A-	355,000	8,495,150
AEGON NV, 6.50% (Netherlands)	A-	40,000	966,400
ING Groep NV, 7.05% (Netherlands)	A	774,700	19,630,898
MetLife, Inc., 6.375%, Ser B, Conv	BBB+	8,390	235,088
MetLife, Inc., 6.50%, Ser B	BBB	799,550	20,068,705

Multi-Utilities & Unregulated Power 10.93% **81,847,974**

Baltimore Gas & Electric Co., 6.99%, Ser 1995	Baa1	39,870	4,151,464
BGE Capital Trust II, 6.20%	BBB-	645,000	15,067,200
Consumers Energy Co. Financing IV, 9.00%	Ba2	217,000	5,490,100
Dominion CNG Capital Trust I, 7.80%	BB+	150,000	3,759,000
DTE Energy Trust I, 7.80%	BB+	253,000	6,375,600
Energy East Capital Trust I, 8.25%	BBB-	424,800	10,649,736
PNM Resources, Inc., 6.75%, Conv	BBB-	90,000	4,375,800
PSEG Funding Trust II, 8.75%	BB+	680,000	17,795,600
Public Service Electric & Gas Co., 4.18%, Ser B	BB+	7,900	635,950
Puget Sound Energy Capital Trust II, 8.40%	BB	232,060	5,861,836
South Carolina Electric & Gas Co., 6.52%	Baa1	15,000	1,511,250
TECO Capital Trust I, 8.50%	B	245,212	6,174,438

Page 4

John Hancock

Preferred Income Fund II

Securities owned by the Fund on

April 30, 2006 (unaudited)

Oil & Gas Exploration & Production**4.40%****32,937,116**

Apache Corp., 5.68%, Depository Shares, Ser B	BBB	25,000	2,508,595
Devon Energy Corp., 6.49%, Ser A	BB+	32,355	3,281,001
Nexen, Inc., 7.35% (Canada)	BB+	1,068,800	27,147,520

Real Estate Management &**Development 4.47%****33,447,308**

Duke Realty Corp., 6.50%, Depository Shares, Ser K	BBB	110,000	2,582,800
Duke Realty Corp., 6.60%, Depository Shares, Ser L	BBB	109,840	2,610,897
Duke Realty Corp., 6.625%, Depository Shares, Ser J	BBB	449,400	10,704,708

Edgar Filing: JOHN HANCOCK PREFERRED INCOME FUND II - Form N-Q

Duke Realty Corp., 7.99%, Depository Shares, Ser B	BBB	10,650	550,805
Kimco Realty Co., 6.65%, Depository Shares, Ser F	BBB+	37,030	895,756
Public Storage, Inc., 6.45%, Depository Shares, Ser X	BBB+	30,000	671,700
Public Storage, Inc., 7.50%, Depository Shares, Ser V	BBB+	307,100	7,745,062
Public Storage, Inc., 8.00%, Depository Shares, Ser R	BBB+	304,500	7,685,580
Regional Banks 2.38%			17,793,125
PFGI Capital Corp., 7.75%	A-	686,000	17,793,125
Reinsurance 0.11%			828,000
RenaissanceRe Holdings Ltd., 6.08%, Ser C (Bermuda)	BBB	40,000	828,000
Thrifts & Mortgage Finance .40%			10,480,960
Abbey National Plc, 7.25% (United Kingdom)	A-	275,620	6,887,744
Abbey National Plc, 7.375% (United Kingdom)	A-	140,800	3,593,216
Wireless Telecommunication Services 0.55%			4,152,265
United States Cellular, 7.50%	A-	165,100	4,152,265
Issuer, description	Maturity date	Credit rating (A)	Par value (\$000)
Short-term investments 0.20%			Value
			\$1,500,000
(Cost \$1,499,613)			
Government U.S. Agency 0.20%			1,500,000
Federal Home Loan Bank, Disc Note	05-01-06	AAA	1,500
			1,500,000
Total investments 100.00%			\$748,692,974

John Hancock

Preferred Income Fund II

Financial futures contracts

April 30, 2006 (unaudited)

Open contracts	Number of contracts	Position	Expiration	Appreciation
U.S. 10-year Treasury Note	360	Short	June 2006	\$635,917

Financial futures contracts

John Hancock

Preferred Income Fund II

Interest rate swap contracts

April 30, 2006 (unaudited)

Notional amount	Rate type		Termination date	Appreciation (depreciation)
	Payments made by Fund	Payments received by Fund		
\$63,500,000	2.56% (a)	3-month LIBOR	June 2008	\$3,406,203

(a) Fixed rate

Interest rate swap contracts

John Hancock

Preferred Income Fund II

Footnotes to Schedule of Investments

April 30, 2006 (unaudited)

(A) Credit ratings are unaudited and are rated by Moody's Investors Service where Standard & Poor's ratings are not available.

(S) This security is exempt from registration under Rule 144A of the Securities Act of 1933. Such security may be resold, normally to qualified institutional buyers, in transactions exempt from registration. Rule 144A securities amounted to \$12,290,000 or 1.64% of the Fund's net assets as of April 30, 2006.

Parenthetical disclosure of a foreign country in the security description represents country of a foreign issuer; however, security is U.S. dollar-denominated.

The percentage shown for each investment category is the total value of that category as a percentage of the total investments of the Fund.

Edgar Filing: JOHN HANCOCK PREFERRED INCOME FUND II - Form N-Q

The cost of investments owned on April 30, 2006, including short-term investments, was \$757,025,861. Gross unrealized appreciation and depreciation of investments aggregated \$24,153,484 and \$32,486,371, respectively, resulting in net unrealized depreciation of \$8,332,887.

Footnotes to Schedule of Investments - Page 1

ITEM 2. CONTROLS AND PROCEDURES.

(a) Based upon their evaluation of the registrant's disclosure controls and procedures as conducted within 90 days of the filing date of this Form N-Q, the registrant's principal executive officer and principal 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 last fiscal quarter that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

ITEM 3. EXHIBITS.

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

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

John Hancock Preferred Income Fund II

By: /s/ Keith F. Hartstein

Keith F. Hartstein
President and Chief Executive Officer
Date: June 27, 2006

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By: /s/ Keith F. Hartstein

Keith F. Hartstein
President and Chief Executive Officer
Date: June 27, 2006

By: /s/ John G. Vrysen

John G. Vrysen
Executive Vice President and Chief Financial Officer
Date: June 27, 2006

