HANCOCK JOHN PATRIOT PREMIUM DIVIDEND FUND II
Form N-CSR
January 11, 2008

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- 05908

John Hancock Patriot Premium Dividend 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 Counsel 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: October 31

Date of reporting period: October 31, 2007

ITEM 1. REPORT TO SHAREHOLDERS.

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CEO corner

To Our Shareholders,

Volatility returned to the U.S. stock market in the 12-month period ended October 31, 2007; however, stocks still posted a strong gain of 14.56%, as measured by the Standard & Poor's 500 Index. The market experienced a particularly sharp downturn in August, as the subprime mortgage market's woes increased. Rising defaults and an ensuing credit crunch caused heightened fears about their potential impact on U.S. economic growth. Foreign markets felt some ripple effects from the subprime issue, but they continued nonetheless to benefit from solid economic growth and outperformed the U.S. market in this period.

During this period of volatility, the U.S. stock market also passed a signifi-cant milestone - the broad Standard & Poor's 500 Index climbed beyond the record it had set seven years ago. From its peak in March 2000, the stock market spiraled downward three consecutive years, bottoming in 2002. The upturn began in 2003, and the market has advanced each year since, finally setting a new high for the first time on May 30, 2007. During that period, the S&P 500 Index experienced five significant short-term sell-offs of 6% or more, with the August subprime-induced meltdown being the most recent.

This nearly complete market cycle highlights the importance of two investment principles you have heard us speak of often: diversification and patience. By allocating your investments among different asset classes, investment styles and portfolio managers, you are likely to be well represented through all phases of a complete market cycle, with the winners helping to cushion the fall of the losers.

The challenge for investors with a diversified portfolio is to properly evaluate your investments to tell the difference between an underperforming manager and an out-of-favor style, while also understanding the role each investment plays in your portfolio. That's where your financial professional can provide true value. He or she can help you make those assessments and also counsel patience, because a properly diversified portfolio by its very nature will typically have something lagging or out of favor - a concept that can be difficult to live with, but necessary to embrace. If everything in your portfolio is "working," then you are not truly diversified, but rather are leveraged to the current market and the flavor of the day. If so, you are bound to be out of step in the near future.

The recent volatility in the securities markets has prompted many investors to question how long this type of market cycle will last. History tells us it will indeed end and that when it does, today's leaders may well turn into laggards and vice versa. The subprime mortgage market woes are just the latest example of why investors should be both patient and well-diversified. For with patience and a diversified portfolio, it could be easier to weather the market's twists and turns and reach your long-term goals.

Sincerely,

Keith F. Hartstein,
President and Chief Executive Officer

This commentary reflects the CEO's views as of October 31, 2007. They are subject to change at any time.

Your fund at a glance

The Fund seeks to provide high current income, consistent with modest growth of capital, for holders of its common shares by investing at least 80% of its assets in dividend-paying securities.

Over the last twelve months

 Amid increasingly volatile market conditions, preferred stocks struggled while utility common stocks fared reasonably well.

 The Fund's performance was helped by its energy-related holdings, which were bolstered by rising energy prices.

 Detracting from the Fund's returns were investment bank and brokerage companies, amid concerns over their exposure to the subprime mortgage meltdown.

John Hancock Patriot Premium Dividend Fund II

Fund performance for the year ended October 31, 2007.

The total returns for the Fund include the reinvestment of all distributions. The performance data contained within this material represents past performance, which does not guarantee future results.

Top 10 issuers

Bank of America Corp.	3.7%	PPL Electric Utilities Corp.	2.7%
Lehman Brothers Holdings, Inc.	3.5%	Southern California Edison Co.	2.6%
Bear Stearns Cos., Inc. (The)	3.2%	Energy East Corp.	2.6%
NSTAR Electric Co.	3.0%	DTE Energy Co.	2.6%
CH Energy Group, Inc.	2.7%	Devon Energy Corp.	2.6%

As a percentage of the Fund's total investments on October 31, 2007.

Managers' report

John Hancock
Patriot Premium Dividend Fund II

During the Fund's fiscal year, shareholders of Patriot Premium Dividend Fund I, Patriot Preferred Dividend Fund, Patriot Global Dividend Fund and Patriot Select Dividend Trust voted to merge their funds into Patriot Premium Dividend Fund II.

Preferred stocks -- the primary focus of John Hancock Patriot Premium Dividend Fund II -- struggled during the 12-month period ended October 31, 2007, while utility common stocks -- the secondary area of emphasis -- emerged from increasingly volatile market conditions with relatively good gains.

Both groups began the period on a solid note, bolstered by optimism that the Federal Reserve Board might cut interest rates amid signs of a slowing economy and contained inflation. Because preferreds and utility common stocks tend to make fixed-income payments in the form of dividends, their prices are influenced by expectations for interest rates and inflation. In the early months of 2007, preferreds and utility common stocks continued to reap the benefits of a generally benign interest rate outlook, as well as healthy investor demand for securities that offered a yield advantage over U.S. Treasury securities.

But preferreds began to show signs of weakening in the spring as supply pressures mounted. Companies rushed to issue new preferred stocks, acting as a drag on the prices of existing preferred shares. Meanwhile, utility common stocks continued to fare well, supported in part by ongoing

SCORECARD

INVESTMENT		PERIOD'S PERFORMANCE... AND WHAT'S BEHIND THE NUMBERS
BP		Rising energy prices buoy stock
Dominion Resources		Rising demand for electricity boosts financial results
Bear Stearns		Worries over subprime mortgage-related holdings spook investors

Portfolio Managers, MFC Global Investment Management (U.S.), LLC

Gregory K. Phelps and Mark T. Maloney

merger and acquisition activity. But in the late spring, both segments came under significant pressure amid a bout of profit taking, as investors seemingly concluded that the Fed wasn't going to be cutting rates anytime soon and that interest rate hikes were still a possibility as inflation pressures mounted.

Preferred and utility common stocks posted disappointing results in the summer amid escalating uncertainty about the direction of the economy, inflation and interest rates. Rising gold, oil and commodity prices fanned inflation concerns. In addition, deepening worries about the subprime mortgage meltdown prompted leveraged investors to indiscriminately sell other income-oriented investments - including preferred and utility common stocks - to cover losses stemming from their sub-prime holdings. By August, parts of U.S. credit markets froze as problems with subprime mortgages spread to the broader market, prompting further selling of fixed-income securities by leveraged investors. In the final weeks of the period, utilities enjoyed a resurgence as the Fed and other central banks began to inject cash into the global financial system, sparking a stock market rally.

Preferreds, on the other hand, remained hamstrung by difficult conditions for fixed-income securities and a glut of new supply.

"Preferred stocks □ struggled during the 12-month period ended October 31, 2007□"

Performance

For the 12 months ended October 31, 2007, John Hancock Patriot Premium Dividend Fund II returned 3.32% at net asset value (NAV) and -0.83% at market value. The difference in the Fund's NAV performance and its market performance stems from the fact that the market share price is subject to the dynamics of secondary market trading, which could cause it to trade at a discount or premium to the Fund's NAV share price at any time. The Fund's yield at closing market price on

October 31, 2007 was 5.44% . The broad stock market, as measured by the Standard & Poor's 500 Index, returned 14.56% . By comparison, the average closed-end specialty-utilities fund returned 17.20% at NAV, according to Morningstar, Inc. For the same one-year period, the Lehman Brothers Aggregate Bond Index gained 5.38%, the Merrill Lynch Preferred Stock DRD Index rose 0.49% and the S&P 400 Mid-Cap Utilities Index returned 11.89% .

INDUSTRY DISTRIBUTION[1]

Multi-utilities	34%
Electric utilities	24%
Investment banking & brokerage	8%
Oil & gas exploration & production	7%
Other diversified financial services	4%
Gas utilities	3%
Integrated telecommunication services	3%
Life & health insurance	3%
Diversified banks	3%
Consumer finance	2%
Agricultural products	2%
Other	7%

Leaders and laggards

Among our best performers were energy-related holdings which, as a group, posted very strong gains for the period. For example, our stakes in oil and gas companies BP Plc and Total SA were particular standouts, buoyed in large measure by rising energy prices and the decline in the value of the U.S. dollar. National Fuel Gas Co., which owns a large oil and natural gas exploration and production arm, was another winner. It enjoyed strong financial results thanks in large part to robust pricing conditions for natural gas as well as to investors' excitement over the company's plans to explore for gas in the Devonian black shales region in Pennsylvania and New York.

Many of our utility common stock holdings also topped our best-performers list. For example, our stake in Dominion Resources, Inc. worked in our favor. The company's financial results were boosted by rising demand for electricity in its service area. We also enjoyed good results from Energy East Corp., which was the target of a takeover bid from a large Spanish utility. Telecommunications holdings AT&T, Inc. and Verizon Communications, Inc. also posted comparatively good results, as investors cheered the companies' growing dividend payouts and the fact that they were realizing the benefits of prior mergers and acquisitions.

Among our laggards were investment bank and brokerage company preferred stocks, namely Bear Stearns Cos., Inc. and Lehman Brothers Holdings, Inc. They, like most of their financial stock brethren, came under severe pressure during the year amid growing worries about their exposure to the sub-prime mortgage meltdown. Although we believe there's likely to be more negative news surrounding the subprime mortgage

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issue and resulting credit contagion, we maintained our stake in these and other financial companies due to their investment-grade rating and their dividends-received deduction (DRD) status, which gives them special tax advantages.

"Among our best performers during the period were energy-related holdings which, as a group, posted very strong gains for the period."

Outlook

We remain cautiously optimistic about the environment for preferred and utility stocks. Our view is that the housing market isn't likely to recover soon and, given the potential for declining house prices to eat away at consumer spending, the economy could slow in the months to come. That's why we believe the Fed will cut interest rates on at least one more occasion in the not-so-distant future. We also think there will be a reduction in both the indiscriminate panic selling of high-quality fixed-income investments, and the outsized new issuance of preferred stocks, which plagued them in the summer. There are also other trends we believe are cause for optimism. In particular, we believe longer-term demand for income-producing investments will continue to expand as the U.S. population ages.

This commentary reflects the views of the portfolio managers through the end of the Fund's period discussed in this report. The managers' statements reflect their own opinions. As such, they are in no way guarantees of future events, and are not intended to be used as investment advice or a recommendation regarding any specific security. They are also subject to change at any time as market and other conditions warrant.

The Fund normally will invest at least 25% of its managed assets in securities of companies in the utilities industry. Such an investment concentration makes the Fund more susceptible to factors adversely affecting the utilities industry than a more broadly diversified fund. Sector investing is subject to greater risks than the market as a whole.

1 As a percentage of the Fund's total investments on October 31, 2007.

F I N A N C I A L S T A T E M E N T S

Fund's investments

Securities owned by the Fund on 10-31-07

This schedule is divided into three main categories: common stocks, preferred stocks and short-term investments. Common stocks and preferred stocks are further broken down by industry group. Short-term investments, which represent the Fund's cash position, are listed last.

Issuer	Shares	Value
Common stocks 51.43%		**$364,734,310**
(Cost $308,312,690)		
Electric Utilities 5.40%		**38,309,351**
Duke Energy Corp.	528,260	10,126,744
Great Plains Energy, Inc.	79,070	2,359,449
Pinnacle West Capital Corp.	235,000	9,494,000
Progress Energy, Inc.	303,500	14,568,000
Progress Energy, Inc. (Contingent Value Obligation) (B)(I)	337,750	111,458
Southern Co.	45,000	1,649,700
Gas Utilities 1.28%		**9,074,903**
National Fuel Gas Co.	187,150	9,074,903
Industrial Conglomerates 0.76%		**5,350,800**
General Electric Co.	130,000	5,350,800
Integrated Oil & Gas 1.97%		**13,981,780**
BP Plc, ADR (United Kingdom) (F)	140,000	10,918,600
Total SA, ADR (France) (F)	38,000	3,063,180
Integrated Telecommunication Services 3.10%		**21,998,296**
AT&T, Inc.	380,000	15,880,200
Verizon Communications, Inc.	132,800	6,118,096
Multi-Utilities 37.20%		**263,815,711**
Alliant Energy Corp.	617,900	24,716,000
Ameren Corp.	165,400	8,941,524
CH Energy Group, Inc.	614,750	28,733,415
Consolidated Edison, Inc.	185,000	8,711,650
Dominion Resources, Inc.	247,200	22,650,936
DTE Energy Co.	550,000	27,280,000
Energy East Corp.	986,900	27,514,772
Integrys Energy Group, Inc.	397,638	21,396,901
NiSource, Inc.	492,000	10,061,400
NSTAR	899,000	31,608,840
OGE Energy Corp.	313,724	12,015,629
SCANA Corp.	120,300	4,882,977

TECO Energy, Inc.	661,500	11,133,045
Vectren Corp.	129,300	3,625,572
Xcel Energy, Inc.	911,000	20,543,050

See notes to financial statements

F I N A N C I A L S T A T E M E N T S

Issuer	Shares	Value
Oil & Gas Storage & Transportation 0.80%		**$5,683,255**
Spectra Energy Corp.	218,755	5,683,255
Other Diversified Financial Services 0.92%		**6,520,214**
Bank of America Corp.	135,050	6,520,214

Issuer, description	Credit rating (A)	Shares	Value
Preferred stocks 97.18%			**$689,217,276**
(Cost $697,411,249)			
Agricultural Products 2.82%			**19,993,300**
Ocean Spray Cranberries, Inc., 6.25%, Ser A (S)	BB+	224,250	19,993,300
Broadcasting & Cable TV 0.15%			**1,055,595**
Comcast Corp., 7.00%	BBB+	42,530	1,055,595
Consumer Finance 2.93%			**20,766,979**
HSBC Finance Corp., 6.36%, Depositary Shares, Ser B	A	35,600	875,404
SLM Corp., 6.97%, Ser A	BBB-	445,500	19,891,575
Diversified Banks 3.95%			**27,988,384**
HSBC Holdings Plc, 6.20%, Ser A (United Kingdom) (F)	A	25,000	563,000
HSBC USA, Inc., $2.8575 (G)	AA-	494,950	23,927,764
Royal Bank of Scotland Group Plc, 5.75%, Ser L (United Kingdom) (F)	A	166,000	3,497,620
Electric Utilities 31.06%			**220,283,989**
Alabama Power Co., 5.20%	BBB+	1,213,875	26,863,054
Carolina Power & Light Co., $4.20	Baa2	41,151	3,333,231
Carolina Power & Light Co., $5.44	BBB-	11,382	1,041,453

Central Illinois Light Co., 4.64%	Ba1	7,460	632,469
Central Maine Power Co., 4.75% (G)	Baa2	11,015	922,506
Connecticut Light & Power Co., 3.90%, Ser 1949	Baa3	27,255	958,185
Duquesne Light Co., 6.50%	BB	519,900	26,433,692
Entergy Arkansas, Inc., 6.45%	BB+	350,000	9,012,500
Entergy Mississippi, Inc., 6.25%	BB+	667,000	16,779,252
FPC Capital I, 7.10%, Ser A	BBB-	209,500	5,247,975
FPL Group Capital Trust I, 5.875%	BBB+	10,000	227,000
Georgia Power Co., 6.00%, Ser R	A	268,700	6,518,662
Great Plains Energy, Inc., 4.50%	BB+	12,510	1,057,095
HECO Capital Trust III, 6.50%	BB+	173,300	4,117,608
Interstate Power & Light Co., 7.10%, Ser C	BBB-	184,600	4,764,988
Interstate Power & Light Co., 8.375%, Ser B	Baa2	132,800	3,997,280
Massachusetts Electric Co., 4.76%	BBB	6,166	563,997
NSTAR Electric Co., 4.25%	A-	122,309	9,356,638
NSTAR Electric Co., 4.78%	A-	112,280	9,712,220
PPL Electric Utilities Corp., 4.40%	BBB	29,790	2,413,884
PPL Electric Utilities Corp., 4.60%	BBB	3,917	365,383
PPL Electric Utilities Corp., 6.25%, Depositary Shares	BBB	1,000,000	25,593,800
PPL Energy Supply, LLC, 7.00%	BBB	277,500	6,979,125

See notes to financial statements

F I N A N C I A L S T A T E M E N T S

Issuer, description	Credit rating (A)	Shares	Value
Electric Utilities (continued)			
Public Service Electric & Gas Co., 4.30%, Ser C	BB+	8,280	$658,260
Southern California Edison Co., 6.00%, Ser C	BBB-	80,000	7,640,000
Southern California Edison Co., 6.125%	BBB-	195,000	20,304,375
Union Electric Co., $3.70	BB	12,262	854,508
Virginia Electric & Power Co., $6.98	BB+	45,500	4,676,549
Virginia Electric & Power Co., $7.05	BB+	30,200	3,084,175
Westar Energy, Inc., 6.10%	AAA	450,000	11,115,000
Wisconsin Public Service Corp., 6.76%	BBB+	49,478	5,059,125
Gas Utilities 3.82%			**27,134,361**
Southern Union Co., 7.55%, Ser A	BB	997,200	25,318,908
Southwest Gas Capital II, 7.70%	BB	72,300	1,815,453

Integrated Telecommunication Services 1.01%			**7,152,310**
AT&T, Inc., 6.375%	A	100,000	2,409,000
Telephone & Data Systems, Inc., 6.625%	BB+	235,400	4,743,310
Investment Banking & Brokerage 12.34%			**87,507,821**
Bear Stearns Cos., Inc. (The),			
5.49%, Depositary Shares, Ser G	A-	272,050	10,446,720
Bear Stearns Cos., Inc. (The),			
5.72%, Depositary Shares, Ser F	A-	328,760	13,308,205
Bear Stearns Cos., Inc. (The),			
6.15%, Depositary Shares, Ser E	A-	207,600	9,634,716
Goldman Sachs Group, Inc., 6.20%, Ser B	A	129,500	3,113,180
Lehman Brothers Holdings, Inc.,			
5.67%, Depositary Shares, Ser D	A-	546,100	24,028,400
Lehman Brothers Holdings, Inc.,			
5.94%, Depositary Shares, Ser C	A-	287,000	13,202,000
Merrill Lynch & Co., Inc.,			
6.375%, Depositary Shares, Ser 3	A-	508,550	12,205,200
Morgan Stanley Capital Trust			
III, 6.25%	A	70,000	1,569,400
Life & Health Insurance 4.09%			**28,999,458**
MetLife, Inc., 6.50%, Ser B	BBB	1,035,000	25,730,100
Prudential Plc, 6.75% (United Kingdom) (F)	A-	134,100	3,269,358
Movies & Entertainment 0.60%			**4,268,664**
Viacom, Inc., 6.85%	BBB	176,100	4,268,664
Multi-Utilities 13.43%			**95,255,847**
Baltimore Gas & Electric Co., 6.70%, Ser 1993	BBB-	20,250	2,083,853
Baltimore Gas & Electric Co., 6.99%, Ser 1995	Ba1	134,000	13,818,750
BGE Capital Trust II, 6.20%	BBB-	615,300	13,635,048
PNM Resources, Inc., 6.75%, Conv	BBB-	282,361	12,689,303
PSEG Funding Trust II, 8.75%	BB+	137,700	3,472,794
Public Service Electric & Gas Co., 4.08%, Ser A	BB+	5,000	391,250
Public Service Electric & Gas Co., 4.18%, Ser B	BB+	53,677	4,159,967
Public Service Electric & Gas Co., 6.92%	BB+	131,425	13,943,378
SEMPRA Energy, $4.36	BBB+	38,500	3,060,750

See notes to financial statements

Issuer, description	Credit rating (A)	Shares	Value
Multi-Utilities (continued)			
SEMPRA Energy, $4.75, Ser 53	BBB+	12,610	$1,090,765
South Carolina Electric & Gas Co., 6.52%	Baa1	220,000	22,233,750
Xcel Energy, Inc., $4.08, Ser B	BBB-	8,610	731,850
Xcel Energy, Inc., $4.11, Ser D	BBB-	33,691	3,208,057
Xcel Energy, Inc., $4.16, Ser E	BBB-	9,410	736,332
Oil & Gas Exploration & Production 11.00%			**78,000,192**
Anadarko Petroleum Corp., 5.46%,			
Depositary Shares, Ser B	BB	94,567	9,238,014
Apache Corp., 5.68%, Depositary Shares, Ser B	BBB	236,649	23,835,003
Devon Energy Corp., 6.49%, Ser A	BB+	267,645	27,182,695
Nexen, Inc., 7.35% (Canada) (F)	BB+	718,400	17,744,480
Other Diversified Financial Services 5.26%			**37,309,942**
Bank of America Corp., 6.204%,			
Depositary Shares, Ser D	A+	960,000	23,616,000
Bank of America Corp., 6.625%	A+	360,000	9,270,000
Citigroup Capital VII, 7.125%	A+	30,000	750,600
Citigroup Capital IX, 6.00%	A+	50,000	1,117,500
Citigroup Capital XI, 6.00%	A+	5,000	110,350
DB Capital Trust II, 6.55%	A+	45,275	1,084,336
General Electric Capital Corp., 6.625%	AAA	54,100	1,361,156
Specialized Finance 1.33%			**9,430,670**
CIT Group, Inc., 6.35%, Ser A	BBB+	422,900	9,430,670
Thrifts & Mortgage Finance 1.59%			**11,304,800**
Sovereign Bancorp, Inc., 7.30%,			
Depositary Shares, Ser C	BB+	434,800	11,304,800
Trucking 1.37%			**9,730,500**
AMERCO, 8.50%, Ser A	B	390,000	9,730,500
Wireless Telecommunication Services 0.43%			**3,034,464**
United States Cellular Corp., 7.50%	BB+	129,900	3,034,464

Issuer, description, maturity date	Interest rate	Par value (000)	Value
Short-term investments 0.85%			**$6,035,215**
(Cost $6,036,000)			
Commercial Paper 0.85%			**6,035,215**
Chevron Funding Corp., 11-1-07	4.600%	$6,036	6,035,215
Total investments (Cost $1,011,759,939) 149.46%			**$1,059,986,801**

Other assets and liabilities, net 0.13%	**$942,886**
Fund preferred shares, at liquidation value (49.59%)	**($351,712,311)**
Total net assets applicable to common shareholders 100.00%	**$709,217,376**

The percentage shown for each investment category is the total value of that category as a percentage of the net assets applicable to common shareholders.

See notes to financial statements

FINANCIAL STATEMENTS

Notes to Schedule of Investments

ADR American Depositary Receipt

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

(B) This security is fair valued in good faith under procedures established by the Board of Trustees. This security amounted to $111,458 or 0.02% of the net assets as of applicable to common shareholders as of October 31, 2007.

(F) Parenthetical disclosure of a foreign country in the security description represents country of a foreign issuer.

(G) Security rated internally by John Hancock Advisers, LLC.

(I) Non-income-producing security.

(S) This security is exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration. Rule 144A securities amounted to $19,993,300 or 2.82% of the net assets applicable to common shareholders as of October 31, 2007.

See notes to financial statements

FINANCIAL STATEMENTS

Financial statements

Statement of assets and liabilities 10-31-07

This Statement of Assets and Liabilities is the Fund's balance sheet. It shows the value of what the Fund owns, is due and owes. You'll also find the net asset value for each common share.

Assets	
Investments at value (cost $1,011,759,939)	$1,059,986,801
Receivable for investments sold	850,819
Dividends and interest receivable	3,255,426
Other assets	175,459
Total assets	**1,064,268,505**
Liabilities	
Due to custodian	574,917
Payable for investments purchased	787,659
Payable to affiliates	
Management fees	944,832
Other	99,480
Other payables and accrued expenses	931,930
Total liabilities	**3,338,818**
Dutch Auction Rate Transferable Securities (DARTS) including accrued dividends, unlimited number of shares of beneficial interest authorized with no par value, 3,510 shares issued, liquidation preference of $100,000 per share	**351,712,311**
Net assets	
Common shares capital paid-in	666,407,813
Accumulated net realized loss on investments	(5,580,494)
Net unrealized appreciation of investments	48,226,862
Accumulated net investment income	163,195
Net assets applicable to common shares	**$709,217,376**
Net asset value per common share	
Based on 56,222,940 shares of beneficial interest outstanding - unlimited number of shares authorized with no par value	$12.61

See notes to financial statements

F I N A N C I A L S T A T E M E N T S

Statement of operations For the year ended 10-31-07

This Statement of Operations summarizes the Fund's investment income earned and expenses incurred in operating the Fund. It also shows net gains (losses) and distributions paid to DARTS shareholders for the period stated.

Investment income	
Dividends (net of foreign withholding taxes of $274)	$29,165,015
Interest	291,503
Total investment income	**29,456,518**
Expenses	
Investment management fees (Note 2)	4,068,808
Administration fees (Note 2)	523,425
DARTS auction fees	456,161
Professional fees	111,172
Printing fees	143,740
Transfer agent fees	215,178
Custodian fees	130,234
Registration and filing fees	38,748
Trustees' fees	17,664
Miscellaneous	167,473
Total expenses	**5,872,603**
Net investment income	**23,583,915**
Realized and unrealized gain (loss)	
Net realized gain on investments	7,122,811
Change in net unrealized appreciation (depreciation) of investments	(16,161,380)
Net realized and unrealized gain	**(9,038,569)**
Distributions to DARTS Series A	(2,145,850)
Distributions to DARTS Series B	(2,184,295)
Distributions to DARTS Series C	(1,111,497)
Distributions to DARTS Series D	(235,277)
Distributions to DARTS Series E	(1,088,613)
Distributions to DARTS Series F	(1,171,990)
	(7,937,522)
Increase in net assets from operations	**$6,607,824**

See notes to financial statements

F I N A N C I A L S T A T E M E N T S

Statement of changes in net assets

These Statements of Changes in Net Assets show how the value of the Fund's net assets has changed during the last two periods. The difference reflects earnings less expenses, any investment gains and losses, distributions, if any, paid to shareholders and the net of Fund share transactions.

Increase (decrease) in net assets	Year ended 10-31-06	Year ended 10-31-07
From operations		
Net investment income	$13,281,592	$23,583,915
Net realized gain (loss)	(319,381)	7,122,811
Change in net unrealized appreciation (depreciation)	16,940,149	(16,161,380)
Distributions to DARTS	(3,768,882)	(7,937,522)
Increase in net assets resulting from operations	**26,133,478**	**6,607,824**
Distributions to common shareholders		
From net investment income	(9,750,158)	(16,005,501)
From assets acquired transactions (Note 4)	**-**	**524,910,667**
Total increase	**16,383,320**	**515,512,990**
Net assets		
Beginning of year	177,321,066	193,704,386
End of year1	**$193,704,386**	**$709,217,376**

1 Includes accumulated net investment income of $638,496 and $163,195, respectively.

See notes to financial statements

F I N A N C I A L S T A T E M E N T S

Financial highlights

The Financial Highlights show how the Fund's net asset value for a share has changed since the end of the previous period.

COMMON SHARES

Period ended	10-31-03[1]	10-31-04[1]	10-31-05[1]	10-31-06	10-31-07
Per share operating performance					
Net asset value, beginning of period	**$10.01**	**$10.99**	**$11.73**	**$11.78**	**$12.87**
Net investment income2	0.87	0.84	0.85	0.88	0.87
Net realized and unrealized gain (loss) on investments	1.21	0.80	0.14	1.11	(0.24)
Distributions to DARTS	(0.08)	(0.09)	(0.17)	(0.25)	(0.29)
Total from investment operations	**2.00**	**1.55**	**0.82**	**1.74**	**0.34**
Less distributions to					

common shareholders					
From net investment income	(1.02)	(0.81)	(0.77)	(0.65)	(0.60)
Net asset value, end of period	**$10.99**	**$11.73**	**$11.78**	**$12.87**	**$12.61**
Per share market value,					
end of period	**$11.14**	**$11.19**	**$11.05**	**$11.26**	**$10.59**
Total return at NAV3,4 **(%)**	**21.24**[5]	**14.80**[5]	**7.14**[5]	**15.91**	**3.32**
Total return at market value3,4 **(%)**	**30.87**	**8.06**	**5.35**	**8.11**	**(0.83)**

Ratios and supplemental data

Net assets applicable to common					
shares, end of period (in millions)	$165	$177	$177	$194	$709
Ratio of net expenses to average					
net assets6 (%)	1.91	1.78	1.67	1.67	1.71
Ratio of net investment income					
to average net assets7 (%)	8.45	7.38	6.96	7.36	6.86
Portfolio turnover (%)	9	9	11	24	14[8]

Senior securities

Total value of DARTS outstanding					
(in millions)	$100	$100	$100	$100	$351
Involuntary liquidation preference					
per unit (in thousands)	$100	$100	$100	$100	$100
Average market value per unit					
(in thousands)	$100	$100	$100	$100	$100
Asset coverage per unit 9	$264,239	$272,034	$276,340	$292,301	$300,814

See notes to financial statements

F I N A N C I A L S T A T E M E N T S

Notes to Financial Highlights

1 Audited by previous Independent Registered Public Accounting Firm.

2 Based on the average of the shares outstanding.

3 Assumes dividend reinvestment.

4 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 dividend and capital gain distributions, 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.

5 Unaudited.

6 Ratios calculated on the basis of expenses relative to the average net assets of common shares. Without the exclusion of preferred shares, the annualized ratio of expenses would have been 1.16%, 1.12%, 1.08%, 1.07% and 1.13%, respectively.

7 Ratios calculated on the basis of net investment income relative to the average net assets of common shares. Without the exclusion of preferred shares, the annualized ratio of net investment income would have been 5.14%, 4.66%, 4.50%, 4.74% and 4.54%, respectively.

8 Excludes merger activity.

9 Calculated by subtracting the Fund's total liabilities from the Fund's total assets and dividing such amount by the number of DARTS outstanding as of the applicable 1940 Act Evaluation Date, which may differ from the financial reporting date.

See notes to financial statements

Notes to financial statements

Note 1 Accounting policies

John Hancock Patriot Premium Dividend Fund II (the Fund) is a diversified closed-end management investment company registered under the Investment Company Act of 1940, as amended.

Significant accounting policies

The financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America, which require management to make certain estimates and assumptions at the date of the financial statements. The following summarizes the significant accounting policies of the Fund:

Security valuation

The net asset value of the common shares of the Fund is determined daily as of the close of the New York Stock Exchange (NYSE), normally at 4:00 P.M., Eastern Time. Short-term debt investments that have a remaining maturity of 60 days or less are valued at amortized cost, and thereafter assume a constant amortization to maturity of any discount or premium, which approximates market value. All other securities held by the Fund are valued at the last sale price or official closing pri ce (closing bid price or last evaluated quote if no sale has occurred) as of the close of business on the principal securities exchange (domestic or foreign) on which they trade or, lacking any sales, at the closing bid price. Securities traded only in the over-the-counter market are valued at the last bid price quoted by brokers making markets in the securities at the close of trading. Securities for which there are no such quotations, principally debt securities, are valued based on the valuation provided by an independent pricing service, which utilizes both dealer-supplied and electronic data processing techniques, which take 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.

Other assets and securities for which no such quotations are readily available are valued at fair value as determined in good faith under consistently applied procedures established by and under the general supervision of the Board of Trustees. Generally, trading in non-U.S. securities is substantially completed each day at various times prior to the close of trading on the NYSE. The values of such securities used in computing the net asset value of the Fund's shares are generally determined as of such times. Occasionally, significant events that affect the values of such securities may occur between the times at which such values are generally determined and the close of the NYSE. Upon such an occurrence, these securities will be valued at fair value as determined in good faith under consistently applied procedures established by and under the general supervision of the Board of

Trustees.

Investment transactions

Investment transactions are accounted for on a trade date plus one basis for daily net asset value calculations. However, for financial reporting purposes, investment security transactions are reported on trade date. Interest income is recorded on the accrual basis. Dividend income is recorded on the ex-dividend date net of foreign withholding taxes. Certain dividends from foreign securities may be recorded subsequent to the ex-dividend date as soon as the Fund is informed of such dividends. Realized gains and losses from investment transactions are recorded on an identified cost basis.

Expenses

The majority of expenses are directly iden-tifiable to an individual fund. Expenses that are not readily identifiable to a specific fund are allocated in such a manner as deemed equitable, taking into consideration, among

other things, the nature and type of expense and the relative size of the funds.

Federal income taxes

The Fund qualifies 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. For federal income tax purposes, the Fund has $3,561,487 of a capital loss carryforward available, to the extent provided by regulations, to offset future net realized capital gains. To the extent that such carryforward is used by the Fund, no capital gain distributions will be made. The loss carryforwards expire as follows: October 31, 2009 - $5,711, October 31, 2010 - $1,075,016, October 31, 2011 - 79,976, October 31, 2012 - $51,881 and October 31, 2013 - $2,348,903. Availability of a certain amount of the loss carryforwards, which were acquired on May 29, 2007, in a merger with John Hancock Patriot Preferred Dividend Fund, on June 4, 2007, in a merger with John Hancock Patriot Global Dividend Fund, on June 25, 2007, in a merger with John Hancock Patriot Premium Dividend Fund I, and on October 10, 2007, in a merger with John Hancock Patriot Select Dividend Trust, may be limited in a given year.

New accounting pronouncements

In July 2006, Financial Accounting Standards Board (FASB) Interpretation No. 48, *Accounting for Uncertainty in Income Taxes*, an interpretation of FASB Statement 109 (FIN 48), was issued and is effective for fiscal years beginning after December 15, 2006, and is to be applied to all open tax years as of the effective date. On December 22, 2006, the SEC delayed the implementation of FIN 48 for regulated investment companies for an additional six months. FIN 48 prescribes a minimum threshold for financial statement recognition of the benefit of a tax position taken or expected to be taken in a tax return, and requires certain expanded disclosures. Management has concluded that the adoption of FIN 48 will not result in a material impact on the Fund's net assets, results of operations and financial statement disclosures.

In September 2006, FASB Standard No. 157, *Fair Value Measurements* (FAS 157), was issued and is effective for fiscal years beginning after November 15, 2007. FAS 157 defines fair value, establishing a framework for measuring fair value and expands disclosure about fair value measurements. Management is currently evaluating the application of FAS 157 to the Fund and its impact, if any, resulting from the adoption of FAS 157 on the Fund's financial statements.

Dividends, interest and distributions

Dividend income on investment securities is recorded on the ex-dividend date or, in the case of some foreign dividends, when the Fund becomes aware of the dividends from cash collections. Interest income on investment securities is recorded on the accrual basis. Discounts/premiums are accreted/amortized for financial reporting purposes. Foreign income may be subject to foreign withholding taxes, which are accrued as applicable.

The Fund records distributions to shareholders from net investment income and net realized gains, if any, on the ex-dividend date. During the year ended October 31 2006, the tax character of distributions paid was as follows: ordinary income $13,519,040. During the year ended October 31, 2007, the tax character of distributions paid was as follows: ordinary income $23,943,023.

As of October 31, 2007, the components of distributable earnings on a tax basis included $1,033,595 of undistributed ordinary income and $775,494 of undistributed long-term gain.

Such distributions and distributable earnings, on a tax basis, are determined in conformity with income tax regulations, which may differ from accounting principles generally accepted in the United States of America. Distributions in excess of tax basis earnings and profits, if any, are reported in the Fund's financial statements as a return of capital.

Note 2

Management fee and transactions with affiliates and others

The Fund has an investment management contract with John Hancock Advisers, LLC (the

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Adviser), a wholly owned subsidiary of John Hancock Financial Services, Inc., a subsidiary of Manulife Financial Corporation (MFC). Under the investment management contract, the Fund pays a monthly management fee to the Adviser at an annual rate of 0.50% of the Fund's average weekly net asset value and the value attributable to the Dutch Auction Rate Transferable Securities preferred shares (DARTS) (collectively, managed assets), plus 5.00% of the Fund's weekly gross income which amounted to $1,472,826 for the year ended October 31, 2007. The Adviser's total fee is limited to a maximum amount equal to 1.00% annually of the Fund's average weekly managed assets. The effective rate for the advisory fee is 0.78% for the year ended October 31, 2007.

The Fund has an administrative agreement with the Adviser under which the Adviser oversees the custodial, auditing, valuation, accounting, compliance, legal, stock transfer and dividend disbursing services and maintains Fund communications with shareholders. The Fund pays the Adviser a monthly administration fee at an annual rate of 0.10% of the Fund's average weekly managed assets. The compensation for the year amounted to $519,196. The Fund has a subadvisory agreement with MFC Global Investment Management (U.S.), LLC, a subsidiary of John Hancock Financial Services, Inc. The Fund is not responsible for payment of subadvisory fees.

Mr. James R. Boyle is Chairman of the Adviser, as well as affiliated Trustee of the Fund, and is compensated by the Adviser and/or its affiliates. The compensation of unaffiliated Trustees is borne by the Fund. The unaf-filiated Trustees may elect to defer, for tax purposes, their receipt of this compensation under the John Hancock Group of Funds Deferred Compensation Plan. The Fund makes investments into other John Hancock funds, as applicable, to cover its liability for the deferred compensation. Investments to cover the Fund's deferred compensation liability are recorded on the Fund's books as an other asset. The deferred compensation liability and the related other asset are always equal and are marked to market on a periodic basis to reflect any income earned by the investments, as well as any unrealized gains or losses. The Deferred Compensation Plan investments had no impact on the operations of the Fund.

The Fund is listed for trading on the NYSE and has filed with the NYSE its chief executive officer certification regarding compliance with the NYSE's listing standards. The Fund also files with the Securities and Exchange Commission the certification of its chief executive officer and chief financial officer required by Section 302 of the Sarbanes-Oxley Act.

Note 3

Guarantees and indemnifications

Under the Fund's organizational documents, its Officers and Trustees are indemnified against certain liability 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. However, based on experience, the Fund believes the risk of loss to be remote.

Note 4
Fund share transactions
Common shares

This listing illustrates the number of Fund shares issued in reorganization during the years ended October 31, 2006 and October 31, 2007, along with the corresponding dollar value.

	Year ended 10-31-06		Year ended 10-31-07	
	Shares	Amount	Shares	Amount
Issued in reorganizations	--	--	41,176,401	$524,910,667

Dutch Auction Rate Transferable Securities preferred shares

The Fund issued DARTS, 598 shares of Series A and 598 shares of Series B in a public offering. The underwriting discount was recorded as a reduction of the capital of common shares. During the year ended October 31, 1990, the Fund retired 98 shares of DARTS from both Series A and Series B.

Dividends on the DARTS, which accrue daily, are cumulative at a rate that was established at the offering of the DARTS and has been reset every 49 days thereafter by an auction. Dividend rates on DARTS Series A, B, C, D, E and F ranged from 3.12% to 5.75%, from 3.98% to 5.60%, from 4.24% to 5.30%, from 5.50% to 5.50%, from 4.10% to 5.92% and from 4.14% to 5.65%, respectively, during the year ended October 31, 2007. Accrued dividends on DARTS are included in the value of DARTS on the Fund's Statement of Assets and Liabilities.

The DARTS are redeemable at the option of the Fund, at a redemption price equal to $100,000 per share, plus accumulated and unpaid dividends on any dividend payment date. The DARTS are also subject to mandatory redemption at a redemption price equal to $100,000 per share, plus accumulated and unpaid dividends, if the Fund is in default on its asset coverage requirements with respect to the DARTS, as defined in the Fund's bylaws. If the dividends on the DARTS shall remain unpaid in an amount equal to two full years' dividends, the holders of the DARTS, as a class, have the right to elect a majority of the Board of Trustees. In general, the holders of the DARTS and the common shareholders have equal voting rights of one vote per share, except that the holders of the DARTS, as a class, vote to elect two members of the Board of Trustees, and separate class votes are required on certain matters that affect the respective interests of the DARTS and common shareholders.

Leverage

The Fund issued preferred shares to increase its assets available for investment. When the Fund leverages its assets, the fees paid to the Adviser for investment advisory and administrative services will be higher than if the Fund did not borrow because the Adviser's fees are calculated based on the Fund's total assets, including the proceeds of the issuance of preferred shares. Consequently, the Fund and the Adviser may have differing interests in determining whether to leverage the Fund's assets.

Leverage creates risks which may adversely affect the return for the holders of common shares, including:

 the likelihood of greater volatility of net asset value and market price of common shares

 fluctuations in the dividend rates on any preferred shares

 increased operating costs, which may reduce the Fund's total return to the holders of common shares

 the potential for a decline in the value of an investment acquired through leverage, while the Fund's obligations under such leverage remains fixed

To the extent the income or capital appreciation deri