



MUTUAL FUNDS

John Hancock Large Cap Equity Fund

QUARTERLY PORTFOLIO HOLDINGS

1.31.2009

John Hancock Large Cap Equity Fund

Securities owned by the Fund on
January 31, 2009 (Unaudited)

Issuer, description	Interest rate	Maturity date	Credit rating (A)	Par value (000)	Value
Bonds 0.00%					\$34,250
(Cost \$286,174)					
Airlines 0.00%					34,250
Northwest Airlines, Inc., Conv Sr Note (G)	7.625	11/15/23	D	3,000	3,000
Gtd Conv Sr Note (B)(G)	Zero	05/15/23	D	25,000	31,250
Issuer				Shares	Value
Common stocks 94.80%					\$1,551,130,690
(Cost \$2,226,801,503)					
Agricultural Products 6.06%					99,205,491
Archer-Daniels-Midland Co.				2,102,390	57,563,438
Bunge, Ltd.				969,773	41,642,053
Airlines 0.88%					14,380,594
Delta Air Lines, Inc. (I)				2,084,144	14,380,594
Asset Management & Custody Banks 0.30%					4,975,533
BlackRock, Inc.				45,731	4,975,533
Automotive Retail 2.65%					43,377,024
Autozone, Inc. (I)				326,413	43,377,024
Biotechnology 6.42%					105,091,274
Biogen Idec, Inc. (I)				95,066	4,624,961
Cephalon, Inc. (I)				472,291	36,451,419
Genentech, Inc. (I)				53,932	4,381,436
Genzyme Corp. (I)				340,042	23,435,694
Gilead Sciences, Inc. (I)				610,640	31,002,193
OSI Pharmaceuticals, Inc. (I)				145,943	5,195,571
Communications Equipment 1.93%					31,510,262
Corning, Inc.				3,116,742	31,510,262
Computer & Electronics Retail 1.71%					27,915,682
Best Buy Co., Inc.				996,277	27,915,682
Computer Hardware 0.84%					13,769,430
Apple, Inc. (I)				152,773	13,769,430
Computer Storage & Peripherals 2.84%					46,453,506
Brocade Communications Systems, Inc. (I)				2,493,690	9,500,959
EMC Corp. (I)				3,347,151	36,952,547
Data Processing & Outsourced Services 2.94%					48,105,589
Fiserv, Inc. (I)				1,458,880	46,319,440
Wright Express Corp. (I)				153,186	1,786,149
Diversified Financial Services 0.35%					5,786,961
Bank of America Corp.				369,855	2,433,646
JPMorgan Chase & Co.				131,451	3,353,315
Diversified Metals & Mining 0.56%					9,095,807
Avalon Ventures, Ltd. (I)				665,280	374,347
Freeport-McMoRan Copper & Gold, Inc. (Class B)				344,593	8,663,068

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Issuer	Shares	Value
Diversified Metals & Mining (continued)		
Titanium Resources Group Ltd. (I)	948,050	58,392
Electric Utilities 3.26%		53,402,380
American Electric Power Co., Inc.	184,018	5,768,964
Exelon Corp.	464,208	25,169,358
FPL Group, Inc.	254,786	13,134,218
Pepco Holdings, Inc.	523,854	9,329,840
Gas Utilities 1.09%		17,759,311
Equitable Resources, Inc.	518,823	17,759,311
Gold 6.95%		113,743,788
Barrick Gold Corp.	2,776,532	104,092,185
Goldcorp, Inc.	57,342	1,695,603
Newmont Mining Corp.	200,000	7,956,000
Health Care Distributors 4.30%		70,421,562
Mckesson Corp.	1,593,248	70,421,562
Health Care Services 3.33%		54,477,961
Express Scripts, Inc.	208,518	11,209,928
Kinetic Concepts, Inc. (I)	790,482	19,050,616
Laboratory Corp. of America Holdings (I)	409,078	24,217,417
Heavy Electrical Equipment 1.14%		18,694,008
ABB, Ltd., SADR	1,432,491	18,694,008
Home Improvement Retail 0.62%		10,129,865
Home Depot, Inc.	470,500	10,129,865
Industrial Gases 0.07%		1,075,743
Brazil Ethanol, Inc. (B)(I)(S)	500,000	1,075,743
Insurance Brokers 1.94%		31,670,228
Marsh & McLennan Cos, Inc.	473,425	9,151,305
Willis Group Holdings, Ltd.	909,488	22,518,923
Integrated Oil & Gas 2.98%		48,730,181
Suncor Energy, Inc.	2,531,438	48,730,181
Internet Software & Services 1.57%		25,723,425
eBay, Inc. (I)	2,140,052	25,723,425
Investment Banking & Brokerage 3.31%		54,230,687
Charles Schwab Corp.	3,510,358	47,705,765
Goldman Sachs Group, Inc.	80,824	6,524,922
Managed Health Care 1.31%		21,400,757
Aetna, Inc.	690,347	21,400,757
Metal & Glass Containers 0.55%		8,954,510
Owens-Illinois, Inc. (I)	471,290	8,954,510
Multi-Line Insurance 0.20%		3,269,158
MetLife, Inc.	113,789	3,269,158
Multi-Media 1.50%		24,481,437
News Corp. (Class B)	3,381,414	24,481,437

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Issuer	Shares	Value
Multi-Utilities 1.38%		22,602,664
CMS Energy Corp.	1,923,631	22,602,664
Oil & Gas Drilling 0.53%		8,747,120
Transocean, Ltd. (I)	160,145	8,747,120
Oil & Gas Exploration & Production 5.38%		88,078,750
Canadian Natural Resources, Ltd.	300,817	10,694,044
Denbury Resources, Inc. (I)	1,942,044	23,770,619
Southwestern Energy Co. (I)	1,693,968	53,614,087
Oil & Gas Storage & Transportation 3.95%		64,663,015
Southern Union Co.	2,008,768	25,893,020
Williams Companies, Inc.	2,739,929	38,769,995
Pharmaceuticals 2.59%		42,449,379
Pfizer, Inc.	1,138,204	16,595,014
Roche Holdings AG	184,168	25,854,365
Precious Metals & Minerals 0.80%		13,015,346
Silver Standard Resources, Inc. (I)	653,053	13,015,346
Property & Casualty Insurance 5.29%		86,500,711
ACE, Ltd.	834,904	36,451,909
Axis Capital Holdings, Ltd.	515,292	12,500,984
Berkshire Hathaway, Inc. (Class B) (I)	12,562	37,547,818
Publishing 0.63%		10,342,810
Washington Post Co., (Class B)	26,482	10,342,810
Regional Banks 0.66%		10,801,648
PNC Financial Services Group, Inc.	332,154	10,801,648
Semiconductor Equipment 0.44%		7,125,570
MEMC Electronic Materials, Inc. (I)	523,939	7,125,570
Soft Drinks 1.62%		26,434,900
Pepsi Bottling Group, Inc.	1,370,394	26,434,900
Specialized Consumer Services 1.04%		17,056,934
H&R Block, Inc.	822,814	17,056,934
Specialized Finance 2.74%		44,879,647
BM&F BOVESPA SA	1,597,404	4,606,307
NASDAQ OMX Group, Inc. (I)	979,810	21,379,454
NYSE Euronext	858,813	18,893,886
Specialty Chemicals 2.43%		39,814,398
Ecolab, Inc.	1,172,391	39,814,398
Systems Software 3.72%		60,785,644
Microsoft Corp.	3,554,716	60,785,644

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Issuer, description	Interest rate	Maturity date	Credit rating (A)	Par value (000)	Value
Collateralized Mortgage Obligations 0.45%					\$7,346,825
(Cost \$9,572,293)					
Collateralized Mortgage Obligations 0.45%					7,346,825
American Home Mortgage Investment Trust, Mtg Pass Thru Ctf Ser 2007-1 Class GIOP IO	2.078	05/25/47	AAA	71,722	3,743,020
Harborview Mortgage Loan Trust, Ser 2005-10 Class X IO	3.659	11/19/35	AAA	153,065	1,004,489
Residential Accredit Loans, Inc., Mtg Pass Thru Ctf Ser 2005-Q02 Class X IO	Zero	09/25/45	AAA	188,356	2,599,316
Issuer				Shares	Value
Warrants 0.00%					\$1
(Cost \$0)					
Issuer				Shares	Value
Diversified Metals & Mining 0.00%					1
Avalon Ventures Ltd. (Canada) (I)				332,640	1
Issuer, description	Interest rate	Maturity date	Credit rating (A)	Par value (000)	Value
Short-term investments 5.00%					\$81,738,324
(Cost \$81,738,325)					
U.S. Government Agency 5.00%					81,738,324
U.S. Treasury Bill, Discount Note	Zero	06/18/09	AAA	3,398	3,398,382
Discount Note	Zero	06/25/09	AAA	78,340	78,339,942
Total investments (Cost \$2,318,398,295)[†] 100.25%					\$1,640,250,090
Other assets and liabilities, net (0.25%)					(\$4,090,889)
Total net assets 100.00%					\$1,636,159,201

Gtd Guaranteed

IO Interest only (carries notional principal amount)

SADR Sponsored American Depositary Receipt

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

(B) These securities are fair valued in good faith under procedures established by the Board of Trustees. These securities amounted \$1,106,993 or 0.07% of the Fund's net assets as of January 31, 2009.

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

(I) Non-income producing security.

(S) These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration. Rule 144A securities amounted to \$1,075,743 or 0.070% of the net assets of the Fund as of January 31, 2009.

[†] At January 31, 2009, the aggregate cost of investment securities for federal income tax purposes was \$2,345,776,501. Net unrealized depreciation aggregated \$705,526,411, of which \$42,082,988 related to appreciated investment securities and \$747,609,399 related to depreciated investment securities.

Notes to portfolio of investments

Security valuation

Investments are stated at value as of the close of the regular trading on New York Stock Exchange (NYSE), normally at 4:00 p.m., Eastern Time. Equity securities held by the Fund are valued at the last sale price or official closing price (closing bid price or last evaluated price if no sale has occurred) as of the close of business on the principal securities exchange (domestic or foreign) on which they trade. Debt obligations are valued based on the evaluated prices 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. Foreign securities and currencies are valued in U.S. dollars, based on foreign currency exchange rates supplied by an independent pricing service. 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. Equity and debt obligations, for which there are no prices available from an independent pricing service, are value based on broker quotes or fair valued as described below. 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.

Other portfolio securities and assets for which market quotations are not readily available are valued at fair value as determined in good faith by the Trust's Pricing Committee in accordance with procedures adopted by 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. Debt securities whose prices cannot be provided by an independent pricing service are valued at prices provided by broker-dealers.

Valuations change in response to many factors including the historical and prospective earnings of the issuer, the value of the issuer's assets, general economic conditions, interest rates, investor perceptions and market liquidity.

The Fund is subject to of Financial Accounting Standards No. 157 (FAS 157). FAS 157 established a three-tier hierarchy to prioritize the assumptions, referred to as inputs, used in valuation techniques to measure fair value. The three-tier hierarchy of inputs is summarized in the three broad levels listed below:

Level 1 – Quoted prices in active markets for identical securities.

Level 2 – Prices determined using other significant observable inputs. Observable inputs are inputs that other market participants would use in pricing a security. These may include quoted prices for similar securities, interest rates, prepayment speeds, credit risk and others.

Level 3 – Prices determined using significant unobservable inputs. In situations where quoted prices or observable inputs are unavailable, such as when there is little or no market activity for an investment, unobservable inputs may be used. Unobservable inputs reflect the Fund’s own assumptions about the factors that market participants would use in pricing an investment and would be based on the best information available.

The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities.

The following is a summary of the inputs used to value the Fund’s net assets as of January 31, 2009:

Valuation Inputs	Investments in Securities	Other Financial Instruments*
Level 1 – Quoted Prices	\$1,524,200,582	
Level 2 – Other Significant Observable Inputs	107,595,590	
Level 3 – Significant Unobservable Inputs	8,453,818	
Total	\$1,640,250,090	

* Other financial instruments are derivative instruments not reflected in the Fund of Investments, such as futures, forwards and swap contracts, which are valued at the unrealized appreciation/depreciation on the instrument.

The following is a reconciliation of Level 3 assets for which significant unobservable inputs were used to determine fair value:

	Investments in Securities	Other Financial Instruments
Balance as of October 31, 2008	\$17,020,027	\$-
Accrued discounts/premiums	-	-
Realized gain (loss)	-	-
Change in unrealized appreciation (depreciation)	(8,456,356)	-
Net purchases (sales)		-
Transfers in and/or out of Level 3	(109,853)	-
Balance as of January 31, 2009	\$8,453,818	\$-

For more information

Trustees

Patti McGill Peterson, *Chairperson*

James R. Boyle†

James F. Carlin

William H. Cunningham*

Deborah C. Jackson*

Charles L. Ladner

Stanley Martin*

Dr. John A. Moore

Steven R. Pruchansky

†Non-Independent Trustee

*Member of the Audit Committee

Officers

Keith F. Hartstein

President and Chief Executive Officer

Thomas M. Kinzler

Secretary and Chief Legal Officer

Francis V. Knox, Jr.

Chief Compliance Officer

Charles A. Rizzo

Chief Financial Officer

Gordon M. Shone

Treasurer

John G. Vrysen

Chief Operating Officer

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