

John Hancock
International Value Equity Fund

Quarterly portfolio holdings 6/30/17



Fund's investments

As of 6-30-17 (unaudited)

	Shares	Value
Common stocks 96.1%		\$641,699,513
(Cost \$602,584,267)		
Australia 4.3%		28,885,856
Australia & New Zealand Banking Group, Ltd.	249,353	5,503,629
BHP Billiton, Ltd.	307,488	5,480,628
Coca-Cola Amatil, Ltd.	575,717	4,085,370
National Australia Bank, Ltd.	239,979	5,459,138
QBE Insurance Group, Ltd.	576,387	5,231,554
Santos, Ltd. (A)	1,343,839	3,125,537
Belgium 0.6%		4,116,141
Ontex Group NV	115,863	4,116,141
Canada 6.5%		43,295,220
Bank of Montreal	76,470	5,614,955
Barrick Gold Corp.	327,356	5,207,707
Fairfax Financial Holdings, Ltd.	12,209	5,291,163
Husky Energy, Inc. (A)	440,663	5,001,974
IGM Financial, Inc. (B)	184,995	5,737,584
Magna International, Inc.	132,266	6,126,788
Suncor Energy, Inc.	161,188	4,709,603
The Toronto-Dominion Bank	111,234	5,605,446
Chile 0.8%		5,614,903
Antofagasta PLC	538,185	5,614,903
China 1.8%		12,133,657
China Petroleum & Chemical Corp., H Shares	3,878,279	3,036,699
CNOOC, Ltd.	3,866,000	4,241,930
Lenovo Group, Ltd.	7,692,572	4,855,028
Denmark 2.0%		13,257,027
Carlsberg A/S, Class B	60,071	6,419,514
Novo Nordisk A/S, B Shares	159,133	6,837,513
France 12.5%		83,235,050
AXA SA	222,375	6,089,385
BNP Paribas SA	85,338	6,143,728
Christian Dior Se (A)(B)	24,810	7,094,117
Engie SA	130,502	1,969,768
Engie SA	206,022	3,109,650
ICADE	63,865	5,357,721
Ingenico Group SA (B)	55,399	5,024,001
Lagardere SCA	203,699	6,427,577
Orange SA (B)	375,122	5,970,046
Pernod Ricard SA (B)	40,443	5,415,619
Publicis Groupe SA	79,794	5,947,303
Sanofi	70,017	6,709,041
Schneider Electric SE (A)	77,797	5,978,672
TOTAL SA	106,802	5,302,412
Vinci SA	78,498	6,696,010
Germany 9.8%		65,434,792
Allianz SE	32,314	6,376,927
BASF SE	65,681	6,095,806
Bayer AG	52,521	6,807,271
Bayerische Motoren Werke AG	56,789	5,281,801

	Shares	Value
Germany (continued)		
E.ON SE	514,061	\$4,852,730
Gerresheimer AG	65,448	5,267,503
Merck KGaA	54,017	6,536,002
METRO AG	161,558	5,457,787
Muenchener Rueckversicherungs-Gesellschaft AG	28,524	5,771,926
SAP SE	67,772	7,093,802
Siemens AG	42,843	5,893,237
Hong Kong 4.2%		28,062,450
China Mobile, Ltd.	532,582	5,646,330
CLP Holdings, Ltd.	495,227	5,236,701
Guangdong Investment, Ltd.	3,946,098	5,438,362
Hang Lung Group, Ltd.	1,439,113	5,954,467
Yue Yuen Industrial Holdings, Ltd.	1,395,202	5,786,590
Ireland 2.6%		17,472,162
ICON PLC (A)	61,214	5,986,117
Shire PLC	91,968	5,071,046
Smurfit Kappa Group PLC	206,315	6,414,999
Israel 0.6%		4,265,055
Teva Pharmaceutical Industries, Ltd.	129,358	4,265,055
Italy 0.5%		3,307,928
Eni SpA	220,119	3,307,928
Japan 20.2%		134,836,873
Bandai Namco Holdings, Inc.	198,531	6,783,278
Bridgestone Corp.	140,586	6,077,754
East Japan Railway Company	58,263	5,581,376
Fujitsu, Ltd.	742,197	5,489,487
Hirose Electric Company, Ltd.	36,046	5,158,344
Hitachi, Ltd.	899,629	5,546,835
Honda Motor Company, Ltd.	214,142	5,867,080
Isuzu Motors, Ltd.	463,607	5,756,777
Japan Tobacco, Inc.	157,398	5,532,242
Keisei Electric Railway Company, Ltd.	215,478	5,766,934
Matsumotokiyoshi Holdings Company, Ltd.	94,257	5,369,283
Mitsubishi Chemical Holdings Corp.	702,340	5,851,724
Mitsubishi Corp.	230,409	4,843,432
Mitsubishi Electric Corp.	345,280	4,993,648
Mitsubishi UFJ Financial Group, Inc.	858,710	5,792,041
Mitsui Fudosan Company, Ltd.	249,085	5,967,705
Mizuho Financial Group, Inc.	2,829,184	5,187,235
Nippon Telegraph & Telephone Corp.	126,225	5,958,338
Nippon Television Holdings, Inc.	329,068	5,548,064
Seven & i Holdings Company, Ltd.	137,248	5,663,463
Sumitomo Chemical Company, Ltd.	956,395	5,527,769
Taiheiyo Cement Corp.	1,494,467	5,465,316
Toyo Suisan Kaisha, Ltd.	138,621	5,318,410
Toyota Motor Corp.	110,158	5,790,338
Netherlands 4.5%		30,247,237
Aegon NV	932,588	4,772,912
Akzo Nobel NV	77,654	6,753,475
Heineken Holding NV	71,991	6,598,714
ING Groep NV	372,392	6,428,531

	Shares	Value
Netherlands (continued)		
Royal Dutch Shell PLC, A Shares	214,126	\$5,693,605
Norway 0.9%		5,746,974
DNB ASA	337,565	5,746,974
Singapore 1.7%		11,129,889
DBS Group Holdings, Ltd.	401,321	6,040,193
Sembcorp Industries, Ltd.	2,276,716	5,089,696
Spain 1.9%		12,614,892
Banco Santander SA	989,784	6,572,061
Telefonica SA	583,756	6,042,831
Sweden 1.7%		11,506,403
Modern Times Group MTG AB, B Shares	170,162	5,857,104
Telefonaktiebolaget LM Ericsson, B Shares	785,702	5,649,299
Switzerland 7.4%		49,251,751
Adecco Group AG	77,718	5,920,728
Credit Suisse Group AG (A)	294,699	4,288,162
Julius Baer Group, Ltd. (A)	110,398	5,833,015
LafargeHolcim, Ltd. (A)	104,121	5,984,155
Nestle SA	106,825	9,317,028
Novartis AG	87,800	7,333,636
Roche Holding AG	22,494	5,747,553
Zurich Insurance Group AG	16,541	4,827,474
United Kingdom 11.6%		77,285,253
AstraZeneca PLC	91,245	6,111,944
Barclays PLC	1,993,252	5,271,727
BP PLC	832,076	4,802,912
Debenhams PLC	4,129,169	2,330,468
GlaxoSmithKline PLC	250,678	5,336,275
HSBC Holdings PLC	782,548	7,263,621
Imperial Brands PLC	107,192	4,816,929
Informa PLC	626,931	5,468,360
Kingfisher PLC	1,244,253	4,873,660
Meggitt PLC	891,252	5,538,053
Smith & Nephew PLC	358,329	6,187,836
Standard Chartered PLC (A)	513,786	5,203,759
Unilever PLC	149,501	8,090,717
Vodafone Group PLC	2,108,824	5,988,992

	Yield (%)	Shares	Value
Securities lending collateral 3.5%			\$23,518,685
(Cost \$23,519,163)			
John Hancock Collateral Trust (C)	1.1508(D)	2,350,482	23,518,685

	Yield* (%)	Maturity date	Par value^	Value
Short-term investments 3.7%				\$24,483,797
(Cost \$24,483,088)				
U.S. Government Agency 3.3%				22,213,000
Federal Home Loan Bank Discount Note	0.574	07-03-17	22,213,000	22,213,000

	Yield (%)	Shares	Value
Money market funds 0.2%			1,238,797
JPMorgan U.S. Treasury Plus Money Market Fund, Institutional Class	0.8014(D)	1,238,797	1,238,797
		Par value^	Value
Repurchase agreement 0.2%			1,032,000
Barclays Capital Tri-Party Repurchase Agreement dated 6-30-17 at 1.050% to be repurchased at \$1,032,090 on 7-3-17, collateralized by \$1,049,200 U.S. Treasury Bonds, 2.750% due 8-15-42 (valued at \$1,052,826, including interest)		1,032,000	1,032,000
Total investments (Cost \$650,586,518)† 103.3%			\$689,701,995
Other assets and liabilities, net (3.3%)			(21,929,514)
Total net assets 100.0%			\$667,772,481

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

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

Security Abbreviations and Legend

(A) Non-income producing security.

(B) A portion of this security is on loan as of 6-30-17. The value of securities on loan amounted to \$22,398,656

(C) Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

(D) The rate shown is the annualized seven-day yield as of 6-30-17.

* Yield represents either the annualized yield at the date of purchase, the stated coupon rate or, for floating rate securities, the rate at period end.

† At 6-30-17, the aggregate cost of investment securities for federal income tax purposes was \$651,596,138. Net unrealized appreciation aggregated to \$38,105,857, of which \$80,847,682 related to appreciated investment securities and \$42,741,825 related to depreciated investment securities.

The fund had the following sector composition as a percentage of net assets on 6-30-17:

Financials	20.4%
Consumer discretionary	13.9%
Health care	11.6%
Consumer staples	11.4%
Materials	8.7%
Industrials	8.4%
Energy	5.9%
Information technology	5.7%
Telecommunication services	4.4%
Utilities	3.1%
Real estate	2.6%
Short-term investments and other	3.9%
TOTAL	100.0%

Notes to Fund's investments (unaudited)

Security valuation. Investments are stated at value as of the scheduled close of regular trading on the New York Stock Exchange (NYSE), normally at 4:00 P.M., Eastern Time. In case of emergency or other disruption resulting in the NYSE not opening for trading or the NYSE closing at a time other than the regularly scheduled close, the net asset value (NAV) may be determined as of the regularly scheduled close of the NYSE pursuant to the fund's Valuation Policies and Procedures.

In order to value the securities, the fund uses the following valuation techniques: Equity securities held by the fund are typically valued at the last sale price or official closing price on the exchange or principal market where the security trades. In the event there were no sales during the day or closing prices are not available, the securities are valued using the last available bid price. Investments by the fund in open-end mutual funds, including John Hancock Collateral Trust, are valued at their respective NAVs each business day. Debt obligations are valued based on the evaluated prices provided by an independent pricing vendor or from broker-dealers. Independent pricing vendors utilize matrix pricing which takes into account factors such as institutional-size trading in similar groups of securities, yield, quality, coupon rate, maturity, type of issue, trading characteristics and other market data, as well as broker supplied prices. Foreign securities and currencies are valued in U.S. dollars, based on foreign currency exchange rates supplied by an independent pricing vendor.

In certain instances, the Pricing Committee may determine to value equity securities using prices obtained from another exchange or market if trading on the exchange or market on which prices are typically obtained did not open for trading as scheduled, or if trading closed earlier than scheduled, and trading occurred as normal on another exchange or market.

Other portfolio securities and assets, for which reliable market quotations are not readily available, are valued at fair value as determined in good faith by the fund's Pricing Committee following procedures established by the Board of Trustees. The frequency with which these fair valuation procedures are used cannot be predicted and fair value of securities may differ significantly from the value that would have been used had a ready market for such securities existed. Trading in foreign securities may be completed before the scheduled daily close of trading on the NYSE. Significant events at the issuer or market level may affect the values of securities between the time when the valuation of the securities is generally determined and the close of the NYSE. If a significant event occurs, these securities may be fair valued, as determined in good faith by the fund's Pricing Committee, following procedures established by the Board of Trustees. The fund uses fair value adjustment factors provided by an independent pricing vendor to value certain foreign securities in order to adjust for events that may occur between the close of foreign exchanges or markets and the close of the NYSE.

The fund uses a three-tier hierarchy to prioritize the pricing assumptions, referred to as inputs, used in valuation techniques to measure fair value. Level 1 includes securities valued using quoted prices in active markets for identical securities. Level 2 includes securities valued using other significant observable inputs. Observable inputs may include quoted prices for similar securities, interest rates, prepayment speeds and credit risk. Prices for securities valued using these inputs are received from independent pricing vendors and brokers and are based on an evaluation of the inputs described. Level 3 includes securities valued using significant unobservable inputs when market prices are not readily available or reliable, including the fund's own assumptions in determining the fair value of investments. Factors used in determining value may include market or issuer specific events or trends, changes in interest rates and credit quality. The inputs or methodology used for valuing securities are not necessarily an indication of the risks associated with investing in those securities. Changes in valuation techniques and related inputs may result in transfers into or out of an assigned level within the disclosure hierarchy.

The following is a summary of the values by input classification of the fund's investments as of June 30, 2017, by major security category or type:

	Total value at 6-30-17	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Common stocks				
Australia	\$28,885,856	—	\$28,885,856	—
Belgium	4,116,141	—	4,116,141	—
Canada	43,295,220	\$43,295,220	—	—
Chile	5,614,903	—	5,614,903	—
China	12,133,657	—	12,133,657	—
Denmark	13,257,027	—	13,257,027	—
France	83,235,050	—	83,235,050	—
Germany	65,434,792	—	65,434,792	—
Hong Kong	28,062,450	—	28,062,450	—
Ireland	17,472,162	5,986,117	11,486,045	—
Israel	4,265,055	—	4,265,055	—
Italy	3,307,928	—	3,307,928	—
Japan	134,836,873	—	134,836,873	—
Netherlands	30,247,237	—	30,247,237	—
Norway	5,746,974	—	5,746,974	—
Singapore	11,129,889	—	11,129,889	—
Spain	12,614,892	—	12,614,892	—
Sweden	11,506,403	—	11,506,403	—

	Total value at 6-30-17	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Switzerland	49,251,751	—	49,251,751	—
United Kingdom	77,285,253	—	77,285,253	—
Securities lending collateral	23,518,685	23,518,685	—	—
Short-term investments	24,483,797	1,238,797	23,245,000	—
Total investments in securities	\$689,701,995	\$74,038,819	\$615,663,176	—

Repurchase agreements. The fund may enter into repurchase agreements. When the fund enters into a repurchase agreement, it receives collateral that is held in a segregated account by the fund's custodian, or for tri-party repurchase agreements, collateral is held at a third-party custodian bank in a segregated account for the benefit of the fund. The collateral amount is marked-to-market and monitored on a daily basis to ensure that the collateral held is in an amount not less than the principal amount of the repurchase agreement plus any accrued interest. Collateral received by the fund for repurchase agreements is disclosed in the Fund's investments as part of the caption related to the repurchase agreement.

Repurchase agreements are typically governed by the terms and conditions of the Master Repurchase Agreement and/or Global Master Repurchase Agreement (collectively, MRA). Upon an event of default, the non-defaulting party may close out all transactions traded under the MRA and net amounts owed. Absent an event of default, assets and liabilities resulting from repurchase agreements are not offset. In the event of a default by the counterparty, realization of the collateral proceeds could be delayed, during which time the collateral value may decline or the counterparty may have insufficient assets to pay back claims resulting from close-out of the transactions.

For additional information on the fund's significant accounting policies, please refer to the fund's most recent semiannual or annual shareholder report.

More information

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