

John Hancock  
Small Cap Core Fund

Quarterly portfolio holdings 1/31/2022

# Fund's investments

## As of 1-31-22 (unaudited)

	Shares	Value
<b>Common stocks 97.6%</b>		<b>\$1,555,261,776</b>
(Cost \$1,419,652,844)		
<b>Communication services 5.8%</b>		<b>93,376,037</b>
<b>Diversified telecommunication services 1.2%</b>		
Cogent Communications Holdings, Inc.	296,463	18,858,011
<b>Entertainment 1.3%</b>		
Madison Square Garden Sports Corp. (A)	124,022	20,596,334
<b>Interactive media and services 2.2%</b>		
CarGurus, Inc. (A)	519,047	16,557,599
Yelp, Inc. (A)	564,162	19,486,155
<b>Media 1.1%</b>		
WideOpenWest, Inc. (A)	960,663	17,877,938
<b>Consumer discretionary 9.9%</b>		<b>157,391,136</b>
<b>Auto components 0.9%</b>		
Stoneridge, Inc. (A)	742,956	14,019,580
<b>Household durables 2.3%</b>		
Universal Electronics, Inc. (A)	503,955	17,885,363
Vizio Holding Corp., Class A (A)	1,296,123	18,638,249
<b>Internet and direct marketing retail 2.5%</b>		
Groupon, Inc. (A)	822,665	25,124,189
The RealReal, Inc. (A)	1,571,087	14,846,772
<b>Leisure products 1.0%</b>		
Malibu Boats, Inc., Class A (A)	240,093	15,764,506
<b>Specialty retail 2.1%</b>		
Boot Barn Holdings, Inc. (A)	175,574	16,147,541
Lithia Motors, Inc.	61,144	17,861,997
<b>Textiles, apparel and luxury goods 1.1%</b>		
Columbia Sportswear Company	184,160	17,102,939
<b>Consumer staples 4.1%</b>		<b>65,555,188</b>
<b>Food and staples retailing 1.1%</b>		
United Natural Foods, Inc. (A)	458,931	17,797,344
<b>Household products 2.0%</b>		
Central Garden & Pet Company, Class A (A)	366,790	15,893,011
Spectrum Brands Holdings, Inc.	178,060	15,915,003
<b>Personal products 1.0%</b>		
Nu Skin Enterprises, Inc., Class A	330,978	15,949,830
<b>Energy 4.6%</b>		<b>73,039,487</b>
<b>Oil, gas and consumable fuels 4.6%</b>		
Magnolia Oil & Gas Corp., Class A	1,054,113	22,800,464
PDC Energy, Inc.	474,264	28,109,627
Whiting Petroleum Corp. (A)	298,039	22,129,396
<b>Financials 10.7%</b>		<b>170,280,543</b>
<b>Banks 8.7%</b>		
Atlantic Union Bankshares Corp.	556,005	22,640,524
Banner Corp.	310,783	19,302,732
First Hawaiian, Inc.	608,882	17,261,805
Independent Bank Group, Inc.	242,443	18,406,273
Pinnacle Financial Partners, Inc.	195,993	18,954,483
SouthState Corp.	236,383	19,953,089

	Shares	Value
<b>Financials (continued)</b>		
<b>Banks (continued)</b>		
Univest Financial Corp.	710,117	\$21,395,825
<b>Capital markets 0.9%</b>		
Moelis & Company, Class A	259,150	14,634,201
<b>Diversified financial services 1.1%</b>		
Compass Diversified Holdings	704,754	17,731,611
<b>Health care 15.6%</b>		<b>248,061,154</b>
<b>Biotechnology 1.4%</b>		
ACADIA Pharmaceuticals, Inc. (A)	266,142	5,985,534
Emergent BioSolutions, Inc. (A)	280,340	13,119,912
Sage Therapeutics, Inc. (A)	101,701	4,009,053
<b>Health care equipment and supplies 7.2%</b>		
AngioDynamics, Inc. (A)	585,047	12,654,567
Integer Holdings Corp. (A)	208,179	16,323,315
Integra LifeSciences Holdings Corp. (A)	284,907	18,444,879
Lantheus Holdings, Inc. (A)	846,280	21,503,975
Merit Medical Systems, Inc. (A)	302,292	16,762,091
NuVasive, Inc. (A)	327,014	17,007,998
SeaSpine Holdings Corp. (A)	1,022,523	12,249,826
<b>Health care providers and services 3.6%</b>		
ModivCare, Inc. (A)	166,092	19,255,046
Owens & Minor, Inc.	488,622	20,566,100
Tivity Health, Inc. (A)	673,643	17,137,478
<b>Health care technology 1.0%</b>		
Change Healthcare, Inc. (A)	773,796	15,228,305
<b>Life sciences tools and services 1.1%</b>		
Syneos Health, Inc. (A)	185,568	16,805,038
<b>Pharmaceuticals 1.3%</b>		
Prestige Consumer Healthcare, Inc. (A)	372,153	21,008,037
<b>Industrials 16.4%</b>		<b>261,375,469</b>
<b>Aerospace and defense 3.5%</b>		
Curtiss-Wright Corp.	128,799	17,103,219
Hexcel Corp. (A)	392,834	20,494,150
Mercury Systems, Inc. (A)	333,294	18,971,094
<b>Air freight and logistics 1.0%</b>		
Hub Group, Inc., Class A (A)	200,229	15,161,340
<b>Building products 3.2%</b>		
Gibraltar Industries, Inc. (A)	290,726	15,931,785
PGT Innovations, Inc. (A)	974,924	18,513,807
Simpson Manufacturing Company, Inc.	153,224	17,282,135
<b>Commercial services and supplies 1.0%</b>		
Healthcare Services Group, Inc.	872,561	15,871,885
<b>Construction and engineering 2.4%</b>		
Arcosa, Inc.	419,714	19,583,855
Quanta Services, Inc.	178,389	18,324,118
<b>Electrical equipment 1.2%</b>		
Regal Rexnord Corp.	122,791	19,459,918
<b>Machinery 3.1%</b>		
Blue Bird Corp. (A)	902,529	13,998,225
Meritor, Inc. (A)	789,164	18,190,230

	Shares	Value
<b>Industrials (continued)</b>		
<b>Machinery (continued)</b>		
The Timken Company	250,266	\$16,717,769
<b>Trading companies and distributors 1.0%</b>		
Applied Industrial Technologies, Inc.	160,971	15,771,939
<b>Information technology 23.6%</b>		<b>375,539,855</b>
<b>IT services 1.1%</b>		
WNS Holdings, Ltd., ADR (A)	207,523	17,465,136
<b>Semiconductors and semiconductor equipment 10.3%</b>		
Alpha & Omega Semiconductor, Ltd. (A)	441,062	19,861,022
Axcelis Technologies, Inc. (A)	372,410	23,316,590
FormFactor, Inc. (A)	547,038	23,380,404
MaxLinear, Inc. (A)	411,696	24,709,994
SMART Global Holdings, Inc. (A)	440,358	25,258,935
Tower Semiconductor, Ltd. (A)	702,888	24,144,203
Veeco Instruments, Inc. (A)	817,291	22,467,330
<b>Software 12.2%</b>		
ChannelAdvisor Corp. (A)	690,400	14,595,056
Cognyte Software, Ltd. (A)	1,381,035	14,984,228
CommVault Systems, Inc. (A)	292,229	19,713,768
CyberArk Software, Ltd. (A)	146,600	20,106,190
Ping Identity Holding Corp. (A)	1,133,436	22,430,698
Progress Software Corp.	442,333	20,130,575
Sailpoint Technologies Holdings, Inc. (A)	591,496	22,884,980
Tenable Holdings, Inc. (A)	449,943	23,127,070
Xperi Holding Corp.	1,128,106	19,031,148
Zuora, Inc., Class A (A)	1,078,324	17,932,528
<b>Materials 2.9%</b>		<b>45,712,088</b>
<b>Chemicals 1.4%</b>		
Avient Corp.	451,111	22,451,794
<b>Construction materials 1.5%</b>		
Summit Materials, Inc., Class A (A)	654,114	23,260,294
<b>Real estate 3.2%</b>		<b>51,197,442</b>
<b>Equity real estate investment trusts 3.2%</b>		
American Assets Trust, Inc.	484,027	17,410,451
First Industrial Realty Trust, Inc.	278,468	16,925,285
Sunstone Hotel Investors, Inc. (A)	1,490,867	16,861,706
<b>Utilities 0.8%</b>		<b>13,733,377</b>
<b>Multi-utilities 0.8%</b>		
Unitil Corp.	292,573	13,733,377
	<b>Yield (%)</b>	<b>Shares</b>
<b>Short-term investments 2.2%</b>		<b>\$34,995,426</b>
(Cost \$34,995,426)		
<b>Short-term funds 2.2%</b>		<b>34,995,426</b>
State Street Institutional U.S. Government Money Market Fund, Premier Class	0.0250(B)	34,995,426
<b>Total investments (Cost \$1,454,648,270) 99.8%</b>		<b>\$1,590,257,202</b>
<b>Other assets and liabilities, net 0.2%</b>		<b>2,528,864</b>
<b>Total net assets 100.0%</b>		<b>\$1,592,786,066</b>

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

**Security Abbreviations and Legend**

ADR American Depositary Receipt

(A) Non-income producing security.

(B) The rate shown is the annualized seven-day yield as of 1-31-22.

## 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, including exchange-traded or closed-end funds, 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 are valued at their respective NAVs each business day.

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.

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, including registered investment companies. 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.

As of January 31, 2022, all investments are categorized as Level 1 under the hierarchy described above.

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