

Global Impact Equity Strategy Update

Fourth Quarter, 2022



Portfolio Activity

We purchased Keyence, a Japanese specialist in machine vision technology that provides critical equipment and software for factory automation. Keyence's systems ensure product quality control and limit resource waste in key areas such as pharmaceuticals, medical devices, and solar panel manufacturing. Its products also contribute to a safer workplace environment and minimize the cumulative toll of strenuous physical labor. Through our impact theme of Education and Communication Empowerment, we bought PT Telkom Indonesia, which operates the largest cellular network in Indonesia, where only 15% of households have broadband services. We expect this to double in the next few years. Within our Inclusive & Sustainable Finance theme, we added Australia-headquartered Macquarie Group. We believe it is one of the global impact leaders in its field, playing a major role as financier of many energy transition projects including wind and green power/hydrogen. To fund these purchases, we sold Umicore, as it embarked on a path of very high capital spending in its EV battery cathode business with uncertain outcomes. We also sold Yamaha, reducing the overweight of leisure exposure in Japan.

Portfolio Review

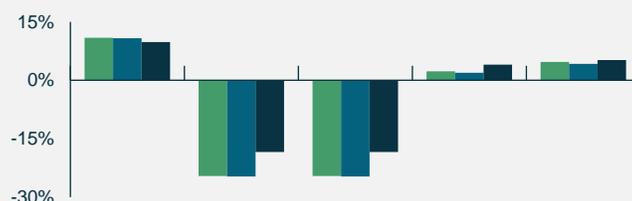
The Boston Common Global Impact Strategy returned +10.9% before fees, modestly ahead of the MSCI ACWI Index ("the Index"). The Consumer Discretionary sector was the primary driver of relative performance, led by housing developers, KB Home in the US and Barratt in the UK. Strength in leading auto parts recycler LKQ also helped. Wind turbine manufacturer Vestas rose, as operational headwinds began to dissipate. Xylem, a water systems specialist, and Schneider Electric, a global manufacturer of power distribution and industrial control equipment, also helped. Regionally, North American holdings, such as HIV treatment manufacturer Gilead and design software provider Adobe, added to relative performance. Additional contributors included traditional Chinese medicine-maker CTCM, insurance giant Ping An, and Borregaard, a Norwegian manufacturer of natural substitutes for petrochemical-based industrial ingredients.

Stock selection in the Materials sector was the primary detractor from relative returns. Chilean lithium producer SQM weighed on performance, as lithium prices cooled, while other cyclicals in metals and mining rose strongly. Ecolab, a specialty chemical company focused on improving customers' eco-efficiency, was weak, while Novozymes, a Danish enzyme specialist, retraced earlier gains upon news of a large acquisition. Enphase Energy, a leading provider of power inverters and controls for solar generation systems, partially gave back earlier gains. Japan was the leading regional detractor, with weakness in bike parts maker Shimano, musical instrument leader Yamaha, and air conditioning manufacturer Daikin.

Annual Returns

	2022	2021	2020	2019	2018
Gross	-24.6%	12.9%	25.8%	27.8%	-11.3%
Net	-24.7%	12.4%	25.0%	27.1%	-11.4%
MSCI ACWI	-18.4%	18.5%	16.3%	26.6%	-12.8%

Performance



	QTD	YTD	1Yr	3Yr	Since Inception*
Gross	10.9%	-24.6%	-24.6%	2.3%	4.7%
Net	10.8%	-24.7%	-24.7%	1.9%	4.2%
MSCI ACWI	9.8%	-18.4%	-18.4%	4.0%	5.2%

Portfolio Characteristics

	Boston Common	MSCI ACWI
# Holdings	58	2,885
Valuation		
Price/EPS (NTM)	16.3	15.0
Enterprise Value/EBITDA (NTM)	10.0	9.9
Price/Book	2.6	2.6
Price/Sales	2.0	1.9
Dividend Yield	1.7%	2.2%
Growth		
3yr EPS Consensus Growth	3.7%	2.5%
3yr Sales Growth	4.4%	5.3%
Quality		
Beta**	1.00	1.00
LT Debt to Cap.	31.2%	35.9%
Net Debt to EBITDA	1.5	1.3
Return on Equity	15.9%	16.4%
Earnings Variability***	21.0%	23.3%
Free Cash Flow Yield	3.3%	4.6%

Strategy Vehicle Options

Separate Account, Commingled Fund, Model/ADR, Mutual Fund¹

¹Subadvised by Boston Common

Source: APX Advent Portfolio Exchange. Past performance does not guarantee future results. All investments involve risk, including the risk of losing principal
*Since Inception: September 30, 2018 **The Beta calculation is based on the trailing five-year performance of a representative account within a portfolio's strategy, ***Variability is calculated as the mean absolute difference between actual earnings per share and a five-year historical growth trendline, expressed as a percentage of trendline.

Outlook and Positioning

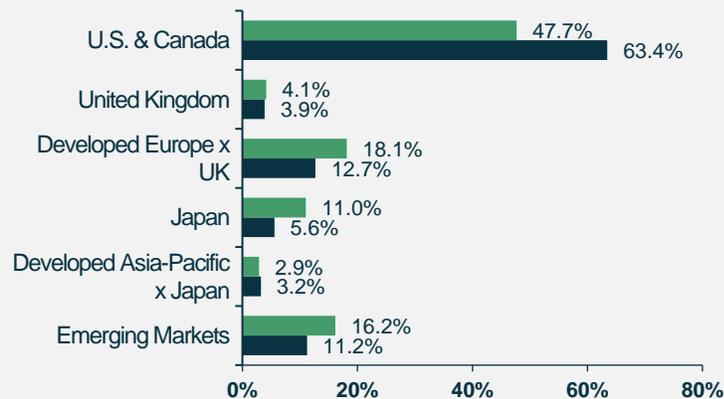
Global central banks have pivoted away from extremely stimulative policies by speedily raising rates and steadily reversing quantitative easing. Consequently, global economic growth is expected to decelerate with several developed nations likely to enter a mild recession. Higher interest rates and costs imply near-term challenges for corporate earnings. However, inflation may have peaked, and supply chain issues should improve after China largely dismantled its zero-COVID policy, defying the most optimistic expectations. China's recovery from lockdown should help offset domestic weakness for key trading partners in Europe and Asia. Many Emerging Market central banks are approaching the end of their tightening cycles, and we expect peak monetary tightening and interest rates to occur elsewhere in 2023. Increasingly, market participants may start to look over this hump. The unsettling consequences of Russia's ongoing invasion of Ukraine will continue to add to prolonged uncertainty.

The multi-year global stimulus packages governments have announced embed long-term, sustainability-driven capital spending and infrastructure projects. Russia's weaponization of fossil fuel supplies has enhanced the urgency of climate change actions and upgraded prospects for key net-zero initiatives. Our Global Impact strategy contains many leading solution providers to meet these challenges and has broad exposure to enablers and developers of renewable power, electrification, and energy efficiency. The strategy also exhibits leaders in societal impact investment themes. Despite some sensitivity to business cycles, large parts of the revenue generation of our portfolio holdings are supported by regulatory initiatives and secular changes in producers' and consumer demand.

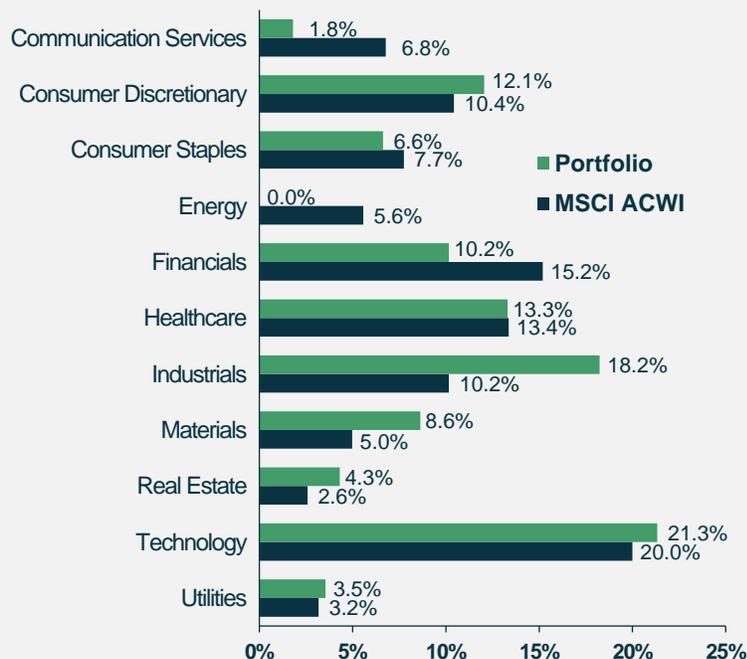
Contributors & Detractors

Top 10	% of Capital	Return	Relative Contrib.	Sector
GILEAD SCIENCES INC	2.5%	40.3%	0.62%	Healthcare
XYLEM INC	3.1%	26.9%	0.53%	Industrials
VESTAS WIND SYSTEM	1.2%	55.4%	0.45%	Industrials
CHINA TRAD CHINESE	1.6%	30.7%	0.42%	Healthcare
INFINEON TECHNOLOG	1.7%	36.4%	0.35%	Technology
BORREGAARD ASA SHS	1.6%	30.7%	0.29%	Materials
KB HOME	2.3%	24.2%	0.29%	Consumer Discretionary
SCHNEIDER ELECTRIC	2.4%	21.8%	0.26%	Industrials
PING AN INSURANCE	1.3%	32.5%	0.25%	Financials
ADOBE SYSTEMS INC	1.9%	22.3%	0.22%	Technology
			3.68%	

Regional Allocation



Sector Allocation



Bottom 10	% of Capital	Return	Relative Contrib.	Sector
PAYPAL HLDGS INC	2.3%	-17.3%	-0.67%	Technology
PAGSEGURO DIGITAL LTD	1.2%	-33.9%	-0.56%	Technology
SALESFORCE INC	2.1%	-7.8%	-0.34%	Technology
TOPBUILD CORP	2.1%	-5.0%	-0.33%	Consumer Discretionary
SOCIEDAD QUIMICA MINERA	1.6%	-9.0%	-0.30%	Materials
SHIMANO INC	2.2%	0.9%	-0.21%	Consumer Discretionary
ENPHASE ENERGY INC	2.2%	-4.0%	-0.20%	Technology
INTUIT	2.4%	0.9%	-0.19%	Technology
TOMRA SYS A / S	1.2%	-4.8%	-0.19%	Industrials
BYD COMPANY LTD	1.8%	-0.4%	-0.19%	Consumer Discretionary
			-3.19%	

Source: APX Advent Portfolio Exchange. Past performance does not guarantee future results. All investments involve risk, including the risk of losing principal. The information in this document is not a recommendation to buy or sell any security. There is no assurance that securities discussed will remain in a strategy upon receiving this document. Securities discussed represent only a portion of a strategy's holdings. It should not be assumed that securities transactions discussed were or will be profitable. Composite returns are presented in U.S. dollars, net of transaction costs, management fees and withholding taxes, with interest and dividends accrued. Returns for periods greater than one year are annualized. This product invests in foreign securities, which are subject to special currency, political and economic risks. The MSCI (Net) ACWI Index is a free-float adjusted, market capitalization-weighted index of the largest publicly traded companies listed on the exchanges of the developed and emerging market countries around the world. The index is unmanaged and does not incur management fees, transaction costs, or other expenses associated with separately managed accounts. The composition of our composite varies from the composition of the Index because of differences in sector and industry exposure, risk, volatility and holdings. Boston Common claims compliance with Global Investment Performance Standards (GIPS®). For a full listing of Boston Common's composites and to request a GIPS® Compliant presentation, please call department at 617-720-5557.