

Columbia Threadneedle US Large Cap Growth SMA Strategy

Strategy invests in high-quality companies with strong growth potential, focuses on sustainable growth and ESG factors, and manages risk through diversification and disciplined approach.

Performance

The Columbia Threadneedle US Large Cap Growth SMA Composite returned 9.93% pure gross of fees and 9.13% net of fees for the quarter ending June 30, 2024. The strategy's benchmark Russell 1000 Growth Index returned 8.33% for the same period.

Market overview

The major large-cap U.S. equity indexes climbed to a series of record highs in the second quarter, but leadership became increasingly narrow amid rising uncertainty about the outlook for the economy and interest rates. While economic growth remained positive overall, signs of strain in specific areas – particularly mid- to lower-end consumers – dampened the outlook for the second half of the year. In addition, statements from U.S. Federal Reserve officials appeared to indicate that there were unlikely to be meaningful rate cuts until 2025.

These developments contributed to modest losses in market segments with greater vulnerability to slowing growth and higher rates. Both mid- and small-cap stocks lost ground based on returns of -3.35% and -3.28%, respectively, for the Russell Midcap Index and Russell 2000 Index. The quarter was also characterized by weakness in the value style, as gauged by the -2.17% return of the Russell 1000 Value Index. Still, broad-based large-cap measures such as the Russell 1000 Index – which rose 3.57% – finished in positive territory thanks to continued strength in growth stocks. The Russell 1000 Growth Index surged 8.33%, far outpacing the broader market. Performance in this area was driven by a very narrow group of mega-cap technology companies that have become an increasingly

Average annual total returns (%) for period ending 06/30/2024

	Inception	3-mon.	1-year	Since inception
Columbia Threadneedle US Large Cap Growth SMA Composite (pure gross)	03/31/2020	9.93	35.80	23.82
Columbia Threadneedle US Large Cap Growth SMA Composite (net)		9.13	31.88	20.22
Russell 1000 Growth Index		8.33	33.48	24.18

Source: Columbia Threadneedle Investments

Past performance does not guarantee future results. Composite returns reflect the reinvestment of income and capital gains, and periods over one year are annualized. Pure gross of fees performance does not include trading costs, management fees, or other expenses that would be incurred by a participant portfolio, but does reflect the expenses of any underlying fund and ETF investments. Net of fees performance reflects deduction of the maximum annual wrap fee of 3%. Investors should contact their financial advisor or program sponsor for fees applicable to their account. Please see the GIPS report for more information.

large percentage of the total U.S. market. The top six stocks in the Russell 1000 Index had a weighting of nearly 30% as of June 30, meaning that gains in this segment were sufficient to offset the weaker returns elsewhere.

Quarterly portfolio recap

In sector terms, selection within health care, consumer staples and industrials led positive contributions to performance relative to the benchmark, while selection within information technology and real estate weighed most heavily on relative performance.

Within health care, positive contributions were led by Insmed, a commercial-stage biopharmaceutical company focused primarily on treatments for pulmonary disease. The stock meaningfully outperformed during the quarter following positive Phase III data for its Brensocatib drug in treating non-cystic fibrosis bronchiectasis (NCFB). Brensocatib could be a game changer for the company, given the multi-billion-dollar total addressable market and no other approved NCFB therapies on the market. Outperformance for Eli Lilly reflected strong sales of its new GLP-1 obesity drug, Zepbound (already marketed for diabetes treatment as Mounjaro), driven in part by a rapid increase in the percentage of patients deemed eligible for insurance reimbursement. The company raised revenue guidance for the year and provided positive commentary on the ramping up of its GLP-1 manufacturing facilities. During the quarter, trial data was published supporting additional GLP-1 health benefits, including treating sleep apnea.

Within consumer staples, Costco's monthly sales updates indicate that the warehouse club continues to gain market share driven by its traffic momentum, despite concerns about the economic health of consumers broadly. At the end of May, a strong earnings report and bullish commentary around consumer buying habits at Costco helped lift the stock.

While selection lagged within information technology, a number of the strategy's leading individual contributors came from within the sector. Qualcomm has seen increased demand across its end markets, most notably communications, where it is a leading provider of chips used in mobile phones. In addition, Apple's incorporation of artificial intelligence (AI) features into its new phones is expected to drive a significant phone upgrade cycle among consumers. Enterprise security software company Palo Alto outperformed, as management provided reassurance with respect to demand trends, even as software providers more focused on AI-related markets are experiencing delays in closing deals. In addition, the company's transition to a platform approach to deals under which it bundles its cybersecurity products into a larger offering is progressing according to expectations. NVIDIA reported another strong quarter led by demand for the company's accelerated computing chips used in AI development, while also raising guidance. The company is already shipping its next generation of AI accelerator chips and sales growth continues to outpace expectations.

Conversely, an overweight to software companies within information technology proved to be a headwind, as sales cycles became elongated, with customers delaying the adoption of AI-based products likely until 2025. In this vein, MongoDB and Salesforce were among the biggest laggards. We exited MongoDB in the quarter but continue to view Salesforce as positioned to be a leader within AI software. Elsewhere, while AMD is viewed as the clear number two after NVIDIA when it comes to providing accelerators for AI, uncertainty around uptake for the company's new MI300 supercomputer chip weighed on the stock during the quarter, along with weaker-than-expected results in AMD's non-AI businesses.

Within real estate, exposure to Equinix was the leading detractor, as the data center real estate investment trust (REIT) was out of favor along with much of the broader REIT segment. REITs are commonly viewed as bond surrogates and have come under pressure due to higher Treasury yields, as expectations for Fed rate cuts have been pushed back due to a resilient economy and job market.

While selection within consumer discretionary was positive overall, travel site operator Expedia was among the biggest individual detractors. The company reported another disappointing quarter driven in part by a slower-than-expected recovery in bookings through VRBO, despite efforts to upgrade the vacation-rental portal's technology platform over recent years. We exited the position in the quarter.

Outlook

We continue to have a balanced view of the macroeconomic backdrop, as there are some reasons for caution, including rising consumer credit usage and delinquencies, as well as inflation that remains above the Fed's target. In addition, spending on the part of consumers (especially lower income) and enterprises has become more restrained.

Key variables include the extent to which inflation continues to weigh on consumers going forward, the timing and pace of Fed rate cuts, and uncertainty in the run-up to November's presidential election. Unemployment, while still low, has ticked up, and the pace of wage growth has eased, suggesting that the timetable for Fed rate cuts may not be overly elongated.

We continue to focus on selecting stocks of companies with idiosyncratic drivers or secular growth tailwinds with the potential to outperform in a wide range of economic environments. In so doing, we seek a combination of certain characteristics that we believe has the potential to outperform throughout a market cycle. Specifically, we emphasize high-quality established and emerging growth companies that share four characteristics: large and expanding market opportunities, sustainable and durable competitive advantages, improving free-cash-flow generation and accelerating returns on invested capital.

Effective June 30, 2024, the strategy name changed from Columbia Large Cap Growth SMA to Columbia Threadneedle US Large Cap Growth SMA.

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Generally, **large-cap** companies are more mature and have limited growth potential compared to smaller companies. In addition, large companies may not be able to adapt as easily to changing market conditions, potentially resulting in lower overall performance compared to the broader securities markets during different market cycle.

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Indices shown are unmanaged and do not reflect the impact of fees. It is not possible to invest directly in an index.

The **Russell 1000 Index** tracks the performance of 1000 of the largest U.S. companies, based on market capitalization.

The **Russell 1000 Growth Index** measures the performance of those Russell 1000 Index companies with higher price-to-book ratios and higher forecasted growth values.

The **Russell 1000 Value Index** measures the performance of those Russell 1000 Index companies with lower price-to-book ratios and lower forecasted growth values.

The **Russell 2000 Index** measures the performance of the 2,000 smallest companies in the Russell 3000 Index, which represents approximately 8% of the total market capitalization of the Russell 3000 Index.

The **Russell MidCap Index** measures the performance of the 800 smallest companies in the Russell 1000 Index, which represent approximately 25% of the total market capitalization of the Russell 1000 Index.

The **Standard & Poor's 500 Index** (S&P500 Index) is an unmanaged list of common stocks which includes 500 large companies.

Columbia Threadneedle US Large Cap Growth SMA Composite

GIPS Report

Columbia Threadneedle Investments Global Asset Management

Reporting Currency: USD

Statement of Performance Results

Calendar Year	Pure Gross-of-fees Return (%)	Net-of-fees Return (%)	Index Return (%)	Composite 3-Yr St Dev (%)	Index 3-Yr St Dev (%)	Internal Dispersion (%)	Number of Portfolios	Total Composite Assets (mil.)	Total Firm Assets (mil.)
2023	46.44	42.24	42.68	20.45	N.A.	N.A.	≤ 5	0.1	N.A.
2022	-30.42	-32.55	-29.14	N.A.	N.A.	N.A.	≤ 5	0.1	N.A.
2021	29.12	25.37	27.60	N.A.	N.A.	N.A.	≤ 5	0.2	N.A.
2020 *	53.94	50.67	61.22	N.A.	N.A.	N.A.	≤ 5	0.2	N.A.

Annualized Trailing Performance as of December 31, 2023

Period	Gross-of-fees Return (%)	Net-of-fees Return (%)	Index Return (%)
1 Year	46.44	42.24	42.68
Inception	20.71	17.18	21.57

Inception Date: 03/31/2020

Columbia Threadneedle US Large Cap Growth SMA

Composite

GIPS Report

Columbia Threadneedle Investments Global Asset Management

Reporting Currency: USD

1. Columbia Threadneedle Investments Global Asset Management claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with the GIPS standards. Columbia Threadneedle Investments Global Asset Management has been independently verified for the periods of January 1, 1993 to December 31, 2022. The verification report is available upon request. A firm that claims compliance with the GIPS standards must establish policies and procedures for complying with all the applicable requirements of the GIPS standards. Verification provides assurance on whether the firm's policies and procedures related to composite and pooled fund maintenance, as well as the calculation, presentation, and distribution of performance, have been designed in compliance with the GIPS standards and have been implemented on a firm-wide basis. Verification does not provide assurance on the accuracy of any specific performance report. GIPS® is a registered trademark of CFA Institute. CFA Institute does not endorse or promote this organization, nor does it warrant the accuracy or quality of the content contained herein.
2. The Firm is defined as Columbia Threadneedle Investments Global Asset Management (formerly known as Columbia Threadneedle Investments North America prior to June 30, 2024). The Firm provides a broad range of investment management and related services to individual, institutional, and corporate clients around the world. Columbia Threadneedle Investments is the global brand name of the Columbia and Threadneedle group of companies. The Firm was redefined on June 30, 2024, to include the GIPS firms of Columbia Management Capital Advisers, Columbia Threadneedle Investments EMEA APAC, and Columbia Threadneedle (EM) Investments Limited. The Columbia Management Capital Advisers firm offered investment management and related services to clients participating in various types of wrap programs. The Columbia Threadneedle Investments EMEA APAC firm consisted of all portfolios managed by various Threadneedle group companies. The Columbia Threadneedle (EM) Investments Limited firm was a subsidiary of Columbia Threadneedle Investments International Limited, which defined a portion of its business specializing in Global Emerging Markets equities. As of November 1, 2020, the Firm was redefined to include Columbia Cent CLO Advisers, LLC. As of January 1, 2017, the Firm was redefined to include Columbia Wanger Asset Management, LLC, a wholly-owned subsidiary of Columbia Management Investment Advisers, LLC. Beginning March 30, 2015, the Columbia and Threadneedle group of companies, which includes multiple separate and distinct GIPS-compliant firms, began using the global offering brand Columbia Threadneedle Investments. The Firm includes accounts managed by various Columbia Threadneedle Investments entities, including Columbia Management Investment Advisers, LLC, Threadneedle Asset Management Limited, Threadneedle Investments Singapore (Pte.) Limited, Threadneedle Management Luxembourg S.A., and other affiliated entities.
3. The Strategy aims to achieve long-term capital appreciation by investing primarily in stocks of companies with a market capitalization, at the time of purchase, similar to those in the Russell 1000 Growth Index. Portfolios managed in this composite are Separately Managed (WRAP) accounts. The benchmark is the Russell 1000® Growth Index. The composite was created April 1, 2020.
4. Pure gross returns presented in the table above are gross of the wrap fee and do not reflect the deduction of any trading costs, fees, or expenses and are supplemental to the net returns. The wrap fee will normally include all charges for trading costs, portfolio management fee, custody, and other administrative fees. Composite net returns are calculated by subtracting 1/12th of the highest applicable wrap fee (3.00%) from the monthly pure gross return. Actual fees may vary depending on the individual sponsor's wrap fee. Composite returns reflect the reinvestment of dividends and other earnings.
5. Internal dispersion is calculated using the equal-weighted standard deviation of the annual gross returns of those portfolios that were included in the Composite for the entire year. If the composite contains five or fewer accounts for the full year, a measure of dispersion is not statistically representative and is therefore not shown.
6. The three-year annualized standard deviation measures the variability of the gross-of-fees composite and benchmark returns over the preceding 36-month period. It is not required to be presented when a full three years of performance is not yet available.
7. Returns are calculated net of non-reclaimable withholding taxes on dividends, interest, and capital gains. Policies for valuing investments, calculating performance, and preparing GIPS Reports, as well as the list of composite descriptions, list of pooled fund descriptions for limited distribution pooled funds, and the list of broad distribution pooled funds are available upon request.
8. The following fee schedule represents the maximum wrap fee that a sponsor may charge clients seeking investment management services in the designated strategy: 3.00%. The following statement demonstrates, with a hypothetical example, the compound effect fees have on investment return: a 3% annual wrap fee deducted monthly from an account with a 5-year annualized growth rate of 6% will produce a cumulative pure gross return of 33.8% and the cumulative net of fee result of 15.2%.
9. The benchmark is the Russell 1000 Growth Index that measures the performance of those Russell 1000 Index companies with higher price-to-book ratios and higher forecasted growth values. Index returns reflect the reinvestment of dividends and other earnings and are not covered by the report of the independent verifiers.

Columbia Threadneedle US Large Cap Growth SMA Composite

GIPS Report

Columbia Threadneedle Investments Global Asset Management

Reporting Currency: USD

10. Past performance is no guarantee of future results and there is the possibility of loss of value. There can be no assurance that an investment objective will be met or that return expectations will be achieved. Care should be used when comparing these results to those published by other investment advisers, other investment vehicles and unmanaged indices due to possible differences in calculation methods.

11. Prior to 6/30/2024, the composite was referred to as the Columbia Large Cap Growth SMA Composite.

12. This composite was included in the Columbia Management Capital Advisers GIPS firm prior to joining the Columbia Threadneedle Investments Global Asset Management GIPS firm on 6/30/2024. As the composite was not part of Columbia Threadneedle Investments Global Asset Management prior to 6/30/2024, firm assets are shown as "N/A" in the performance table.