

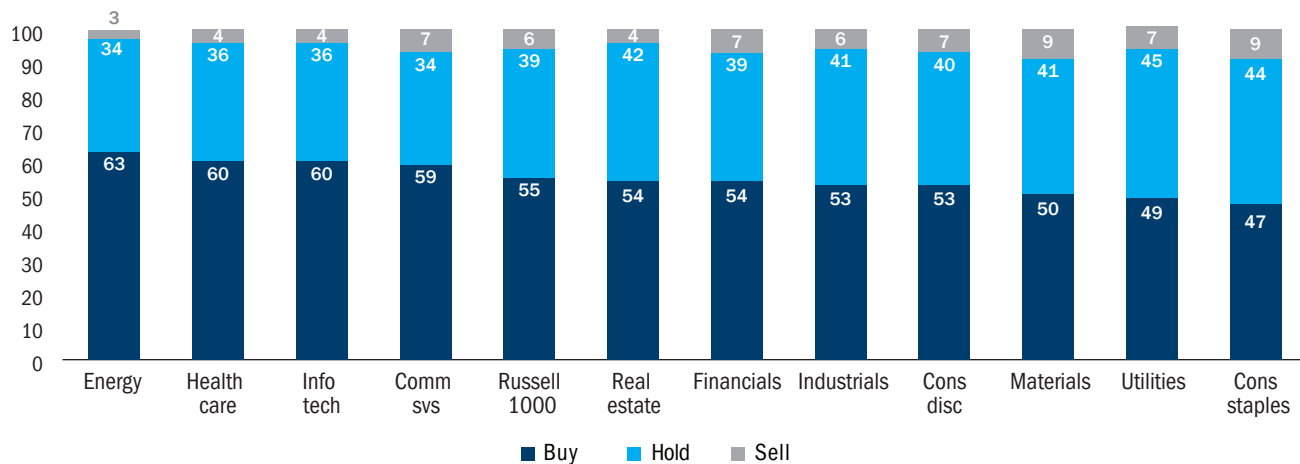
## RECS AND REVS | COLUMBIA RESEARCH ENHANCED CORE AND VALUE ETFs SAME BENCHMARK. ADDED INSIGHT. GREATER POTENTIAL.

### Traditional benchmarks may fall short

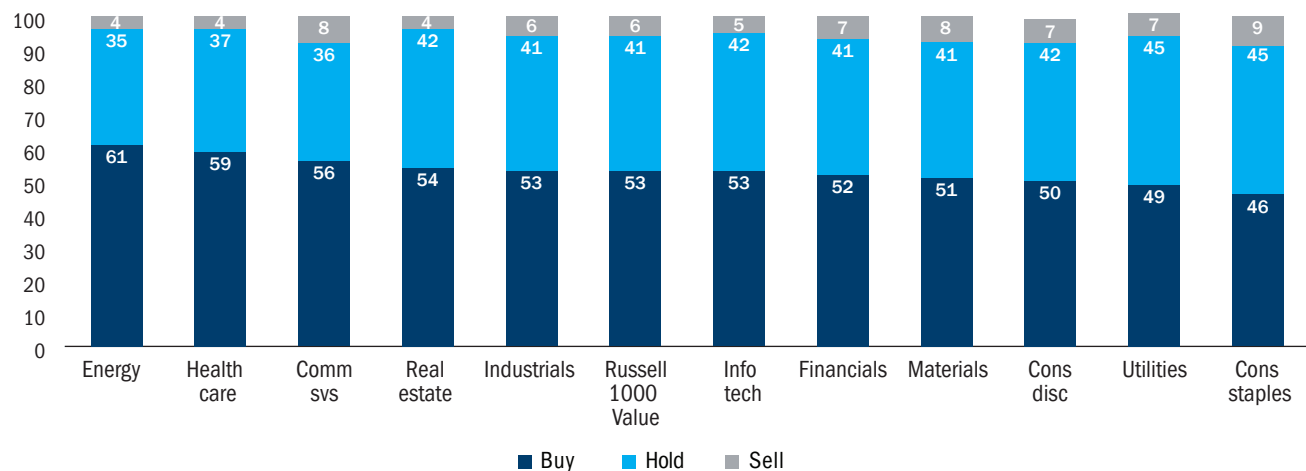
With money pouring into benchmark ETFs and advisors looking for quality in the construction of their underlying index, it's important to understand the stocks behind the ETF. After all, benchmarks are created for performance measurement; they are not designed to be portfolios. And generic passive solutions, built off benchmarks, may not provide the exposure advisers expect or their clients need.

### More than 40% of the stocks in the Russell 1000® and Russell 1000® Value have at least one sell-side analyst rating of “hold” or “sell.”

Russell 1000® Index analyst recommendations (%)



Russell 1000® Value Index analyst recommendations (%)



Source: Bloomberg, as of 07/07/23. Sell-side analyst ratings are third-party published ratings. Some values may not add to 100 due to rounding. **Past performance is not a guarantee of future results.** It is not possible to invest directly in an index. This information is intended for illustrative purposes only. It is not intended to be representative of specific portfolio holdings.

## Optimize equity index exposure with research and insights

We believe insights and construction matter when building ETFs. To complement our robust lineup of Strategic Beta® products, we created Columbia Research Enhanced Core ETF (RECS) and Columbia Research Enhanced Value ETF (REVS).

The key feature of these solutions is how we integrate our proprietary quantitative research ratings:

- We take the universe of all securities in the Russell 1000® Index (RECS) and Russell 1000® Value Index (REVS).
- Unlike indices that simply follow the Russell, we then aim to eliminate the securities deemed undesirable based on our proprietary quantitative research, and we rebalance semiannually.\*
- Like the Russell benchmark indices, we weight the individual securities by market capitalization, remaining GICS sector-neutral to the parent index.

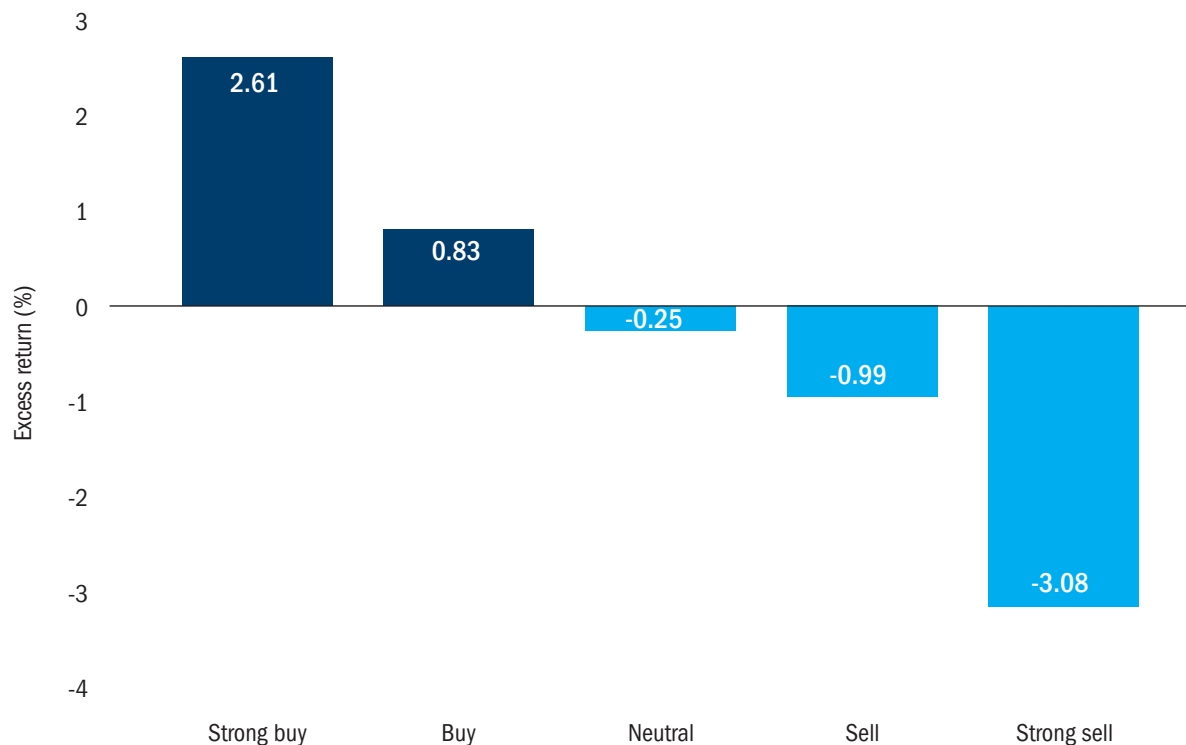
By removing the bottom performers of a popular benchmark, we're able to offer ETFs that track meaningfully constructed, enhanced indices designed to optimize equity index exposure — at a price comparable to the benchmark.

## Our proprietary quantitative research expertise has achieved excess returns over time

Over time, stocks that have been rated “strong buy” have provided 2.61% of excess return over median performance, and those rated “strong sell” have detracted from median performance by 3.08%.\*\* RECS and REVS leverage this research, built on sector-specific factors across value, quality and catalyst models. By eliminating stocks rated “sell” and “strong sell,” we enhance our opportunity to outperform the generic benchmarks.

### Historically, stocks rated “strong buy” have delivered more excess return than stocks rated “strong sell.”

Large-cap core model rating buckets' excess return



\* All GICS-classified biotech industry-eligible constituents are included. See additional information on index construction on the next page. Chart coverage period December 1, 2004, to June 30, 2023. **Past performance is not a guarantee of future results.**

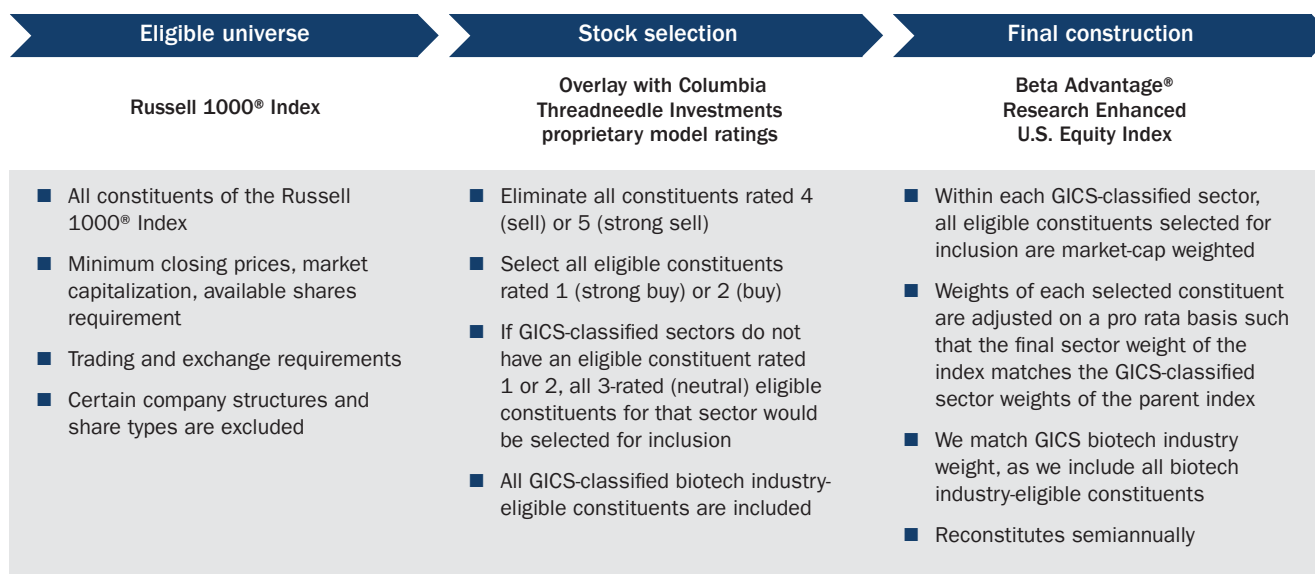
\*\* Source: Columbia Threadneedle Investments.

This chart represents historical data for the model used by the quantitative research team and reflects enhancements made to the model over the period shown. Securities are ranked monthly into five categories, and excess return is measured against the median performance of all securities ranked. Securities may or may not be held in any managed portfolio, and this chart does not represent the performance of any particular investment product. Results provided for illustrative purposes only.

## Deliver sector-neutral exposure plus greater return potential

The table below illustrates how we built RECS. We took the same approach when constructing REVS, using the Russell 1000® Value Index.

### Building RECS: Beta Advantage® Research Enhanced U.S. Equity Index construction



Source: Columbia Threadneedle Investments. It is not possible to invest directly in an index.

The result of this strategic construction is that the indices underlying RECS and REVS provide sector-neutral exposure to the standard benchmarks.

### REVS and RECS: Sector neutral to the index

Sector weights	Beta Advantage® Research Enhanced U.S. Equity Index	Russell 1000® Index	Beta Advantage® Research Enhanced U.S. Value Index	Russell 1000® Value Index
Communication services	8.04	8.07	5.14	5.10
Consumer discretionary	10.87	10.91	5.22	5.28
Consumer staples	6.32	6.28	8.36	8.36
Energy	4.16	4.01	8.14	7.93
Financials	13.01	12.87	20.14	20.08
Healthcare	13.24	13.26	15.56	15.81
Industrials	9.55	9.52	13.51	13.47
Information technology	26.77	27.11	8.90	9.05
Materials	2.69	2.66	4.87	4.84
Real estate	2.81	2.83	4.90	4.91
Utilities	2.54	2.47	5.25	5.17

Source: FTSE Russell, Columbia Threadneedle Investments as of 06/30/23. Columbia Research Enhanced Core and Value ETFs seek investment results that correspond (before fees and expenses) to the price and yield performance of the Beta Advantage® Research Enhanced U.S. Equity Index and Beta Advantage® Research Enhanced U.S. Value Index, respectively. Weightings subject to change. **Past performance does not guarantee future results.** It is not possible to invest directly in an index.

## Investing smarter for the world you want.

At **Columbia Threadneedle Investments**, we invest to make a difference in your world, and the wider world. Millions of people rely on us to manage their money and invest for their future; together they entrust us with \$617 billion.\* We are globally connected with a team of over 650 investment professionals providing diverse expertise, spanning almost every asset class and market. We are intense about research as we believe that original independent research makes investment decisions smarter. We have a responsible ethos as investment decisions today help define the future we all seek. Every day, we're looking for opportunities to improve how we invest and what our clients experience; our focus on continuous improvement means that we never stand still. Whatever world you want, our purpose is to help you achieve it.

### Key benefits of RECS and REVS

- Optimize index exposure by eliminating poorly rated securities and increasing exposure to favorably rated securities
- Deliver enhanced return potential through a rules-based investment approach and research insights
- Offer cost efficiency by maintaining expense ratios comparable to their benchmark ETF peer groups

To learn more about our ETFs, call **800.426.3750**  
or visit [columbiathreadneedleus.com/ETFs](https://columbiathreadneedleus.com/ETFs).



\* Columbia Threadneedle Investments as of June 30, 2023.

**Investors should carefully consider the investment objectives, risks, charges and expenses of the fund before investing. To obtain a prospectus containing this and other important information, please visit [www.columbiathreadneedleus.com/etfs](https://www.columbiathreadneedleus.com/etfs) to view or download a prospectus. Read the prospectus carefully before investing.**

*ETF shares are bought and sold at market price (not NAV) and are not individually redeemable. Investors buy and sell shares on a secondary market. Shares may trade at a premium or discount to the NAV. Only market makers or "authorized participants" may trade directly with the fund(s), typically in blocks of 50,000 shares.*

**Investing** involves risks, including the risk of loss of principal. Market risk may affect a single issuer, sector of the economy, industry or the market as a whole. The fund is **passively managed** and seeks to track the performance of an index. There is no guarantee that the index and, correspondingly, the fund will achieve positive returns. Risk exists that the index provider may not follow its **methodology** for index construction. Errors may result in a negative fund performance. The fund's **net asset value** will generally decline when the market value of its targeted index declines. The fund **concentrates** its investments in issuers of one or more particular industries to the same extent as the underlying index. Investments in a narrowly focused sector may exhibit higher volatility than investments with a broader focus. Investments selected using **quantitative methods** may perform differently from the market as a whole and may not enable the fund to achieve its objective. Investment in **larger companies** may involve certain risks associated with their larger size and may be less able to respond quickly to new competitive challenges than smaller competitors. Investments in **mid-cap companies** often involve greater risks than investments in larger companies and may have less predictable earnings and be less liquid than the securities in larger firms. **Growth securities**, at times, may not perform as well as **value securities** or the stock market in general and may be out of favor with investors. **Value securities** may be unprofitable if the market fails to recognize their intrinsic worth or the portfolio manager misgauged that worth. Although the fund's shares are listed on an **exchange**, there can be no assurance that an active, liquid or otherwise orderly trading market for shares will be established or maintained. The fund may have **portfolio turnover**, which may cause an adverse cost impact. There may be additional **portfolio turnover risk** as active market trading of the fund's shares may cause more frequent creation or redemption activities that could, in certain circumstances, increase the number of portfolio transactions as well as tracking error to the index and high levels of transactions increase brokerage and other transaction costs and may result in increased taxable capital gains.

Shares are not FDIC insured, may lose value and have no bank guarantee.

The Russell 1000® Index tracks the performance of 1000 of the largest U.S. companies, based on market capitalization. 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. It is not possible to invest directly in an index.

Columbia Management Investment Advisers, LLC serves as the investment manager to the ETFs. The ETFs are **distributed by ALPS Distributors, Inc.**, which is not affiliated with Columbia Management Investment Advisers, LLC, Columbia Management Investment Distributors, Inc. or its parent company Ameriprise Financial, Inc.

**Not FDIC or NCUA Insured** | **No Financial Institution Guarantee** | **May Lose Value**

Columbia Threadneedle Investments (Columbia Threadneedle) is the global brand name of the Columbia and Threadneedle group of companies.

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