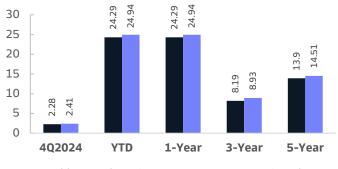
# ActiveBeta® U.S. Large Cap Equity Index

402024

# **Performance Attribution**

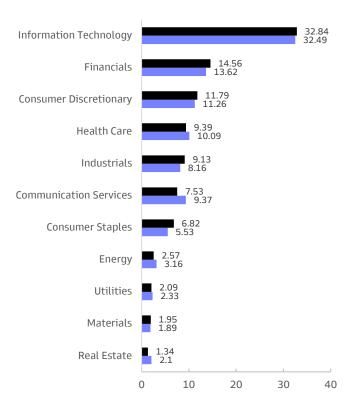
## **Index Performance (%)**



- Goldman Sachs ActiveBeta® U.S. Large Cap Equity Index
- S&P 500 Index

#### Sector Exposures (%) - Quarter-End

- Goldman Sachs ActiveBeta® U.S. Large Cap Equity Index
- S&P 500 Index



### Factor Contributions to Excess Returns (%)

Period	Value	Momentum	Quality	Low Volatility	Excess Return
4Q2024	-0.28	0.25	0.18	-0.29	-0.13
YTD	-1.04	1.07	0.00	-0.69	-0.66
1-Year	-1.04	1.07	0.00	-0.69	-0.66
3-Year	-0.26	0.59	-0.52	-0.56	-0.75
5-Year	-0.45	0.44	0.21	-0.80	-0.60

#### Sector Contributions to Excess Return (bps) – 4Q2024

Sector	Stock Selection	Sector Selection	Total	
Information Technology	16	1	18	
Real Estate	3	11	14	
Utilities	9	5	14	
Health Care	1	12	13	
Energy	7	4	11	
Financials	12	-2	11	
Materials	4	-0	4	
Consumer Staples	5	-4	1	
Industrials	-17	-6	-23	
Communication Services	-15	-8	-23	
Consumer Discretionary	-61	9	-52	
Total	-35	22	-13	

ActiveBeta® U.S. Large Cap Equity Index inception date 8/20/15. Source: Goldman Sachs Asset Management, Bloomberg. ActiveBeta® is a registered trademark of Goldman Sachs Asset Management. Please visit our Web site at: www.GSAMFUNDS.com/ETFs to obtain the most recent month-end returns. Due to rounding, drifting of factor portfolio weights and differences in data sources, numbers may not sum to provided totals. The Goldman Sachs ActiveBeta® U.S. Large Cap Equity Index is designed to deliver exposure to equity securities of large capitalization U.S. issuers.Please see end disclosures for additional information. The Index is reconstituted and rebalanced quarterly. **Past performance does not guarantee future results, which may vary.** Sector exposures are subject to change. Index returns do not reflect ETF returns. Periods of more than one year are annualized.

Waight (%)

# Top Ten Holdings (%) - Quarter-End

	Sector	Country	Weight (%)			
Issuer			AB Index	S&P 500	Active	
Apple Inc	Information Technology	US	6.99	7.60	-0.61	
NVIDIA Corp	Information Technology	US	6.07	6.61	-0.55	
Microsoft Corp	Information Technology	US	5.77	6.29	-0.52	
Amazon.com Inc	Consumer Discretionary	US	3.68	4.12	-0.44	
Meta Platforms Inc	<b>Communication Services</b>	US	2.66	2.56	0.10	
Alphabet Inc	<b>Communication Services</b>	US	2.08	4.04	-1.96	
Broadcom Inc	Information Technology	US	1.61	2.17	-0.56	
Eli Lilly & Co	Health Care	US	1.19	1.22	-0.03	
JPMorgan Chase & Co	Financials	US	1.14	1.36	-0.22	
Berkshire Hathaway Inc	Financials	US	1.11	1.67	-0.55	

# Top Five Overweights (%) - Period-end

	Sector	Country	weight (%)			
Issuer			AB Index	S&P 500	Active	
VeriSign Inc	Information Technology	US	0.43	0.03	0.40	
Synchrony Financial	Financials	US	0.41	0.05	0.36	
Fair Isaac Corp	Information Technology	US	0.44	0.10	0.34	
Kroger Co	Consumer Staples	US	0.41	0.08	0.33	
Builders FirstSource Inc	Industrials	US	0.35	0.03	0.32	

# Top Five Underweights (%) - Period-end

		Country	Weight (%)			
Issuer	Sector		AB Index	S&P 500	Active	
Alphabet Inc	Communication Services	US	2.08	4.04	-1.96	
Tesla Inc	Consumer Discretionary	US	1.07	2.26	-1.19	
Apple Inc	Information Technology	US	6.99	7.60	-0.61	
Broadcom Inc	Information Technology	US	1.61	2.17	-0.56	
Berkshire Hathaway Inc	Financials	US	1.11	1.67	-0.55	

# **Top Five Contributors to Excess Return (%) - 4Q2024**

	Sector	Country	Average Weight (%)			
Issuer			AB Index	S&P 500	Active	Contribution to Excess Return (bps)
AppLovin Corp	Information Technology	US	0.11	0.00	0.11	10
Atlassian Corp	Information Technology	Australia	0.27	0.00	0.27	9
Synchrony Financial	Financials	US	0.39	0.05	0.34	8
Apollo Global Management Inc	Financials	US	0.28	0.02	0.26	7
Advanced Micro Devices Inc	Information Technology	US	0.26	0.47	-0.21	7

## Top Five Detractors from Excess Return (%) - 4Q2024

	Sector	Country	Average Weight (%)			
Issuer			AB Index	S&P 500	Active	Contribution to Excess Return (bps)
Tesla Inc	Consumer Discretionary	US	0.84	1.78	-0.95	-41
Palantir Technologies Inc	Information Technology	US	0.02	0.23	-0.22	-15
Alphabet Inc	Communication Services	US	2.62	3.74	-1.12	-14
Broadcom Inc	Information Technology	US	1.27	1.72	-0.45	-14
Builders FirstSource Inc	Industrials	US	0.43	0.04	0.39	-13

Source: Goldman Sachs Asset Management, Bloomberg. Goldman Sachs ActiveBeta® U.S. Large Cap Equity ETF inception Date: 9/17/15 and ActiveBeta® U.S. Large Cap Equity Index inception date 8/20/15. AB Index = ActiveBeta® U.S. Large Cap Equity Index. ActiveBeta® is a registered trademark of Goldman Sachs Asset Management. Please visit our Web site at: https://am.gs.com/en-gb/advisors/products/exchange-traded-funds to obtain the most recent month-end returns. Due to rounding, drifting of factor weights and differences in data sources, numbers may not sum to provided totals. Holdings are subject to change. Index returns do not reflect ETF returns. **Past performance does not guarantee future results, which may vary.** 

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