

HARBOR LONG-TERM GROWERS ETF

Jennison Associates LLC

Subadvisor Since 02/02/22

Ticker: WINN
CUSIP: 41151J406
Net Expense Ratio: 0.57%
Gross Expense Ratio: 0.57%
Total Net Assets: \$514,068,354
Benchmark Name: Russell 1000® Growth Index

Portfolio Managers



Kathleen A. McCarragher



Blair A. Boyer



Natasha Kuhlkin



Jason McManus

Investment Philosophy

The Harbor Long-Term Growers ETF (WINN) seeks long-term growth of capital. The Fund invests primarily in equity securities of U.S. companies that the investment team believes will deliver superior long-term growth in revenues and earnings. This strategy employs a proprietary combination of bottom-up, fundamental research and systematic portfolio construction to derive a portfolio of growth stocks that reflects a compelling combination of opportunity, valuation and risk.

The investment team's fundamental research seeks to identify large- and mid- capitalization companies that have superior prospects for long-term growth. The investment team uses systematic portfolio construction to achieve characteristics and risk exposures consistent with the ETF's objectives. Portfolio optimization tools are employed to incorporate the investment team's fundamental growth insights, considering diversification and liquidity risk.

CHARACTERISTICS & ALLOCATION

As of 06/30/2024

Portfolio Characteristics			Economic Sectors		
	Portfolio	Benchmark		Portfolio %	Benchmark %
Number of Holdings	68	440	Information Technology	43.53	46.86
Wtd Avg Market Cap (\$Mil)	1,394,501.60	1,511,554.10	Consumer Discretionary	16.85	14.03
Median Market Cap (\$Mil)	148,591.00	18,173.00	Communication Services	14.48	12.64
Price/Book Ratio	13.12	13.12	Health Care	10.84	10.06
Adjusted Trailing P/E Ratio	47.50	38.70	Financials	6.89	5.64
% EPS Growth - Past 3 Yr	26.70	28.60	Industrials	3.39	5.06
Est 3-5 Yr EPS Growth Rate	22.60	19.40	Consumer Staples	3.00	3.77
(%) Return on Equity (%)	34.49	34.91	Real Estate	0.51	0.75
Beta vs. Fund Benchmark	1.10		Materials	0.00	0.62
Forecasted P/E Ratio	38.00	31.90	Energy	0.00	0.48
			Utilities	0.00	0.06

Top 10 Holdings			Top 10 Industries		
	Portfolio %	Benchmark %		Portfolio %	Benchmark %
Microsoft Corporation	11.07	11.71	Semiconductors	19.64	16.11
NVIDIA Corporation	10.75	10.34	Software	14.48	17.77
Amazon.com Inc.	8.04	6.13	Broadline Retail	9.61	6.24
Apple Inc.	7.78	10.82	Tech Hardware Storage	7.78	10.93
Netflix Inc.	4.71	1.01	Pharmaceuticals	6.91	3.19
Broadcom Inc.	4.41	2.44	Interactive Media	6.56	11.11
Meta Platforms Inc Clas	3.54	3.93	Entertainment	5.89	1.25
Eli Lilly and Company	3.34	2.70	Financial Services	4.88	3.50
Alphabet Inc. Class A	3.02	3.81	Hotels Rest & Leisure	3.96	2.53
Visa Inc. Class A	2.87	1.47	Biotechnology	2.44	2.24
Total	59.53	54.36	Total	82.15	74.87

Market Capitalization		
		Portfolio %
Large	Above 25.0B	98.89
	10.0B - 25.0B	0.64
Mid	5.0B - 10.0B	0.00
	1.0B - 5.0B	0.00
Small	0.0 - 1.0B	0.00

Harbor Long-Term Growers ETF



PERFORMANCE

As of 06/30/2024

Average Annual Returns

	3 Months	YTD	1 Yr.	3 Yr.	5 Yr.	10 Yr.	Since Inception	Inception Date
Harbor Long-Term Growers ETF (NAV)	7.81%	22.21%	36.48%	N/A	N/A	N/A	11.82%	02/02/2022
Harbor Long-Term Growers ETF (Market)	7.75%	22.35%	36.49%	N/A	N/A	N/A	11.88%	02/02/2022
Russell 1000 [®] Growth Index	8.33%	20.70%	33.48%	N/A	N/A	N/A	12.06%	02/02/2022

MANAGER COMMENTARY

As of 06/30/2024

"At the year's halfway point, we believe markets continue to focus on and reward companies that are generating growth at above-average rates."

Jennison Associates

Market in Review

The second quarter of 2024 saw continued resilience in U.S. economic activity that exceeded the pace of most economies outside the U.S. Evidence of an anticipated deceleration in growth began to emerge, with consumer sentiment declining and the unemployment rate increasing slightly through quarter-end. The level of the federal funds rate remained steady, reflecting the ongoing strength of the economy as policymakers awaited further evidence of softening before acting.

Around the globe, elections in India and Mexico produced unexpected outcomes. Political leadership in France and the U.K. called snap elections, leading to uncertainty and market weakness into quarter-end. The ongoing conflict in Ukraine, coupled with expanded Israeli military activity, kept geopolitical tensions high. The repercussions of a weak property market and trade restrictions on technology goods saw Chinese economic activity stagnate.

Accelerated spending on artificial intelligence ("AI") infrastructure among hyperscalers continued. Near-term disappointment with the pace of developing applications to monetize the spending on AI investments weighed on the valuations of several Software as a Service ("SaaS") companies. However, we remain encouraged that these companies are working on AI initiatives that will improve their current offerings and fulfill the goal of AI enhancements that will help drive revenue growth for customers over our investment time horizon.

Trends in global consumer goods companies remained mixed. Poor consumption trends in China, weaker currencies in other markets, and declines in consumer confidence have resulted in uneven – and, in some cases, challenging – fundamental performance since the year began. Several casualties of these trends, along with execution-specific disappointments, appeared in the athleisure and apparel categories. On the other hand, consumers are still expressing a strong preference for travel, with healthy activity levels across the globe.

Performance data shown represents past performance and is no guarantee of future results. Past performance is net of management fees and expenses and reflects reinvested dividends and distributions. Investment returns and principal value will fluctuate and when redeemed may be worth more or less than their original cost. Returns for periods less than one year are not annualized. Current performance may be higher or lower and is available through the most recent month end at harborcapital.com or by calling 800-422-1050.

Shares are bought and sold at market price not net asset value (NAV). A fund's NAV is the sum of all its assets less any liabilities, divided by the number of shares outstanding. Market price returns are based upon the closing composite market price and do not represent the returns you would receive if you traded shares at other times.

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Harbor Long-Term Growers ETF

MANAGER COMMENTARY

As of 06/30/2024



Portfolio Performance

The Harbor Long-Term Growers ETF (“ETF”) slightly underperformed the benchmark during the period. Stock selection in the Information Technology and Communication Services sectors detracted the most from relative performance, while security selection within Health Care and Consumer Staples, along with an underweight in Industrials, benefited relative results.

Contributors & Detractors

Shares of Advanced Micro Devices lost value during the period. Inventory adjustment in the field remained a headwind, and the company is supply constrained on important products. The share price of MongoDB lost value due to a slowdown across its customer base, largely attributed to macro factors and customer focus on AI.

NVIDIA continues to surpass expectations. Demand for the company’s graphics processing units (“GPUs”) continues to be spurred by growth in the AI market. Apple’s pace of execution in the AI field and optimism about what it may introduce propelled the stock price higher.

Buys & Sells

The ETF draws on high-conviction stocks across Jennison’s growth strategies to diversify and potentially provide additional liquidity – and Amgen was the largest initiated position during the quarter.

Lululemon was eliminated due to limited visibility around growth expectations, as the company is faced with increasing competitive offerings and a more discerning retail customer.

Overweights and Underweights

Sector weights are a by-product of our research-based stock selection. At mid-2024, the ETF’s largest sector overweights/underweights relative to the Russell 1000® Growth Index were in Consumer Discretionary (overweight) and Information Technology (underweight). Sector weights remained generally stable and directionally consistent.

Outlook

At the year’s halfway point, we believe markets continue to focus on and reward companies that are generating growth at above-average rates. Profits are growing at a faster rate than the previous year, and the economy has remained largely resilient. As a result, the federal funds rate remains unchanged from the start of the year. We continue to believe that the trajectory of short rates is lower, though the timing of the movement remains uncertain. The consumer slowdown is gathering pace but not suggestive of acute distress. Strong employment and growing wages will likely continue to support a positive backdrop, though with moderating gains over the balance of the year.

Market concentration is both topical and a growing phenomenon. The recently concluded Russell 1000® Index reconstitution has further compounded the situation, as the 10 largest constituents have risen above 60% of the index’s total weight. Further intensifying the challenges, the index has less than 400 issues – its fewest number of holdings since 1990. As active large-cap growth investors with the goal of managing a diversified portfolio, we must acknowledge these realities against this backdrop.

We hold position sizes in several of the largest market capitalization companies that – after significant appreciation over the years – approach 10% of the ETF. Yet, in some cases, they are below their weight in the benchmark. Expressing high conviction through large positions has been a normal course of business over our history and an important source of investment alpha. However, idiosyncratic risk is a significant contributor to overall portfolio risk. As fiduciaries, we place value on risk control when thinking about portfolio construction and what it takes to build a portfolio with the appropriate balance for the environment we see going forward in service of our goal of outperforming the benchmark over time.

Performance data shown represents past performance and is no guarantee of future results. Past performance is net of management fees and expenses and reflects reinvested dividends and distributions. Investment returns and principal value will fluctuate and when redeemed may be worth more or less than their original cost. Returns for periods less than one year are not annualized. Current performance may be higher or lower and is available through the most recent month end at harborcapital.com or by calling 800-422-1050.

Harbor Long-Term Growers ETF

QUARTERLY ATTRIBUTION

As of 06/30/2024



Best & Worst Performers

Best Performers	Average Weight %	Return % (NAV)
NVIDIA CORP	9.57	36.74
APPLE INC	7.34	22.99
BROADCOM INC	3.21	21.53
ARISTA NETWORKS INC	0.65	20.86
ALPHABET INC-CL A	3.11	20.82

Worst Performers	Average Weight %	Return % (NAV)
MONGODB INC	0.86	-30.30
LULULEMON ATHLETICA INC	0.63	-22.46
NIKE INC -CL B	0.25	-19.49
WALT DISNEY CO/THE	0.64	-18.30
SNOWFLAKE INC-CLASS A	0.77	-16.41

Contributors & Detractors

Greatest Contributors	Return % (NAV)	Contribution to Return %
NVIDIA CORP	36.74	3.33
APPLE INC	22.99	1.66
MICROSOFT CORP	6.42	0.67
ALPHABET INC-CL A	20.82	0.67
BROADCOM INC	21.53	0.60
Total		6.93

Greatest Detractors	Return % (NAV)	Contribution to Return %
ADVANCED MICRO DEVICES	-10.13	-0.44
MONGODB INC	-30.30	-0.31
LULULEMON ATHLETICA INC	-22.46	-0.26
LVMH MOET HENNESSY-UNSP ADR	-14.63	-0.18
MASTERCARD INC - A	-8.27	-0.16
Total		-1.34

Harbor Long-Term Growers ETF

ATTRIBUTION

As of 06/30/2024



Quarterly Attribution:

Harbor Long-Term Growers ETF vs Russell 1000® Growth Index

Performance

	Portfolio	Benchmark	Active
Return Ex Currency	8.09	8.34	-0.24
Currency Contribution	0.00	0.00	0.00
Total Return	8.09	8.34	-0.24

Sector Attribution	Average Weight			Total Return			Contribution to Return		Attribution Analysis		
	Port. Avg. Wgt.	Bench. Avg. Wgt.	Variation in Avg. Wgt.	Port. Total Return	Bench. Total Return	Variation in Total Return	Port. Contribution To Return	Bench. Contribution To Return	Allocation Effect	Selection Effect	Total Effect
Health Care	10.76	10.26	0.50	8.19	2.97	5.22	0.87	0.31	-0.02	0.58	0.56
Industrials	2.84	5.50	-2.67	-7.90	-5.29	-2.61	-0.19	-0.34	0.39	-0.06	0.33
Consumer Staples	3.31	3.98	-0.67	8.02	0.82	7.20	0.32	0.05	0.02	0.25	0.27
Financials	6.37	6.16	0.21	-2.10	-4.49	2.39	-0.11	-0.30	-0.05	0.17	0.12
Materials	0.00	0.67	-0.67	0.00	-7.19	7.19	0.00	-0.05	0.11	0.00	0.11
Real Estate	0.62	0.77	-0.16	0.08	-2.75	2.83	-0.04	-0.03	0.01	0.01	0.02
Energy	0.00	0.47	-0.47	0.00	4.98	-4.98	0.00	0.02	0.02	0.00	0.02
Utilities	0.00	0.06	-0.06	0.00	11.25	-11.25	0.00	0.01	0.00	0.00	0.00
Consumer Discretionary	18.21	14.48	3.73	1.79	1.89	-0.10	0.23	0.22	-0.33	0.00	-0.33
Communication Services	12.88	12.68	0.20	9.12	13.63	-4.52	1.10	1.71	0.04	-0.59	-0.56
Information Technology	44.15	44.96	-0.82	13.63	15.24	-1.61	5.91	6.73	-0.08	-0.66	-0.74
Total	100.00	100.00	0.00	8.09	8.34	-0.24	8.09	8.34	0.05	-0.30	-0.24

Harbor Long-Term Growers ETF



IMPORTANT INFORMATION

Risks

Investing involves risk, principal loss is possible. Unlike mutual funds, ETFs may trade at a premium or discount to their net asset value. Harbor ETFs are new and have limited operating history to judge.

All investments involve risk including the possible loss of principal. There is no guarantee that the investment objective of the Fund will be achieved. Stock markets are volatile and equity values can decline significantly in response to adverse issuer, political, regulatory, market and economic conditions. At times, a growth investing style may be out of favor with investors which could cause growth securities to underperform value or other equity securities. Since the Fund may hold foreign securities, it may be subject to greater risks than funds invested only in the U.S. These risks are more severe for securities of issuers in emerging market regions. A non-diversified Fund may invest a greater percentage of its assets in securities of a single issuer, and/or invest in a relatively small number of issuers, it is more susceptible to risks associated with a single economic, political or regulatory occurrence than a more diversified portfolio.

Benchmarks

The Russell 1000® Growth Index is an unmanaged index generally representative of the U.S. market for larger capitalization growth stocks. This unmanaged index does not reflect fees and expenses and is not available for direct investment. The Russell 1000® Growth Index and Russell® are trademarks of Frank Russell Company.

Disclosures

Expense ratio information is as of the Fund's current prospectus, as supplemented. Gross expenses are the Fund's total annual operating expense.

All holdings-related data is provided by FactSet. Because FactSet relies on external sources for its data, that data may differ slightly from actual values maintained by Harbor Funds.

Due to the security valuation procedures of the Fund and intra-day trading activity not included in the FactSet calculations, the actual returns may vary. From time to time the cash return in the portfolio may appear distorted based on the way FactSet's attribution calculation methodology addresses delayed settlements.

Best and Worst Performers sections reflect stocks in the portfolio for the quarter with an average weight of 0.25% or greater.

Views expressed herein are drawn from commentary provided to Harbor by the subadvisor and may not be reflective of their current opinions or future actions, are subject to change without prior notice, and should not be considered investment advice.

This information should not be considered as a recommendation to purchase or sell a particular security. The weightings, holdings, industries, sectors, countries, and returns mentioned may change at any time and may not represent current or future investments.

As a result of changing market conditions, total net asset levels, expenses and other statistics may change at any time and may differ from those shown.

The total amount shown for sector, industries, or country holdings may be greater than 100% because of the inclusion of derivatives and the collateral securities supporting those instruments.

Sector allocations are determined using the Global Industry Classification Standard (GICS), which is a service of Morgan Stanley Capital International (MSCI) and Standard & Poor's (S&P).

Investors should carefully consider the investment objectives, risks, charges and expenses of a fund before investing. To obtain a summary prospectus or prospectus for this and other information, visit harborcapital.com or call 800-422-1050. Read it carefully before investing.

Jennison Associates LLC is an independent subadvisor to the Harbor Long-Term Growers ETF.

Forside Fund Services, LLC is the Distributor of the Harbor ETFs.

Harbor Long-Term Growers ETF



IMPORTANT INFORMATION

Attribution Disclosures

Linked Performance by Sectors data is produced from FactSet using data supplied by State Street Bank and Trust Company.

Active Currency Contribution is the Currency Contribution of the portfolio minus the Currency Contribution of the benchmark.

Allocation Effect is the portion of portfolio excess return that is attributable to taking different group bets from the benchmark. (If either the portfolio or the benchmark has no position in a given group, allocation effect is the lone effect.) A group's allocation effect equals the average percent capitalization of the portfolio's group minus the average percent cap of the benchmark's group times the total return of the benchmark group minus the total return of the benchmark.

Average Weight is the dollar value (price times the shares held) of the security or group, divided by the total dollar value of the entire portfolio displayed as a percentage. It is calculated as the simple arithmetic average of daily values.

Contribution to Return is the contribution of a security or group to the overall portfolio return. It is calculated as the security weight multiplied by the daily security return linked daily across the reporting period.

Currency Contribution is Total Return in USD subtracting out the Local Returns.

Local Returns are the Total Return of the portfolio or benchmark using the local currency.

Selection Effect is the portion of portfolio excess return attributable to choosing different securities within groups from the benchmark. A group's security selection effect equals the average weight of the benchmark's group times the total return of the portfolio's group minus the total return of the benchmark's group.

Total Effect is the sum of Allocation Effect and Selection Effect. The total effect represents the opportunity cost of what was done in a group relative to the overall portfolio. It is not just the difference between percent contribution in the portfolio and benchmark. At the overall portfolio level, the two numbers are equal. At the group level, they can be different.

Total Return is the price change of a security or group including dividends accrued over the report period (or the in-portfolio return) which includes only the time period that each security was in the portfolio.

Definitions

Median Market Cap: The median size of the companies in a portfolio or index as measured by the market value of outstanding shares.

Weighted Average Market Capitalization: The average size of the companies in a portfolio or index as measured by the market value of outstanding shares.

Earnings per share (EPS) is the portion of a company's profit allocated to each outstanding share.

The Est 3-5 Yr EPS Growth (%) is the estimated growth of earnings per share over the next 3-5 years, using pre-calculated mean long-term EPS growth rate estimates, which are calculated using each individual broker's methodology, from FactSet, First Call, I/B/E/S Consensus, and Reuters. Forward looking estimates may not come to pass.

% EPS Growth - Past 3 Year: Earnings per share refers to the bottom-line measure of a company's profitability defined as net income divided by the number of outstanding shares.

The Adjusted Trailing P/E (price-to-earnings) Ratio is the closing stock price divided by the sum of the last 12 months actual EPS.

Beta is a measure of systematic risk, or the sensitivity of a fund to movements in the benchmark. A beta of 1 implies that the expected movement of a fund's return would match that of the benchmark used to measure beta.

Alpha is a measure of risk (beta) adjusted return.

Forecasted P/E Ratio: a measure of the P/E (price-to-earnings) ratio using forecasted earnings for the P/E calculation.

Return on Equity (ROE) is a measure of financial performance calculated by dividing net income by shareholders' equity.

The Price/Book (price-to-book) Ratio evaluates a firm's market value relative to its book value.

All P/E, ROE and P/B statistics are calculated as weighted medians.