

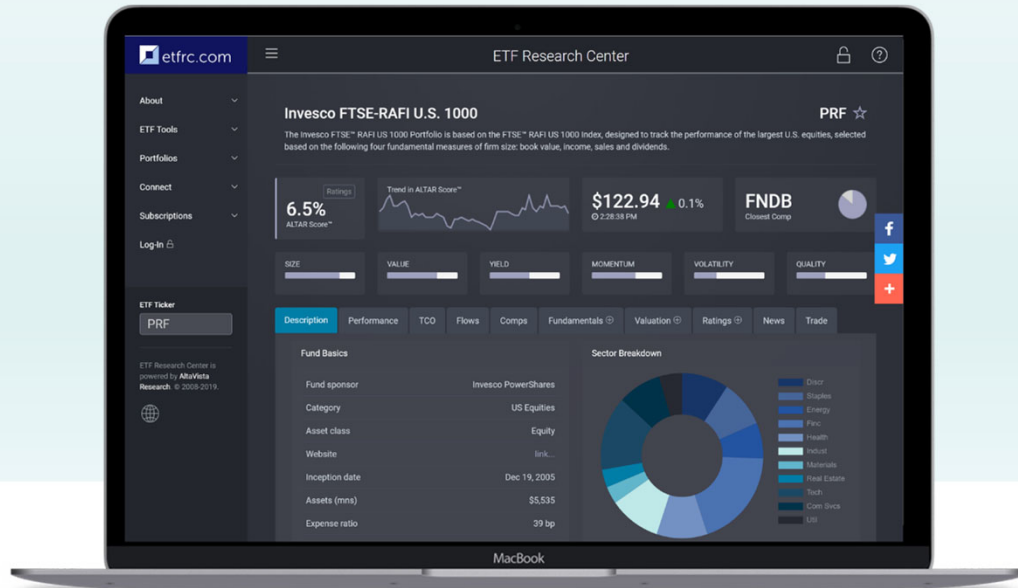
ETF Analyzer

September 2024

Select Sector SPDR Edition

- ▶ Evaluate Sector SPDRs based on investment merit using fundamental data and analysis
- ▶ Compare Sector SPDRs with ease on a variety of forward-looking valuation metrics
- ▶ Succinct reports in three easy-to-read sections: Investment Summary, Fundamentals, and Composition

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How to use this guide

A fundamentally different approach

This guide presents fundamental data and analysis on each of the nine Select Sector SPDR funds so you can view and value them the way you would a single stock. It consists of an "Analyzer" page (shown below) covering each fund, along with a Valuation Guide to facilitate easy comparisons between funds as well as with the S&P500 index. For more on our approach to ETF analysis visit ETF Research Center at www.etfrc.com.

Fund name
Fund basics
 Expenses, returns, volume & more
Ticker symbol
Price

Trading history

See how this fund has performed in the past



Results & estimates

Financial results & expectations for the fund's constituents—essential for making an informed investment

Profitability measures

Graphs show trends in return on equity, profit margins and estimate revisions

Composition data

Information on top holdings, concentration and market cap segmentation

Industry breakdown

Shows how important each industry segment is within the sector

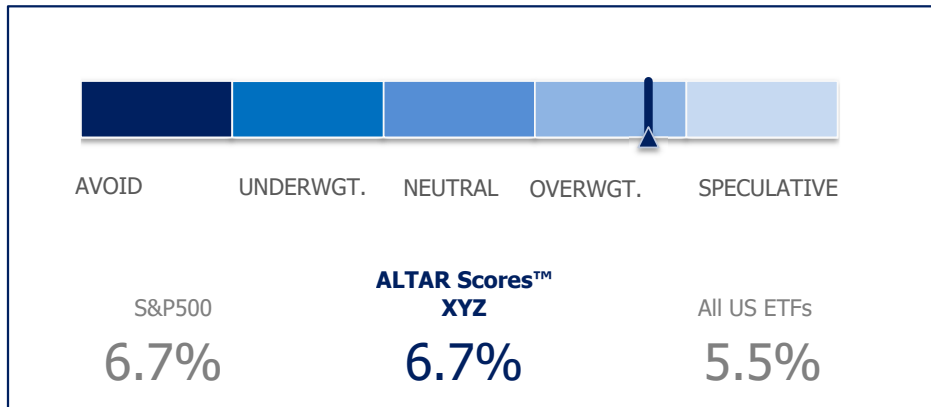
Keeping up-to-date

Market conditions and expectations change all the time. Go to the ETF Research Center for daily valuation updates on the Sector SPDRs or any of the other thousands of ETFs we cover. This report is updated monthly and is available for download free of charge at www.etfrc.com.

How we rate ETFs

AltaVista Recommendation

For every ETF under coverage, we calculate an AltaVista Long Term Annual Return forecast, or ALTAR Score™, explained in more detail in the sidebar. Then, we separate the funds into five tiers (quintiles) based on where their individual scores ranks versus other funds in the category, under a normal distribution probability curve. The five recommendation tiers, defined in detail below, are: SPECULATIVE, OVERWEIGHT, NEUTRAL, UNDERWEIGHT and AVOID.



What they mean...

SPECULATIVE

Deeply undervalued but risky. A rating of SPECULATIVE is assigned to ETFs with ALTAR Scores in the top quintile (the top 20%) of their category, indicating exceptional appreciation potential. However, often these are narrowly-focused funds or in industries with structural issues, which may also make them very risky. Nonetheless they may still be useful as part of a well-diversified portfolio.

OVERWEIGHT

Above average appreciation potential. A rating of OVERWEIGHT is assigned to ETFs with ALTAR Scores in the 4th quintile (ranking higher than 60%-80%) of their category. Typically, funds in this category consist of stocks trading at attractive valuations and/or having above-average fundamentals.

NEUTRAL

Average appreciation potential. A rating of NEUTRAL is assigned to ETFs with ALTAR Scores in the middle quintile (ranking between 40%-60%) of their category. This indicates that valuations adequately reflect the fundamentals of stocks in these funds. The majority of funds we cover fall into this category.

UNDERWEIGHT

Below appreciation potential. A rating of UNDERWEIGHT is assigned to ETFs with ALTAR Scores in the 2nd quintile (ranking higher than only 20%-40%) of their category. Typically, funds in this category consist of stocks trading at relatively expensive valuations and/or having below-average fundamentals.

AVOID

Not worthwhile for most investors. A rating of AVOID is assigned to ETFs with ALTAR Scores in the lowest quintile (the bottom 20%) of their category. Often, funds in this category consist of stocks with little if any history or expectation of profitability, and as a result our fundamentally-driven analysis may not be as relevant.

ALTAR Score™

The ALTAR Score™, short for AltaVista Long Term Annual Return forecast, is our measure of an ETF's overall investment merit. For equity funds the formula is:

$$ROE_{avg} \div \frac{P}{BV} - fees$$

where ROE_{avg} is the average Return on Equity over the course of the business cycle, and P/BV is the price-to-book value multiple for the current forecast year ("FY1"). Finally, we subtract fund fees which diminish investor returns. Results are expressed as a percentage, with higher values better, all else being equal.

Origins

The ALTAR Score relates overall profitability of stocks in a fund to their valuations, using the well-established relationship between Return on Equity and Price-to-Book Value multiples, itself a derivation of the Dividend Discount Model, one of the earliest and most basic approaches to equity valuation.

What it means

The ALTAR Score provides an estimate of a kind of "internal rate of return" from the owner's perspective. The primary benefit of this approach is that it is forward looking--based on current fundamentals and valuation metrics--in contrast to most fund rating methodologies which focus on past share price returns.

What it does not mean

It is not a price target or prediction about how the market will value the fund in the future. There is no time or momentum component to the ALTAR Score, and it is not meant as any sort of short-term indicator.

Bottom line

The ALTAR Score can be used to compare funds based on investment merit, but it is not intended as a prediction of future performance. Investors should also consider the many other data points in each report to assess each fund's suitability. For more information visit www.etfrc.com.



For more information visit
www.etfrc.com

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Section II: Fund Detail Pages

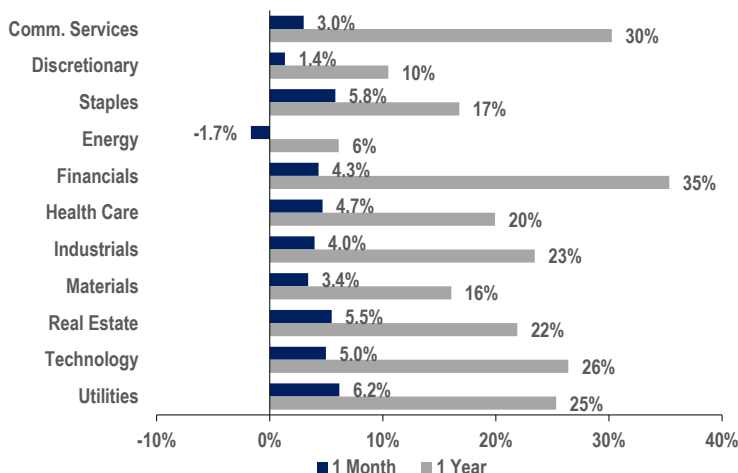
Communication Services Sector SPDR (XLC)	12
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Energy Sector SPDR (XLE)	15
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Section I

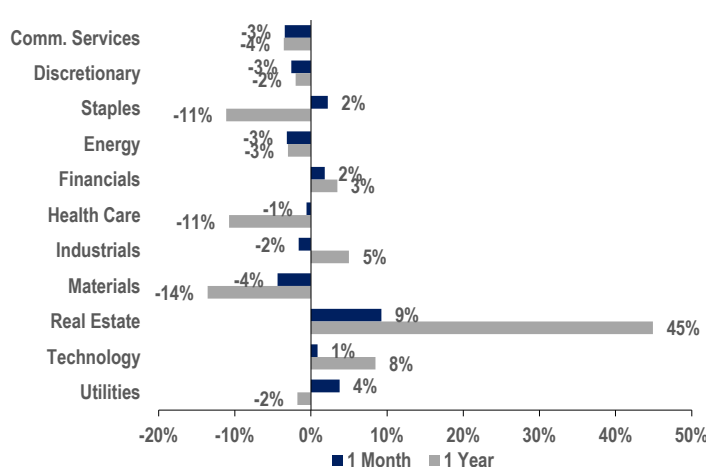
Side-by-Side Sector SPDR Charts

Market Activity & Breakdown

Total Returns* (Price)

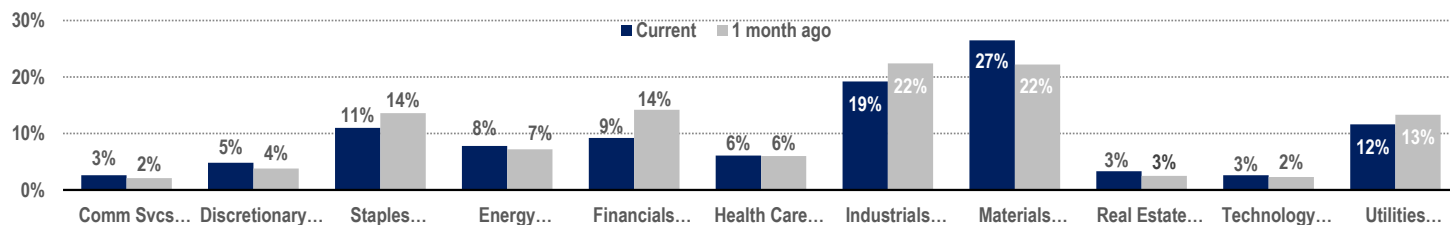


Changes in Shares Outstanding

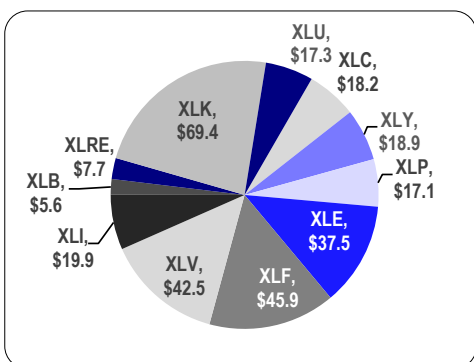


***NOTE:** The performance data quoted represents past performance. Past performance does not guarantee future results and current performance may be lower or higher than the performance quoted. Investment return and principal value will vary, and shares, when redeemed, may be worth more or less than their original cost. Additional performance info current to most recent month-end at www.sectorspdr.com/performance.

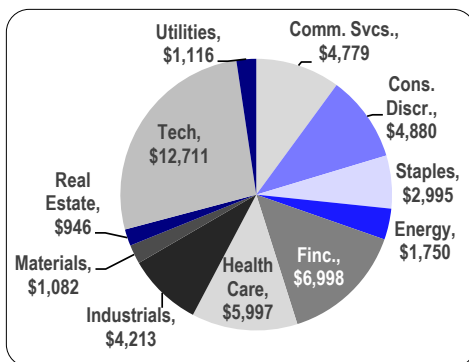
Short Interest (as a percentage of total shares outstanding)



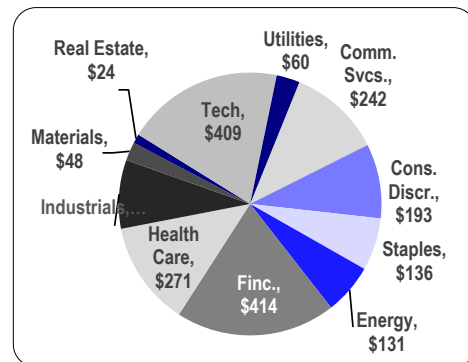
Assets Under Management (\$bns)



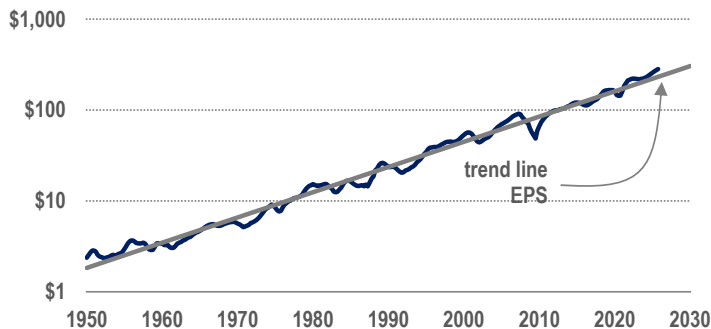
S&P 500 Market Cap by Sector (\$bns)



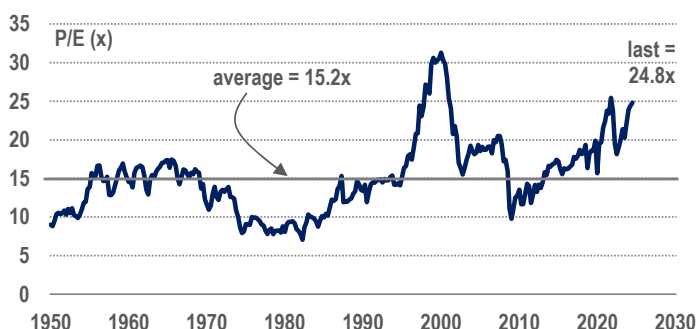
S&P 500 2024E Profits by Sector (\$bns)



S&P 500 Operating Earnings (4 qtrs. rolling, 1950-present)



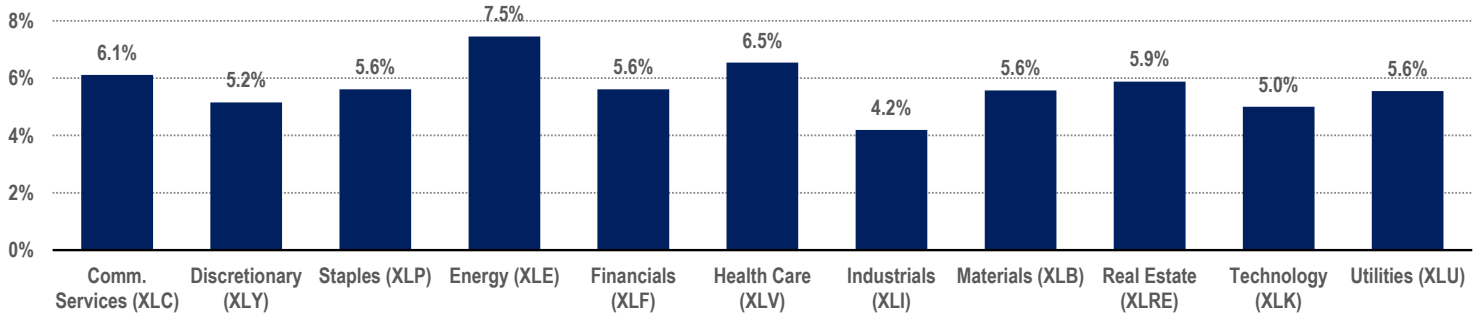
S&P500 Forward P/E multiple on Trend-line EPS



Select Sector SPDRs

This page provides a summary of valuation metrics for the Select Sector SPDRs and S&P 500 which may be considered when buying or selling these funds.

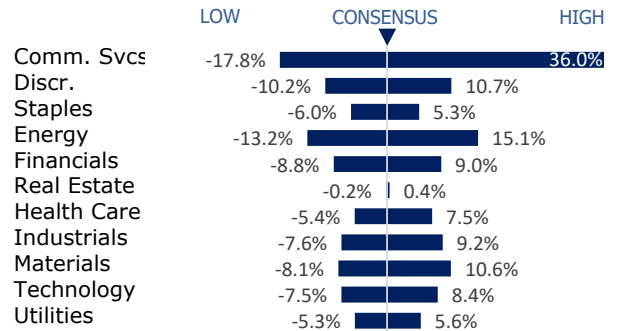
ALTAR Score™



Calculation of ALTAR Score™

	Avg. ROE (20-24E)	Div. by Fwd PBV	Less Exp.	equals ALTAR™
Comm. Services (XLC)	14.8%	2.4x	0.09%	6.1%
Discretionary (XLY)	31.1%	5.9x	0.09%	5.2%
Staples (XLP)	26.8%	4.7x	0.09%	5.6%
Energy (XLE)	14.3%	1.9x	0.09%	7.5%
Financials (XLF)	11.6%	2.0x	0.09%	5.6%
Health Care (XLV)	25.6%	3.9x	0.09%	6.5%
Industrials (XLI)	19.7%	4.6x	0.09%	4.2%
Materials (XLB)	15.9%	2.8x	0.09%	5.6%
Real Estate (XLRE)	15.7%	2.6x	0.09%	5.9%
Technology (XLK)	30.9%	6.1x	0.09%	5.0%
Utilities (XLU)	11.3%	2.0x	0.09%	5.6%

Range of Earnings Estimates (2024E)



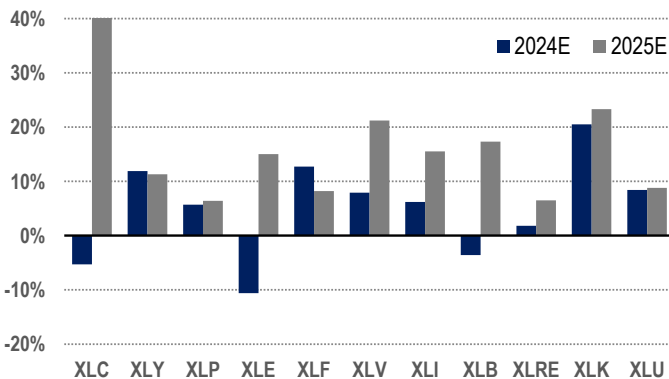
NOTE: The ALTAR Score™ is AltaVista's proprietary measure of an ETF's overall investment merit, based on academic work relating price-to-book value multiples to return on equity (Wilcox, Financial Analysts Journal, Jan-Feb 1984). In general, higher scores suggest better long term investment potential in AltaVista's opinion, but they are not forecasts of future returns. For more information go to www.etfrc.com.

Valuation multiples (based on 2024 estimates)

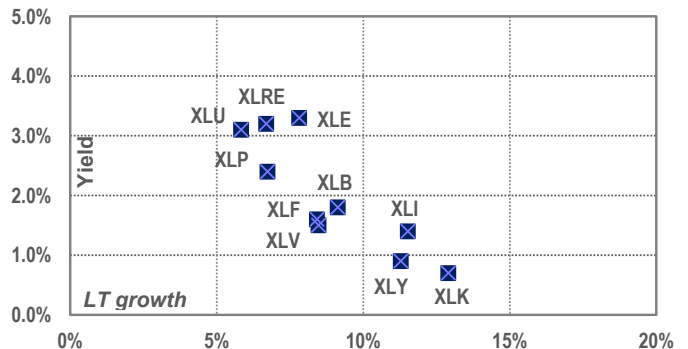
	Price	P/E	PEG	P/CF	P/Sales	P/BV	Yield*
Comm. Services (XLC)	\$87.32	23.4	1.0	10.4	2.2	2.6	1.0
Discretionary (XLY)	\$187.12	24.2	2.1	18.0	2.4	6.9	0.9
Staples (XLP)	\$82.51	21.8	3.3	18.6	1.5	5.1	2.4
Energy (XLE)	\$91.28	13.4	1.7	7.3	1.3	2.0	3.3
Financials (XLF)	\$45.74	16.8	2.0	23.2	3.5	2.2	1.6
Health Care (XLV)	\$157.20	22.3	2.6	19.7	1.9	4.3	1.5
Industrials (XLI)	\$131.46	23.7	2.1	18.4	2.5	5.1	1.4
Materials (XLB)	\$94.28	22.7	2.5	14.8	2.5	3.0	1.8
Real Estate (XLRE)	\$43.55	19.9	3.0	25.4	6.4	2.7	3.2
Technology (XLK)	\$220.33	32.1	2.5	20.6	4.9	6.9	0.7
Utilities (XLU)	\$76.29	18.7	3.2	9.8	2.5	2.1	3.1
S&P500	5,648.40	23.1	2.2	17.8	2.9	4.2	1.3

*Based on consensus dividend forecasts for underlying stocks. May differ from the distribution yield on

Earnings per share growth



Yield* vs. long-term EPS growth of fund constituents



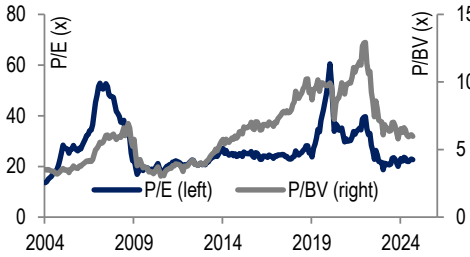
Note: All valuation metrics on this page calculated based on consensus estimates of current fund constituents, as collected by FactSet. Definitions of technical terms can be found on page 23 of this document.

Select Sector SPDRs

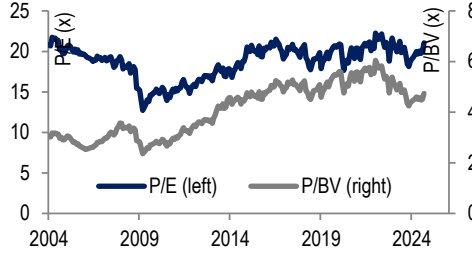
Trends in P/E and P/BV multiples

This page contains monthly observations of historical price-to-earnings (P/E) and price-to-book value (P/BV) multiples based on rolling twelve-months' earnings and book value per share figures, respectively, for each Sector SPDR (maximum value of 100). It illustrates how these funds have traded in the past in relation to these two valuation metrics.

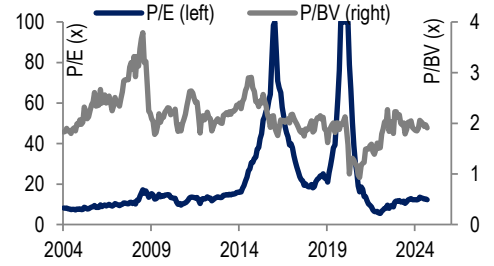
Consumer Discretionary (XLY)



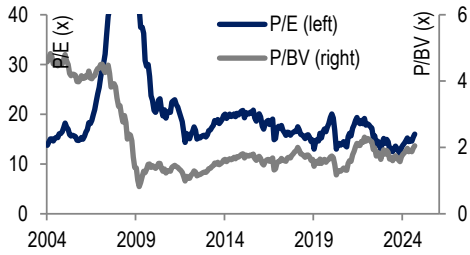
Consumer Staples (XLP)



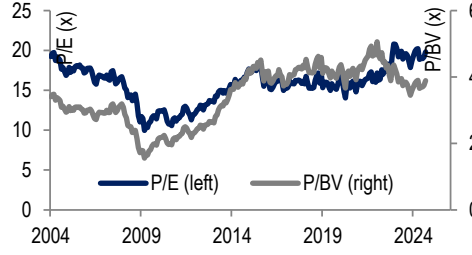
Energy (XLE)



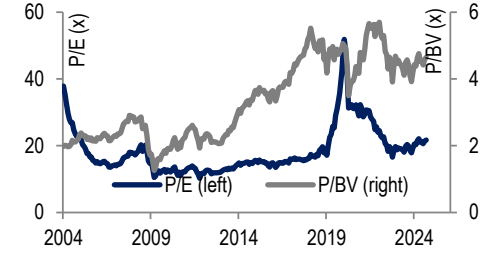
Financials (XLF)



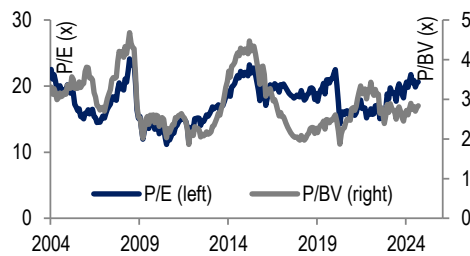
Health Care (XLV)



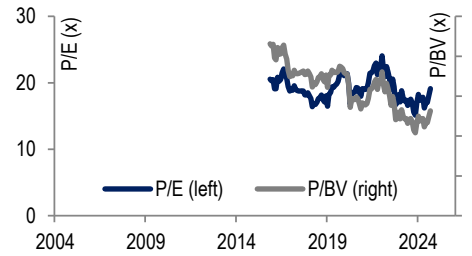
Industrials (XLI)



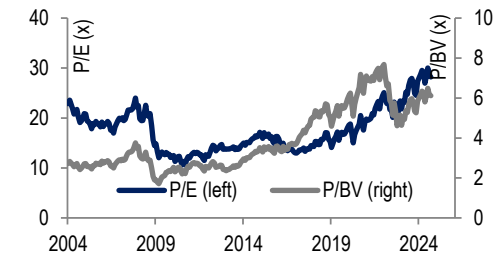
Materials (XLB)



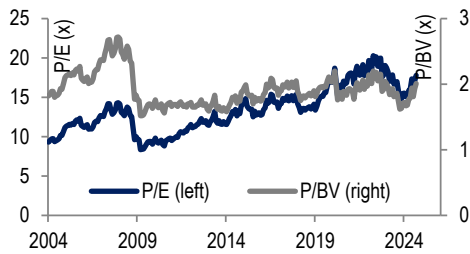
Real Estate (XLRE)



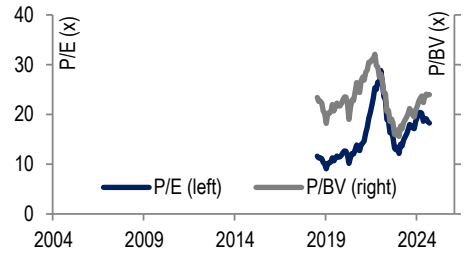
Technology (XLK)



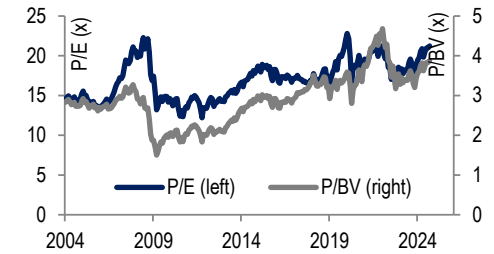
Utilities (XLU)



Communication Services (XLC)



S&P 500 (SPY, IVV & VOO)



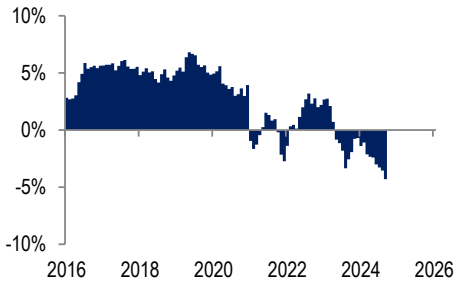
Select Sector SPDRs

Trends in Analysts Consensus Ratings

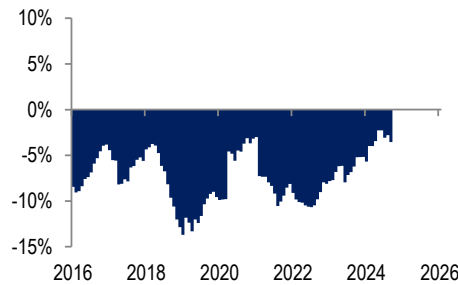
This page contains historical analysts' consensus ratings on each index's underlying constituents, relative to their ratings for the constituents of the S&P 500 overall. A reading of 5% means analysts are five percent more bullish on stocks in the sector than the market overall; a reading of negative 5% means they are five percent more bearish.

Given the prevalence of Buy ratings among analysts for all stocks, the trend and relative ratings may be more important than the rating *level* in gauging analysts' true sentiment regarding the stocks in each index. Investors may consider this along with other data and information when buying or selling any security tracking these indices.

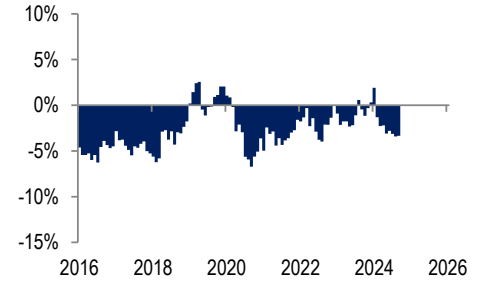
Consumer Discretionary (XLY)



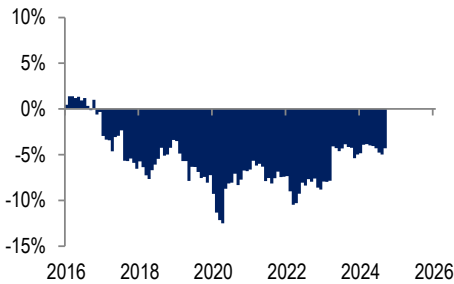
Consumer Staples (XLP)



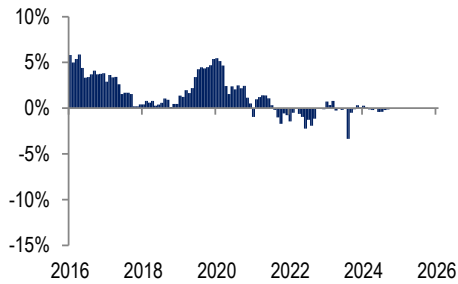
Energy (XLE)



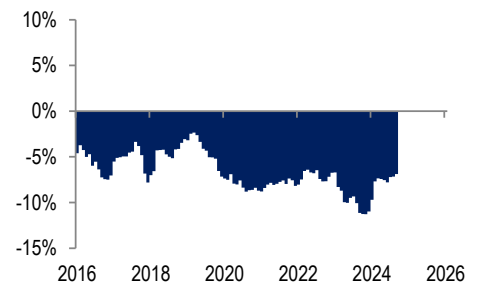
Financials (XLF)



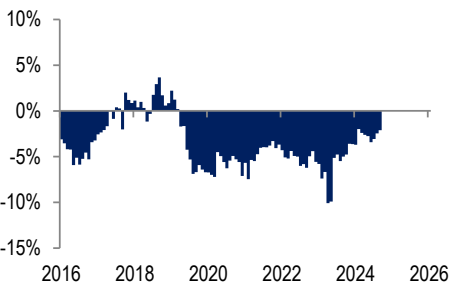
Health Care (XLV)



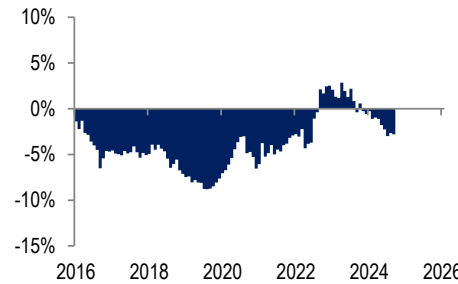
Industrials (XLI)



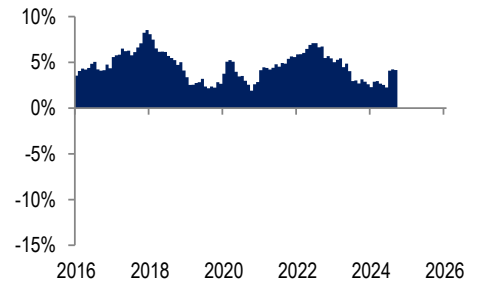
Materials (XLB)



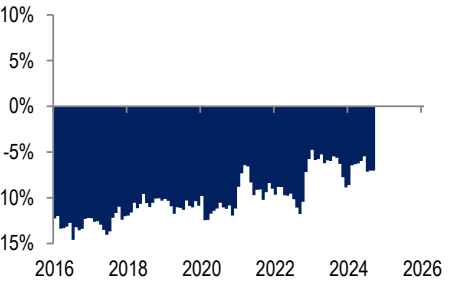
Real Estate (XLRE)



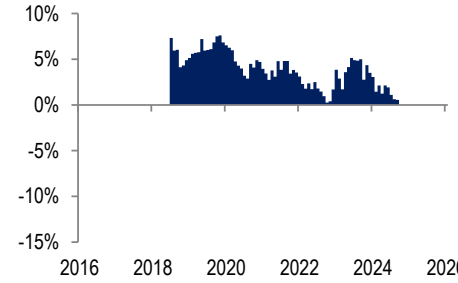
Technology (XLK)



Utilities (XLU)



Comm. Services (XLC)



Section II

Fund Detail Pages

Communication Services Select Sector SPDR Fund

XLC

\$87.32

Trading History



NOTES: The performance data quoted represents past performance. Past performance does not guarantee future results and current performance may be lower or higher than the performance quoted. Investment return and principal value will vary, and shares, when redeemed, may be worth more or less than their original cost. Additional performance info current to most recent month-end at www.sectorspdr.com/performance.

Fund basics

AltaVista Category US
 Fund sponsor SSGA
 Inception date June 18, 2018
 Fund assets (mns) \$18,224
 Avg. daily volume (000) 4,863
 Expense ratio (bp) 9
 Distributions Quarterly
 Options availability YES

Total returns (price)*

One year 30.3%
 Five year n/a
 Ten year n/a
 Since inception n/a

*as of 08/31/24. See Notes.

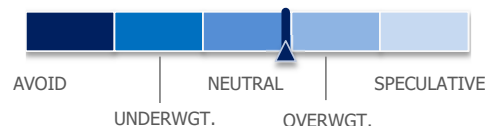
Trading statistics

Beta vs. S&P 500 1.01
 Standard deviation 21.3%

AltaVista Recommendation

NEUTRAL

Average appreciation potential. A rating of NEUTRAL is assigned to ETFs with ALTAR Scores in the middle quintile (ranking between 40%-60%) of their category. This indicates that valuations adequately reflect the fundamentals of stocks in these funds.



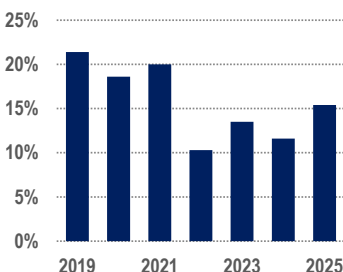
ALTAR Scores™

S&P 500 5.0%
 XLC 6.1%
 Cat. Avg. 5.6%

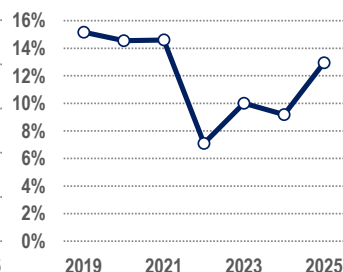
Per share results & estimates

	2019	2020	2021	2022	2023	2024E	2025E	19-24E CAGR
Sales	29.94	29.07	32.40	37.95	39.42	40.69	42.67	6.3%
Earnings	4.54	4.23	4.73	2.69	3.94	3.74	5.53	n/m
Book Value	22.69	22.82	24.57	27.69	30.80	33.64	38.24	8.2%
Dividends	1.03	1.03	0.92	0.89	0.83	0.89	0.93	n/m
Sales growth		-2.9%	11.5%	17.1%	3.9%	3.2%	4.8%	
EPS growth		-6.9%	11.9%	-43.1%	46.6%	-5.3%	47.9%	

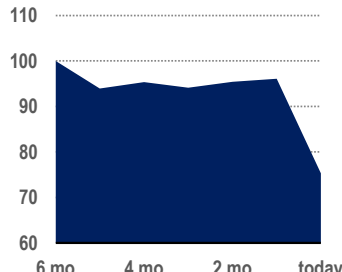
Return on Equity



Net margins



Trend in Current FY Est.



Analyst's opinion

Large write-offs at WBD and other firms are behind the ~20% negative revision to 2024 earnings estimates over the past month, but profits should bounce back next year. If investors are willing to look past that, the sector trades a discount P/E of 16x 2025E EPS compared with 20x for the S&P 500, which seems attractive to us in light of its above-average long-term growth prospects. However sell-side enthusiasm has waned in recent months to market-neutral.

Valuation metrics

	2024E	2025E
Price-to-Earnings	23.4	15.8
Price-to-Cash Flow	10.4	9.4
Price-to-Sales	2.2	2.1
Price-to-Book Value	2.6	2.3
Yield* (%)	1.0	1.1

*Based on consensus dividend forecasts for underlying stocks. *Ma differ significantly from distribution yield on the ETF.*

Historical P/E ratio*



Other fundamental data

LT growth est. 24.0%
 Payout ratio 23.9%
 Debt-to-equity 1.2x

Top 10 Holdings

META PLATFORMS INC	22.9%
ALPHABET INC. CLASS A	11.1%
ALPHABET INC. CLASS C	9.4%
CHARTER COMMUNICATIONS, INC. C	5.0%
T-MOBILE US, INC.	4.9%
AT&T INC	4.9%
ELECTRONIC ARTS INC	4.8%
COMCAST CORP-CL A	4.6%
VERIZON COMMUNICATIONS INC	4.6%
NETFLIX INC	4.5%
TOTAL	76.6%

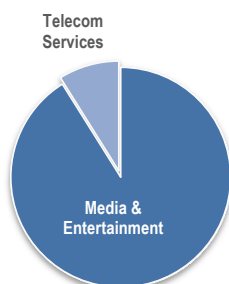
Description

The Communication Services Select Sector SPDR Fund tracks a market-cap-weighted index of US telecommunication and media & entertainment components of the S&P 500 index.

Industry Breakdown

Constituent allocation

No. of constituents	22
Weighted avg mkt cap (mns)	\$847,086
Large cap (>\$10bn)	99.2%
Mid cap (\$2-10bn)	0.8%
Small cap (<\$2bn)	0.0%



For more information visit www.etfrc.com

Consumer Discretionary Select Sector SPDR Fund

XLY

\$187.12

Trading History



NOTES: The performance data quoted represents past performance. Past performance does not guarantee future results and current performance may be lower or higher than the performance quoted. Investment return and principal value will vary, and shares, when redeemed, may be worth more or less than their original cost. Additional performance info current to most recent month-end at www.sectorspdr.com/performance.

Fund basics

AltaVista Category	US
Fund sponsor	State Street Global Advisors
Inception date	December 16, 1998
Fund assets (mns)	\$18,881
Avg. daily volume (000)	3,177
Expense ratio	0.09%
Distributions	Quarterly
Options availability	YES

Total returns (price)*

One year	10.5%
Five year	10.4%
Ten year	11.8%
Since inception	9.6%

*as of 08/31/24. See Notes.

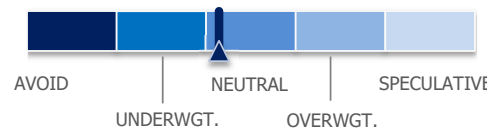
Trading statistics

Beta vs. S&P 500	1.21
Standard deviation	25.3%

AltaVista Recommendation

NEUTRAL

Average appreciation potential. A rating of NEUTRAL is assigned to ETFs with ALTAR Scores in the middle quintile (ranking between 40%-60%) of their category. This indicates that valuations adequately reflect the fundamentals of stocks in these funds.



ALTAR Scores™

S&P 500	XLY	Cat. Avg.
5.0%	5.2%	5.6%

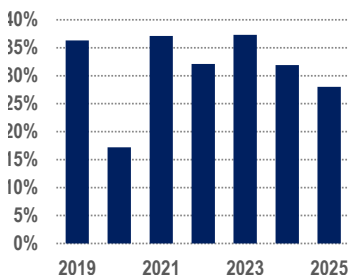
Per share results & estimates

	2019	2020	2021	2022	2023	2024E	2025E	19-24E CAGR
Sales	53.70	51.62	59.98	69.83	75.66	79.37	83.74	8.1%
Earnings	4.17	2.07	5.37	5.16	6.91	7.74	8.61	13.1%
Book Value	11.41	12.64	16.33	15.82	21.20	27.29	34.14	19.1%
Dividends	1.41	1.03	1.09	1.37	1.54	1.65	1.77	3.3%
Sales growth		-3.9%	16.2%	16.4%	8.4%	4.9%	5.5%	
EPS growth		-50.3%	158.9%	-3.9%	34.0%	11.9%	11.3%	

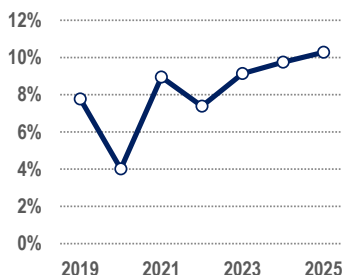
Analyst's opinion

Our value-conscious rating recently ticked up to Neutral as the sector continues to lag the S&P 500 but multiples remain rich in the absolute, and we question the increasing margin assumptions embedded in earnings forecasts through 2025. Profit estimates for this year have held up reasonably well (revision chart) but sell-side sentiment has slipped to its lowest level in at least 8 years (see Sentiment page) amid a slowing job market.

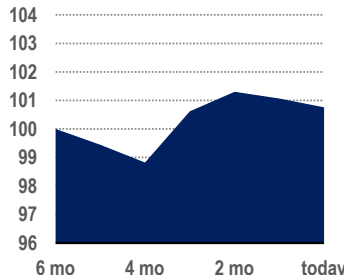
Return on Equity



Net margins



Trend in Current FY Est.



Valuation metrics

	2024E	2025E
Price-to-Earnings	24.2	21.7
Price-to-Cash Flow	18.0	16.2
Price-to-Sales	2.4	2.2
Price-to-Book Value	6.9	5.5
Yield* (%)	0.9	0.9

*Based on consensus dividend forecasts for underlying stocks. May differ significantly from distribution yield on the ETF.

Historical P/E ratio*



Other fundamental data

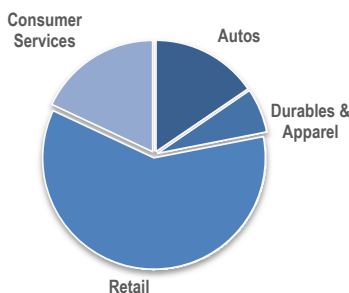
LT EPS growth est.	11.3%
Payout ratio	21.4%
Debt-to-equity	2.4x

Top 10 Holdings

AMAZON.COM INC	21.2%
TESLA MOTORS INC	15.8%
HOME DEPOT INC	9.7%
MCDONALD'S CORP	4.9%
LOWE'S COS INC	3.8%
TJX COMPANIES INC	3.6%
BOOKING HOLDINGS INC.	3.6%
NIKE INC -CL B	2.7%
CHIPOTLE MEXICAN GRILL-CL A	2.1%
TOTAL	70.3%

Description

Select Sector SPDR® holding S&P 500 stocks in the Consumer Discretionary sector. Component industries include Autos & Components; Durables & Apparel; Consumer Services and Retailing. The fund seeks investment results that, before expenses, generally correspond to the price and yield performance of the benchmark index.



Constituent allocation

No. of constituents	52
Weighted avg mkt cap (mns)	\$578,372
Large cap (>\$10bn)	98.5%
Mid cap (\$2-10bn)	1.5%
Small cap (<\$2bn)	0.0%



For more information visit www.etfrc.com

Consumer Staples Select Sector SPDR Fund

XLP

\$82.51

Trading History



NOTES: The performance data quoted represents past performance. Past performance does not guarantee future results and current performance may be lower or higher than the performance quoted. Investment return and principal value will vary, and shares, when redeemed, may be worth more or less than their original cost. Additional performance info current to most recent month-end at www.sectorspdr.com/performance.

Fund basics

AltaVista Category US
 Fund sponsor State Street Global Advisors
 Inception date December 16, 1998
 Fund assets (mns) \$17,139
 Avg. daily volume (000) 10,796
 Expense ratio (bp) 9
 Distributions Quarterly
 Options availability YES

Total returns (price)*

One year 16.8%
 Five year 9.2%
 Ten year 9.1%
 Since inception 7.2%

*as of 08/31/24. See Notes.

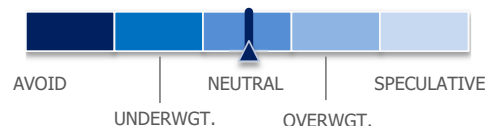
Trading statistics

Beta vs. S&P 500 0.54
 Standard deviation 14.1%

AltaVista Recommendation

NEUTRAL

Average appreciation potential. A rating of NEUTRAL is assigned to ETFs with ALTAR Scores in the middle quintile (ranking between 40%-60%) of their category. This indicates that valuations adequately reflect the fundamentals of stocks in these funds.



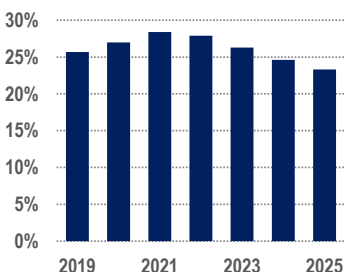
ALTAR Scores™

S&P 500 5.0%
 XLP 5.6%
 Cat. Avg. 5.6%

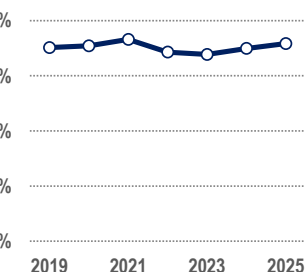
Per share results & estimates

	2019	2020	2021	2022	2023	2024E	2025E	19-24E CAGR
Sales	40.43	42.44	45.14	50.50	52.73	53.99	56.04	6.0%
Earnings	2.84	3.01	3.31	3.46	3.57	3.78	4.02	5.9%
Book Value	11.06	11.23	12.07	12.74	14.46	16.27	18.23	8.0%
Dividends	1.51	1.55	1.63	1.79	1.86	1.97	2.06	5.4%
Sales growth		5.0%	6.4%	11.9%	4.4%	2.4%	3.8%	
EPS growth		5.9%	9.9%	4.8%	3.2%	5.7%	6.4%	

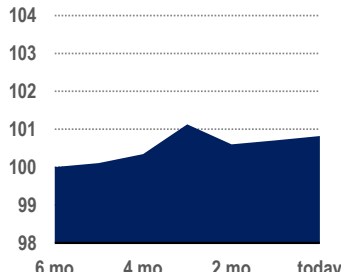
Return on Equity



Net margins



Trend in Current FY Est.



Analyst's opinion

The sell-side outlook for Staples has improved markedly in the past two years though still below average (Sentiment page) even as share prices lagged the market considerably. Going forward, easing inflation for raw materials may take some pressure off margins, allowing earnings to grow faster than revenue. Valuation-wise, Staples' P/E multiple has traded in rather tight range for the past 8+ years (chart below), resulting in a rating ahead of the richly-valued S&P 500.

Valuation metrics

	2024E	2025E
Price-to-Earnings	21.8	20.5
Price-to-Cash Flow	18.6	17.1
Price-to-Sales	1.5	1.5
Price-to-Book Value	5.1	4.5
Yield* (%)	2.4	2.5

*Based on consensus dividend forecasts for underlying stocks. All differ significantly from distribution yield on the ETF.

Historical P/E ratio*



*based on twelve months' forward EPS (max value of 100)

Other fundamental data

LT growth est. 6.7%
 Payout ratio 52.0%
 Debt-to-equity 1.1x

Top 10 Holdings

PROCTER & GAMBLE CO/THE	14.2%
COSTCO WHOLESALE CORP	13.9%
WAL-MART STORES INC	11.6%
COCA-COLA CO/THE	9.9%
PHILIP MORRIS INTERNATIONAL	5.0%
PEPSICO INC	4.4%
MONDELEZ INTERNATIONAL INC-A	3.9%
ALTRIA GROUP INC	3.7%
COLGATE-PALMOLIVE CO	3.5%
TARGET CORP	2.9%
TOTAL	73.1%

Description

Select Sector SPDR® holding S&P 500 stocks in the Consumer Staples sector. Component industries include Food & Staples Retailing, Food, Beverage & Tobacco producers, and Household and Personal Products companies. The fund seeks investment results that, before expenses, generally correspond to the price and yield performance of the benchmark index.

Industry Breakdown



Constituent allocation

No. of constituents	38
Weighted avg mkt cap (mns)	\$261,902
Large cap (>\$10bn)	99.4%
Mid cap (\$2-10bn)	0.6%
Small cap (<\$2bn)	0.0%



For more information visit www.etfrc.com

Energy Select Sector SPDR Fund

XLE

\$91.28

Trading History



NOTES: The performance data quoted represents past performance. Past performance does not guarantee future results and current performance may be lower or higher than the performance quoted. Investment return and principal value will vary, and shares, when redeemed, may be worth more or less than their original cost. Additional performance info current to most recent month-end at www.sectorspdr.com/performance.

Fund basics

AltaVista Category US
 Fund sponsor State Street Global Advisors
 Inception date December 16, 1998
 Fund assets (mns) \$37,495
 Avg. daily volume (000) 13,377
 Expense ratio (bp) 9
 Distributions Quarterly
 Options availability YES

Total returns (price)*

One year 6.1%
 Five year 15.1%
 Ten year 3.1%
 Since inception 8.3%

*as of 08/31/24. See Notes.

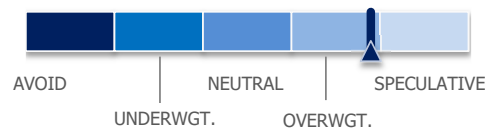
Trading statistics

Beta vs. S&P 500 0.63
 Standard deviation 28.1%

AltaVista Recommendation

OVERWEIGHT

Above average appreciation potential. A rating of OVERWEIGHT is assigned to ETFs with ALTAR Scores in the 4th quintile (ranking higher than 60%-80%) of their category. Typically, funds in this category consist of stocks trading at attractive valuations and/or having above-average fundamentals.



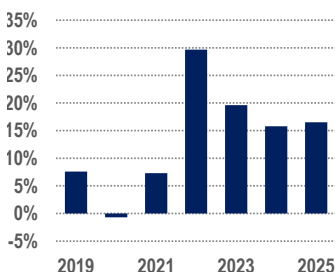
ALTAR Scores™

S&P 500 5.0%
 XLE 7.5%
 Cat. Avg. 5.6%

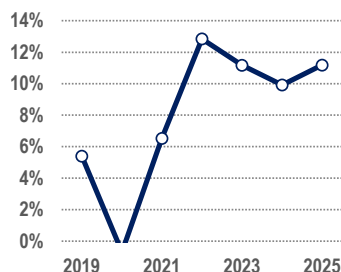
Per share results & estimates

	2019	2020	2021	2022	2023	2024E	2025E	19-24E CAGR
Sales	50.57	33.67	33.28	78.64	68.15	68.62	69.98	6.3%
Earnings	2.73	-0.23	2.17	10.10	7.61	6.80	7.82	20.0%
Book Value	35.34	28.14	31.44	36.51	41.18	44.97	49.61	4.9%
Dividends	2.39	2.27	1.20	2.91	2.94	3.01	3.19	4.7%
Sales growth		-33.4%	-1.2%	136.3%	-13.3%	0.7%	2.0%	
EPS growth		-108.5%	-1031.4%	365.1%	-24.6%	-10.6%	15.0%	

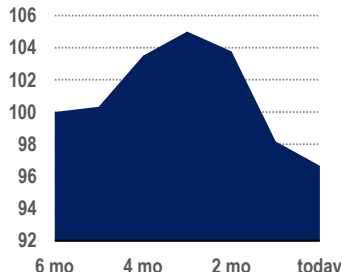
Return on Equity



Net margins



Trend in Current FY Est.



Analyst's opinion

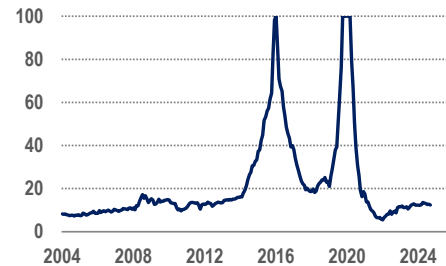
Estimate revisions turned negative over the past few months, though analysts still expect a rebound in earnings in 2025. Years of underinvestment and reasonable valuation metrics--including the cheapest P/E and P/CF multiples of any sector-- drive our Overweight recommendation, but a more favorable regulatory environment come January could change that by driving capex higher and prices lower. Sell-side analysts however rate Energy below the broader

Valuation metrics

	2024E	2025E
Price-to-Earnings	13.4	11.7
Price-to-Cash Flow	7.3	6.9
Price-to-Sales	1.3	1.3
Price-to-Book Value	2.0	1.8
Yield* (%)	3.3	3.5

*Based on consensus dividend forecasts for underlying stocks. May differ significantly from distribution yield on the ETF.

Historical P/E ratio*



*based on twelve months' forward EPS (max value of 100)

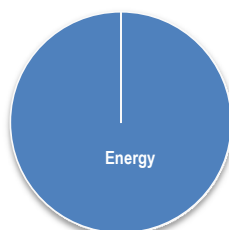
Top 10 Holdings

EXXON MOBIL CORP	23.7%
CHEVRON CORP	16.8%
EOG RESOURCES, INC.	4.9%
MARATHON PETROLEUM	4.5%
CONOCOPHILLIPS	4.5%
SCHLUMBERGER LTD	4.4%
PHILLIPS 66	4.3%
WILLIAMS COS INC	4.1%
ONEOK INC	3.9%
VALERO ENERGY CORP	3.5%
TOTAL	74.5%

Description

Select Sector SPDR® holding S&P 500 stocks in the Energy sector. The fund seeks investment results that, before expenses, generally correspond to the price and yield performance of the benchmark index.

Industry Breakdown



Constituent allocation

No. of constituents	22
Weighted avg mkt cap (mns)	\$199,567
Large cap (>\$10bn)	100.0%
Mid cap (\$2-10bn)	0.0%
Small cap (<\$2bn)	0.0%

Other fundamental data

LT growth est. 7.8%
 Payout ratio 44.3%
 Debt-to-equity 0.5x



For more information visit www.etfrc.com

Financial Select Sector SPDR Fund

XLF

\$45.74

Trading History



NOTES: The performance data quoted represents past performance. Past performance does not guarantee future results and current performance may be lower or higher than the performance quoted. Investment return and principal value will vary, and shares, when redeemed, may be worth more or less than their original cost. Additional performance info current to most recent month-end at www.sectorspdr.com/performance.

Fund basics

AltaVista Category US
 Fund sponsor State Street Global Advisors
 Inception date December 16, 1998
 Fund assets (mns) \$45,936
 Avg. daily volume (000) 36,224
 Expense ratio (bp) 9
 Distributions Quarterly
 Options availability YES

Total returns (price)*

One year 35.3%
 Five year 13.4%
 Ten year 13.8%
 Since inception 6.9%

*as of 08/31/24. See Notes.

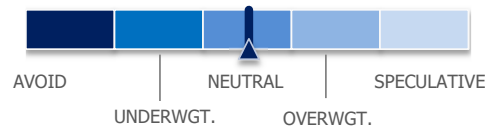
Trading statistics

Beta vs. S&P 500 0.92
 Standard deviation 20.1%

AltaVista Recommendation

NEUTRAL

Average appreciation potential. A rating of NEUTRAL is assigned to ETFs with ALTAR Scores in the middle quintile (ranking between 40%-60%) of their category. This indicates that valuations adequately reflect the fundamentals of stocks in these funds.



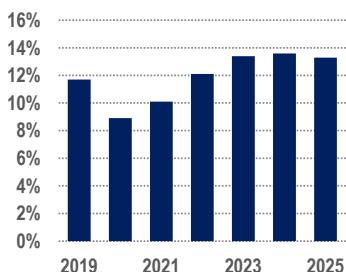
ALTAR Scores™

S&P 500 5.0%
 XLF 5.6%
 Cat. Avg. 5.6%

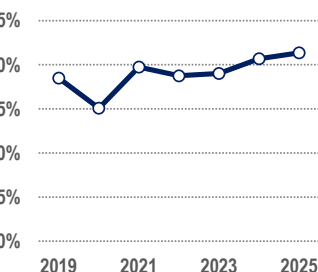
Per share results & estimates

	2019	2020	2021	2022	2023	2024E	2025E	19-24E CAGR
Sales	9.91	10.17	9.24	11.51	12.73	13.18	13.82	5.9%
Earnings	1.83	1.53	1.82	2.16	2.42	2.73	2.95	8.3%
Book Value	16.63	17.70	18.37	17.20	18.99	21.01	23.21	4.8%
Dividends	0.51	0.52	0.39	0.61	0.65	0.71	0.76	6.8%
Sales growth		2.6%	-9.2%	24.6%	10.6%	3.6%	4.8%	
EPS growth		-16.4%	18.9%	18.4%	12.1%	12.7%	8.2%	

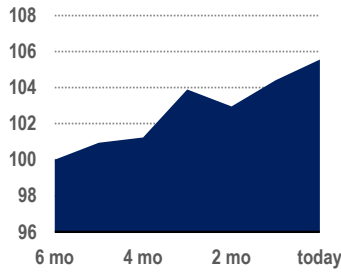
Return on Equity



Net margins



Trend in Current FY Est.



Analyst's opinion

Estimates have been trending upwards at a good pace as a Fed rate cut likely draws near, and earnings are forecast to grow another 8% next year presuming the economy avoids recession. Valuations remain well within their long-term range excluding the GFC when earnings tanked (P/E History chart). We rank Financials ahead of the S&P 500 though still in Neutral territory; however sell-side sentiment remains below average (see Sentiment page).

Valuation metrics

	2024E	2025E
Price-to-Earnings	16.8	15.5
Price-to-Cash Flow	23.2	21.2
Price-to-Sales	3.5	3.3
Price-to-Book Value	2.2	2.0
Yield* (%)	1.6	1.7

*Based on consensus dividend forecasts for underlying stocks. May differ significantly from distribution yield on the ETF.

Historical P/E ratio*



*based on twelve months' forward EPS (max value of 100)

Other fundamental data

LT growth est. 8.4%
 Payout ratio 26.0%
 Debt-to-equity 1.4x

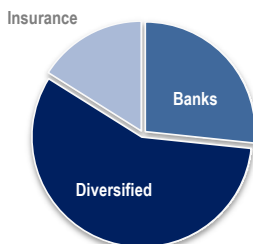
Top 10 Holdings

BERKSHIRE HATHAWAY INC-CL B	13.6%
JPMORGAN CHASE & CO	10.2%
VISA INC. CLASS A	6.9%
MASTERCARD INCORPORATED CLASS	6.3%
BANK OF AMERICA CORP	4.4%
WELLS FARGO & CO	3.2%
GOLDMAN SACHS GROUP INC	2.6%
S&P GLOBAL, INC.	2.6%
PROGRESSIVE CORP	2.3%
AMERICAN EXPRESS CO	2.3%
TOTAL	54.5%

Description

Select Sector SPDR® holding S&P 500 stocks in the Financial sector. Component industries include diversified financial services, insurance, banks, capital markets, consumer finance, thrifts and mortgage finance, and mortgage REITs. The fund seeks investment results that, before expenses, generally correspond to the price and yield performance of the benchmark index.

Industry Breakdown



Constituent allocation

No. of constituents	71
Weighted avg mkt cap (mns)	\$349,039
Large cap (>\$10bn)	99.6%
Mid cap (\$2-10bn)	0.4%
Small cap (<\$2bn)	0.0%



For more information visit www.etfrc.com

Health Care Select Sector SPDR Fund

XLV

\$157.20

Trading History



NOTES: The performance data quoted represents past performance. Past performance does not guarantee future results and current performance may be lower or higher than the performance quoted. Investment return and principal value will vary, and shares, when redeemed, may be worth more or less than their original cost. Additional performance info current to most recent month-end at www.sectorspdr.com/performance.

Fund basics

AltaVista Category	US
Fund sponsor	State Street Global Advisors
Inception date	December 16, 1998
Fund assets (mns)	\$42,478
Avg. daily volume (000)	7,476
Expense ratio (bp)	9
Distributions	Quarterly
Options availability	YES

Total returns (price)*

One year	19.9%
Five year	13.6%
Ten year	11.2%
Since inception	9.2%

*as of 08/31/24. See Notes.

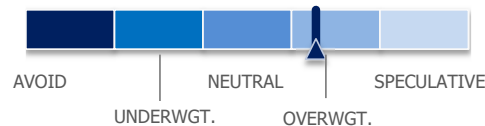
Trading statistics

Beta vs. S&P 500	0.65
Standard deviation	14.9%

AltaVista Recommendation

OVERWEIGHT

Above average appreciation potential. A rating of OVERWEIGHT is assigned to ETFs with ALTAR Scores in the 4th quintile (ranking higher than 60%-80%) of their category. Typically, funds in this category consist of stocks trading at attractive valuations and/or having above-average fundamentals.

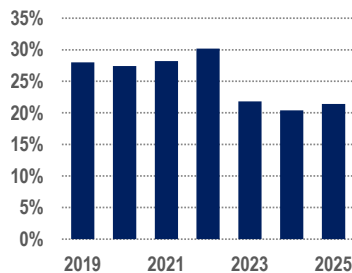


	ALTAR Scores™	
S&P 500	XLV	Cat. Avg.
5.0%	6.5%	5.6%

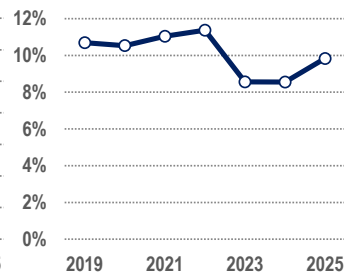
Per share results & estimates

	2019	2020	2021	2022	2023	2024E	2025E	19-24E CAGR
Sales	52.77	57.55	63.65	72.17	76.41	82.55	86.96	9.4%
Earnings	5.65	6.07	7.03	8.21	6.54	7.06	8.56	4.6%
Book Value	21.03	23.33	26.48	27.87	32.21	36.88	42.91	11.9%
Dividends	1.62	1.77	1.82	2.14	2.20	2.39	2.53	8.0%
Sales growth		9.1%	10.6%	13.4%	5.9%	8.0%	5.3%	
EPS growth		7.4%	15.9%	16.7%	-20.3%	7.9%	21.2%	

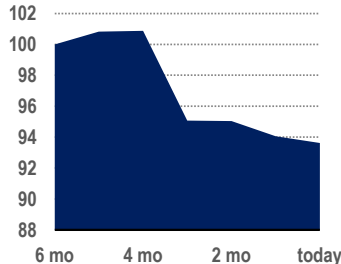
Return on Equity



Net margins



Trend in Current FY Est.



Analyst's opinion

Earnings estimates took a hit about three months ago and continue to drift lower (see Trend chart) but are nonetheless on track to surpass the vaccine-related peak of 2022 by next year. Meanwhile Health Care stocks continue to trade near the upper end of their P/E range of the last 20 years but still appear reasonable versus the broader market, resulting in our Overweight recommendation. Sell-side analysts however view the sector on par with the S&P 500.

Valuation metrics

	2024E	2025E
Price-to-Earnings	22.3	18.4
Price-to-Cash Flow	19.7	17.5
Price-to-Sales	1.9	1.8
Price-to-Book Value	4.3	3.7
Yield* (%)	1.5	1.6

*Based on consensus dividend forecasts for underlying stocks. May differ significantly from distribution yield on the ETF.

Historical P/E ratio*



*based on twelve months' forward EPS (max value of 100)

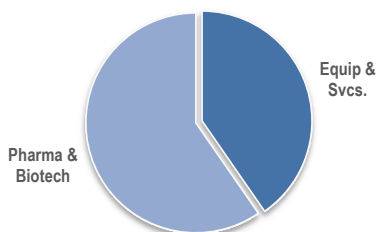
Top 10 Holdings

ELI LILLY & CO	13.2%
UNITEDHEALTH GROUP INC	9.4%
JOHNSON & JOHNSON	6.9%
ABBVIE INC	6.0%
MERCK & CO. INC.	5.2%
THERMO FISHER SCIENTIFIC INC	4.1%
ABBOTT LABORATORIES	3.4%
AMGEN INC	3.1%
DANAHER CORP	3.1%
INTUITIVE SURGICAL INC	3.0%
TOTAL	57.2%

Description

Select Sector SPDR® holding S&P 500 stocks in the Health Care sector. Component industries include Health Care Equipment & Services; and Pharmaceutical & Biotechnology. The fund seeks investment results that, before expenses, generally correspond to the price and yield performance of the benchmark index.

Industry Breakdown



Constituent allocation

No. of constituents	63
Weighted avg mkt cap (mns)	\$305,408
Large cap (>\$10bn)	99.2%
Mid cap (\$2-10bn)	0.6%
Small cap (<\$2bn)	0.0%

Other fundamental data

LT growth est.	8.5%
Payout ratio	33.8%
Debt-to-equity	0.8x



For more information visit www.etfrc.com

Industrial Select Sector SPDR Fund

XLI

\$131.46

Trading History



NOTES: The performance data quoted represents past performance. Past performance does not guarantee future results and current performance may be lower or higher than the performance quoted. Investment return and principal value will vary, and shares, when redeemed, may be worth more or less than their original cost. Additional performance info current to most recent month-end at www.sectorspdr.com/performance.

Fund basics

AltaVista Category	US
Fund sponsor	State Street Global Advisors
Inception date	December 16, 1998
Fund assets (mns)	\$19,874
Avg. daily volume (000)	8,276
Expense ratio (bp)	9
Distributions	Quarterly
Options availability	YES

Total returns (price)*

One year	23.4%
Five year	13.6%
Ten year	11.4%
Since inception	9.2%

*as of 08/31/24. See Notes.

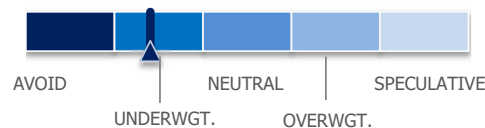
Trading statistics

Beta vs. S&P 500	1.02
Standard deviation	20.0%

AltaVista Recommendation

UNDERWEIGHT

Below average appreciation potential. A rating of UNDERWEIGHT is assigned to ETFs with ALTAR Scores in the 2nd quintile (ranking higher than only 20%-40%) of their category. Typically, funds in this category consist of stocks trading at relatively expensive valuations and/or having below-average fundamentals.



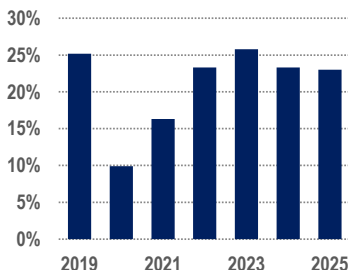
ALTAR Scores™

S&P 500	XLI	Cat. Avg.
5.0%	4.2%	5.6%

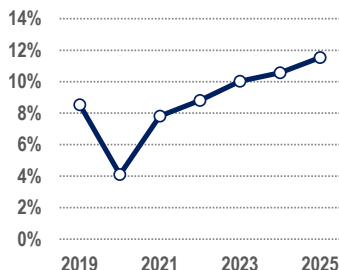
Per share results & estimates

	2019	2020	2021	2022	2023	2024E	2025E	19-24E CAGR
Sales	44.00	38.22	36.27	48.99	52.17	52.60	55.64	3.6%
Earnings	3.76	1.57	2.83	4.32	5.23	5.56	6.42	8.1%
Book Value	15.42	16.28	18.56	18.57	22.03	25.72	30.13	10.8%
Dividends	1.50	1.38	1.10	1.66	1.77	1.87	2.00	4.5%
Sales growth		-13.1%	-5.1%	35.1%	6.5%	0.8%	5.8%	
EPS growth		-58.2%	80.4%	52.3%	21.2%	6.2%	15.5%	

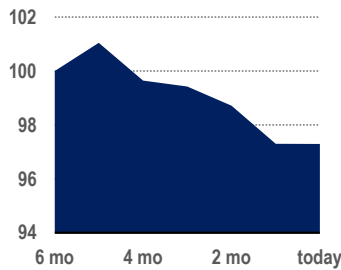
Return on Equity



Net margins



Trend in Current FY Est.



Analyst's opinion

The margin expansion baked into estimates for 2024-25 seem optimistic to us given the cloudy outlook for global growth, especially in China, and estimates have been trending lower. P/E multiples remain rich excluding the Covid spike (due to the earnings collapse in 2020), resulting in our Underweight recommendation. Sell-side analysts agree, with Industrials rated 2nd lowest after Utilities (Sentiment page), though any rate cuts could improve the outlook.

Valuation metrics

	2024E	2025E
Price-to-Earnings	23.7	20.5
Price-to-Cash Flow	18.4	16.7
Price-to-Sales	2.5	2.4
Price-to-Book Value	5.1	4.4
Yield* (%)	1.4	1.5

*Based on consensus dividend forecasts for underlying stocks. May differ significantly from distribution yield on the ETF.

Historical P/E ratio*



*based on twelve months' forward EPS (max value of 100)

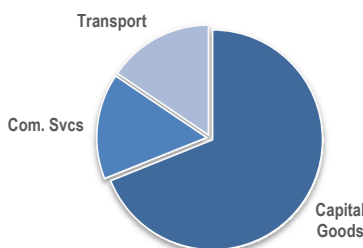
Top 10 Holdings

GE AEROSPACE	4.8%
CATERPILLAR INC	4.3%
RTX CORP	4.1%
UNION PACIFIC CORP	3.9%
UBER TECHNOLOGIES, INC.	3.8%
HONEYWELL INTERNATIONAL INC	3.4%
EATON CORP PLC	3.1%
LOCKHEED MARTIN CORP	3.0%
AUTOMATIC DATA PROCESSING	2.8%
BOEING CO	2.5%
TOTAL	35.6%

Description

Select Sector SPDR® holding S&P 500 stocks in the Industrials sector. Component industries include Capital Goods; Commercial Services & Supplies; and Transportation firms. The fund seeks investment results that, before expenses, generally correspond to the price and yield performance of the benchmark index.

Industry Breakdown



Constituent allocation

No. of constituents	78
Weighted avg mkt cap (mns)	\$89,771
Large cap (>\$10bn)	97.5%
Mid cap (\$2-10bn)	0.6%
Small cap (<\$2bn)	0.0%

Other fundamental data

LT growth est.	11.5%
Payout ratio	33.6%
Debt-to-equity	1.4x



For more information visit www.etfrc.com

Materials Select Sector SPDR Fund

XLB

\$94.28

Trading History



NOTES: The performance data quoted represents past performance. Past performance does not guarantee future results and current performance may be lower or higher than the performance quoted. Investment return and principal value will vary, and shares, when redeemed, may be worth more or less than their original cost. Additional performance info current to most recent month-end at www.sectorspdr.com/performance.

Fund basics

AltaVista Category	US
Fund sponsor	State Street Global Advisors
Inception date	December 16, 1998
Fund assets (mns)	\$5,640
Avg. daily volume (000)	4,445
Expense ratio (bp)	9
Distributions	Quarterly
Options availability	YES

Total returns (price)*

One year	16.1%
Five year	13.0%
Ten year	8.6%
Since inception	8.8%

*as of 08/31/24. See Notes.

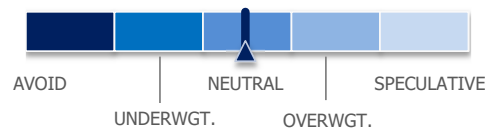
Trading statistics

Beta vs. S&P 500	1.06
Standard deviation	21.9%

AltaVista Recommendation

NEUTRAL

Average appreciation potential. A rating of NEUTRAL is assigned to ETFs with ALTAR Scores in the middle quintile (ranking between 40%-60%) of their category. This indicates that valuations adequately reflect the fundamentals of stocks in these funds.



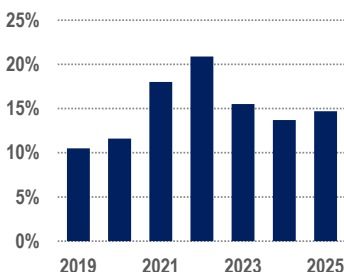
ALTAR Scores™

S&P 500	XLB	Cat. Avg.
5.0%	5.6%	5.6%

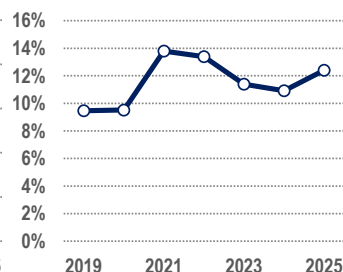
Per share results & estimates

	2019	2020	2021	2022	2023	2024E	2025E	19-24E CAGR
Sales	30.16	28.66	32.23	40.83	37.79	38.02	39.24	4.7%
Earnings	2.85	2.73	4.44	5.47	4.30	4.15	4.87	7.8%
Book Value	23.42	23.52	25.96	26.44	29.05	31.47	34.51	6.1%
Dividends	1.22	1.31	1.26	1.77	1.69	1.73	1.83	7.2%
Sales growth		-4.9%	12.4%	26.7%	-7.5%	0.6%	3.2%	
EPS growth		-4.4%	62.9%	23.0%	-21.3%	-3.6%	17.3%	

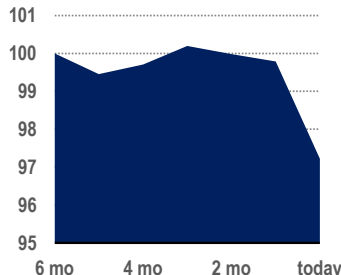
Return on Equity



Net margins



Trend in Current FY Est.



Analyst's opinion

Estimates are deteriorating again (Trend chart) meaning any recovery in earnings will likely have to wait until 2025. Commodity prices overall are starting to sag as inventories pile up, particularly in China. Meanwhile the sector's P/E multiple remains close to the upper end of its historical range(chart below). The Materials sector ranks ahead of the S&P 500 in our value-conscious framework but still within Neutral territory.

Valuation metrics

	2024E	2025E
Price-to-Earnings	22.7	19.4
Price-to-Cash Flow	14.8	13.6
Price-to-Sales	2.5	2.4
Price-to-Book Value	3.0	2.7
Yield* (%)	1.8	1.9

*Based on consensus dividend forecasts for underlying stocks. Ma differ significantly from distribution yield on the ETF.

Historical P/E ratio*



*based on twelve months' forward EPS (max value of 100)

Top 10 Holdings

LINDE PLC	21.6%
SHERWIN-WILLIAMS CO/THE	8.1%
ECOLAB INC	6.0%
FREEPORT-MCMORAN COPPER	6.0%
AIR PRODUCTS & CHEMICALS INC	5.8%
NEWMONT MINING CORP	5.3%
CORTEVA INC	3.8%
DOW, INC.	3.6%
NUCOR CORP	3.4%
DUPONT DE NEMOURS INC	3.3%
TOTAL	66.9%

Description

Select Sector SPDR® holding S&P 500 stocks in the Basic Materials sector. The fund seeks investment results that, before expenses, generally correspond to the price and yield performance of the benchmark index.

Industry Breakdown



Constituent allocation

No. of constituents	28
Weighted avg mkt cap (mns)	\$85,798
Large cap (>\$10bn)	99.2%
Mid cap (\$2-10bn)	0.8%
Small cap (<\$2bn)	0.0%

Other fundamental data

LT growth est.	9.1%
Payout ratio	41.7%
Debt-to-equity	0.7x



For more information visit www.etfrc.com

Real Estate Select Sector SPDR Fund

XLRE

\$43.55

Trading History



NOTES: The performance data quoted represents past performance. Past performance does not guarantee future results and current performance may be lower or higher than the performance quoted. Investment return and principal value will vary, and shares, when redeemed, may be worth more or less than their original cost. Additional performance info current to most recent month-end at www.sectorspdr.com/performance.

Fund basics

AltaVista Category	US
Fund sponsor	State Street Global Advisors
Inception date	October 7, 2015
Fund assets (mns)	\$7,665
Avg. daily volume (000)	6,621
Expense ratio (bp)	9
Distributions	Quarterly
Options availability	YES

Total returns (price)*

One year	21.9%
Five year	5.6%
Ten year	n/a
Since inception	n/a

*as of 08/31/24. See Notes.

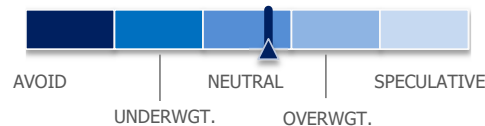
Trading statistics

Beta vs. S&P 500	1.08
Standard deviation	22.7%

AltaVista Recommendation

NEUTRAL

Average appreciation potential. A rating of NEUTRAL is assigned to ETFs with ALTAR Scores in the middle quintile (ranking between 40%-60%) of their category. This indicates that valuations adequately reflect the fundamentals of stocks in these funds.



	ALTAR Scores™	
S&P 500	XLRE	Cat. Avg.
5.0%	5.9%	5.6%

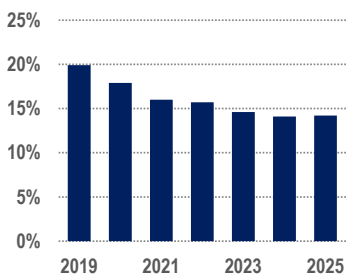
Analyst's opinion

Real Estate stocks soared nearly 20% over the past three months as investors cheered the anticipated start of interest rate cuts. That outperformance tipped our rating back down to Neutral territory, though the sector still ranks ahead of the S&P 500. We view the Real Estate sector as a secular growth story dominated by tech and mobile infrastructure plays (5G towers, AI data centers, etc.) more so than troubled commercial real estate.

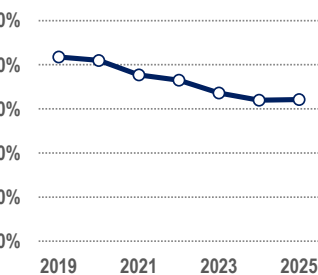
Per share results & estimates

	2019	2020	2021	2022	2023	2024E	2025E	19-24E CAGR
Sales	4.50	4.46	5.08	5.90	6.41	6.86	7.28	8.8%
Earnings	1.88	1.83	1.91	2.15	2.16	2.19	2.34	3.1%
Book Value	9.62	10.86	13.10	14.34	15.18	16.02	16.92	10.7%
Dividends	1.15	1.09	1.13	1.36	1.37	1.40	1.47	4.1%
Sales growth		-0.9%	13.7%	16.2%	8.7%	7.0%	6.1%	
EPS growth		-2.7%	4.6%	12.5%	0.1%	1.8%	6.5%	

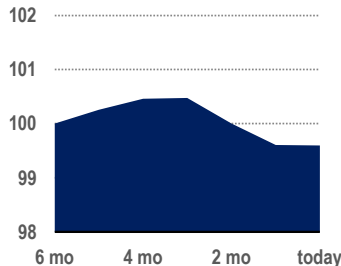
Return on Equity



Net margins



Trend in Current FY Est.



Valuation metrics

	2024E	2025E
Price-to-Earnings	19.9	18.6
Price-to-Cash Flow	25.4	18.4
Price-to-Sales	6.4	6.0
Price-to-Book Value	2.7	2.6
Yield* (%)	3.2	3.4

*Based on consensus dividend forecasts for underlying stocks. May differ significantly from distribution yield on the ETF.

Historical P/E ratio*



*based on twelve months' forward FFO (max value of 100)

Other fundamental data

LT growth est.	6.7%
Payout ratio	63.9%
Debt-to-equity	1.3x

Top 10 Holdings

PROLOGIS INC	10.6%
AMERICAN TOWER CORP-CL A	9.4%
EQUINIX INC	7.1%
WELLTOWER, INC.	6.5%
SIMON PROPERTY GROUP INC	4.9%
PUBLIC STORAGE	4.9%
REALTY INCOME CORP	4.8%
DIGITAL REALTY TRUST INC	4.4%
CROWN CASTLE INTL CORP	4.4%
EXTRA SPACE STORAGE INC	3.4%
TOTAL	60.1%

Description

Select Sector SPDR® holding S&P 500 stocks in the Real Estate sector. Component industries Real Estate Investment Trusts, excluding Mortgage REITS. The fund seeks investment results that, before expenses, generally correspond to the price and yield performance of the benchmark index.

Industry Breakdown



Constituent allocation

No. of constituents	31
Weighted avg mkt cap (mns)	\$49,976
Large cap (>\$10bn)	99.2%
Mid cap (\$2-10bn)	0.8%
Small cap (<\$2bn)	0.0%



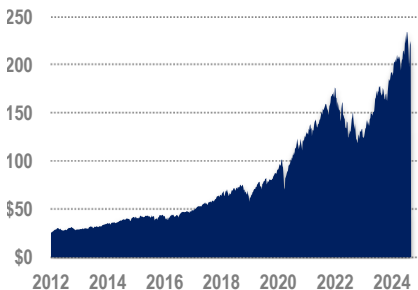
For more information visit www.etfrc.com

Technology Select Sector SPDR Fund

XLK

\$220.33

Trading History



NOTES: The performance data quoted represents past performance. Past performance does not guarantee future results and current performance may be lower or higher than the performance quoted. Investment return and principal value will vary, and shares, when redeemed, may be worth more or less than their original cost. Additional performance info current to most recent month-end at www.sectorspdr.com/performance.

Fund basics

AltaVista Category US
 Fund sponsor State Street Global Advisors
 Inception date December 16, 1998
 Fund assets (mns) \$69,350
 Avg. daily volume (000) 6,242
 Expense ratio (bp) 9
 Distributions Quarterly
 Options availability YES

Total returns (price)*

One year 26.4%
 Five year 23.8%
 Ten year 20.1%
 Since inception 9.3%

*as of 08/31/24. See Notes.

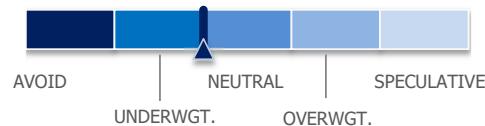
Trading statistics

Beta vs. S&P 500 1.21
 Standard deviation 23.7%

AltaVista Recommendation

NEUTRAL

Average appreciation potential. A rating of NEUTRAL is assigned to ETFs with ALTAR Scores in the middle quintile (ranking between 40%-60%) of their category. This indicates that valuations adequately reflect the fundamentals of stocks in these funds.



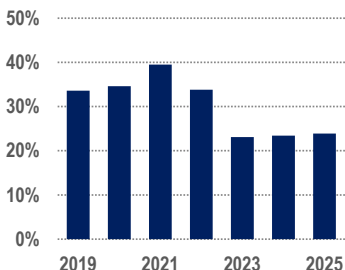
ALTAR Scores™

S&P 500 5.0%
XLK 5.0%
 Cat. Avg. 5.6%

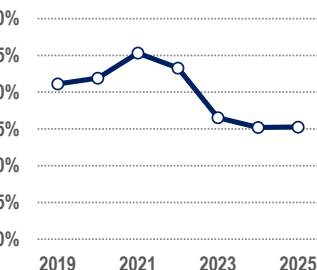
Per share results & estimates

	2019	2020	2021	2022	2023	2024E	2025E	19-24E CAGR
Sales	20.84	22.51	25.95	29.78	34.54	45.22	55.60	16.8%
Earnings	4.40	4.93	6.57	6.93	5.71	6.88	8.48	9.3%
Book Value	13.51	14.97	18.31	22.65	26.81	32.07	38.82	18.9%
Dividends	1.49	1.31	1.33	1.56	1.54	1.62	1.72	1.7%
Sales growth		8.0%	15.3%	14.7%	16.0%	30.9%	22.9%	
EPS growth		12.1%	33.2%	5.5%	-17.7%	20.5%	23.3%	

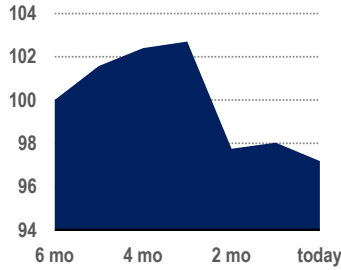
Return on Equity



Net margins



Trend in Current FY Est.



Analyst's opinion

Tech stocks remain just below their all-time highs, with a P/E ratio also near historical highs (chart below), even as some companies like NVDA are finding it harder to please investors despite beating expectations. Sell side analysts continue to rate Technology ahead of all other sectors (see Sentiment page) but our borderline-Underweight recommendation argues for caution, especially as any rate cuts could spur rotation into more economically-sensitive sectors.

Valuation metrics

	2024E	2025E
Price-to-Earnings	32.1	26.0
Price-to-Cash Flow	20.6	14.7
Price-to-Sales	4.9	4.0
Price-to-Book Value	6.9	5.7
Yield* (%)	0.7	0.8

*Based on consensus dividend forecasts for underlying stocks. *Ma differ significantly from distribution yield on the ETF.*

Historical P/E ratio*



*based on twelve months' forward EPS (max value of 100)

Top 10 Holdings

MICROSOFT CORP	21.3%
NVIDIA CORP	20.2%
APPLE INC	5.0%
BROADCOM INC.	4.4%
ADOBE SYSTEMS INC	2.7%
SALESFORCE.COM INC	2.6%
ADVANCED MICRO DEVICES	2.5%
ORACLE CORP	2.4%
ACCENTURE PLC-CL A	2.3%
CISCO SYSTEMS INC	2.1%
TOTAL	65.4%

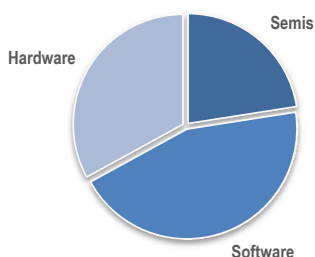
Constituent allocation

No. of constituents	67
Weighted avg mkt cap (mns)	\$1,012,190
Large cap (>\$10bn)	100.0%
Mid cap (\$2-10bn)	0.0%
Small cap (<\$2bn)	0.0%

Description

Select Sector SPDR® holding S&P 500 stocks in the Technology sector. Component industries include Semiconductors & Semi Equipment; Software & Services; Tech Hardware & Equipment; and Telecommunication Services. The fund seeks investment results that, before expenses, generally correspond to the price and yield performance of the benchmark index.

Industry Breakdown



Other fundamental data

LT growth est. 12.9%
 Payout ratio 23.6%
 Debt-to-equity 0.6x



For more information visit www.etfrc.com

Utilities Select Sector SPDR Fund

XLU

\$76.29

Trading History



NOTES: The performance data quoted represents past performance. Past performance does not guarantee future results and current performance may be lower or higher than the performance quoted. Investment return and principal value will vary, and shares, when redeemed, may be worth more or less than their original cost. Additional performance info current to most recent month-end at www.sectorspdr.com/performance.

Fund basics

AltaVista Category	US
Fund sponsor	State Street Global Advisors
Inception date	December 16, 1998
Fund assets (mns)	\$17,312
Avg. daily volume (000)	9,979
Expense ratio (bp)	9
Distributions	Quarterly
Options availability	YES

Total returns (price)*

One year	25.3%
Five year	7.4%
Ten year	9.4%
Since inception	7.6%

*as of 08/31/24. See Notes.

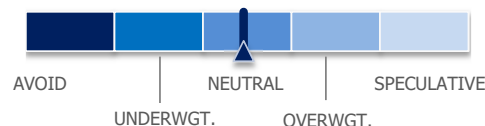
Trading statistics

Beta vs. S&P 500	0.67
Standard deviation	18.3%

AltaVista Recommendation

NEUTRAL

Average appreciation potential. A rating of NEUTRAL is assigned to ETFs with ALTAR Scores in the middle quintile (ranking between 40%-60%) of their category. This indicates that valuations adequately reflect the fundamentals of stocks in these funds.



ALTAR Scores™

S&P 500	XLU	Cat. Avg.
5.0%	5.6%	5.6%

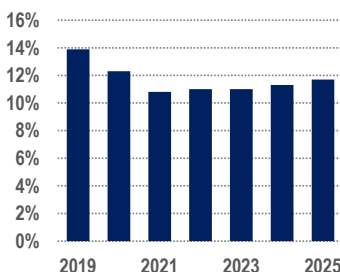
Per share results & estimates

	2019	2020	2021	2022	2023	2024E	2025E	19-24E CAGR
Sales	25.17	24.16	27.10	30.05	30.96	30.94	32.42	4.2%
Earnings	3.96	3.71	3.47	3.64	3.76	4.08	4.44	0.6%
Book Value	29.31	31.17	32.77	33.49	35.07	36.82	38.80	4.7%
Dividends	2.62	2.17	2.08	2.14	2.19	2.33	2.47	n/m
Sales growth		-4.0%	12.2%	10.9%	3.0%	-0.1%	4.8%	
EPS growth		-6.3%	-6.6%	4.9%	3.5%	8.4%	8.8%	

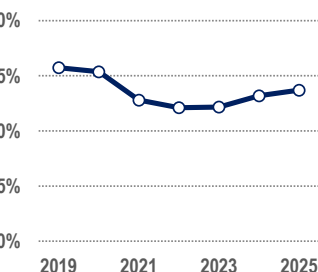
Analyst's opinion

Utilities continued to outperform over the last month (+6.2%) in anticipation of a rate cut likely coming soon, increasing the sector's relative appeal as an income play. Our value-conscious framework ranks the sector ahead of the S&P 500, though still in Neutral territory. However sell-side analysts disagree; they rate Utilities lower than any other sector.

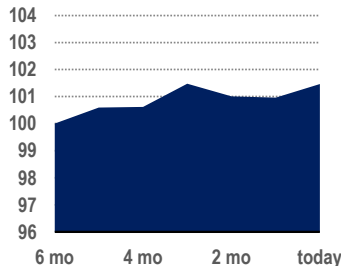
Return on Equity



Net margins



Trend in Current FY Est.



Valuation metrics

	2024E	2025E
Price-to-Earnings	18.7	17.2
Price-to-Cash Flow	9.8	9.0
Price-to-Sales	2.5	2.4
Price-to-Book Value	2.1	2.0
Yield* (%)	3.1	3.2

*Based on consensus dividend forecasts for underlying stocks. May differ significantly from distribution yield on the ETF.

Historical P/E ratio*



*based on twelve months' forward EPS (max value of 100)

Top 10 Holdings

NEXTERA ENERGY GROUP	14.2%
SOUTHERN CO	8.1%
DUKE ENERGY CORP	7.6%
CONSTELLATION ENERGY CORPORAT	5.3%
AMERICAN ELECTRIC POWER	4.6%
SEMPRA ENERGY	4.5%
DOMINION RESOURCES INC/VA	4.0%
P G & E CORP	3.6%
PUBLIC SERVICE ENTERPRISE GP	3.5%
EXELON CORP	3.3%
TOTAL	58.7%

Description

Select Sector SPDR® holding S&P 500 stocks in the Utilities sector. The fund seeks investment results that, before expenses, generally correspond to the price and yield performance of the benchmark index.

Industry Breakdown



Constituent allocation

No. of constituents	31
Weighted avg mkt cap (mns)	\$59,115
Large cap (>\$10bn)	99.1%
Mid cap (\$2-10bn)	0.9%
Small cap (<\$2bn)	0.0%

Other fundamental data

LT growth est.	5.8%
Payout ratio	57.0%
Debt-to-equity	1.7x



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Earnings/Net Income: Unless denoted as a GAAP figure, earnings are calculated on a "pro forma" basis using consensus EPS results/estimates for the individual constituents of each index, multiplied by the float-adjusted shares in the index. For Real Estate Investment Trusts (REITs), the consensus per-share figure for funds from operations, or FFO, is used in place of EPS data.

Cash Flow: Adds depreciation and amortization to consensus earnings estimates

Standard deviation: Statistical measure of price volatility using 3 years of monthly return data. Figures are annualized.

Beta: Measures relative volatility of a given sector index versus the S&P500 by comparing 3 years of monthly return data.

Book Value: Common Equity as reported by index constituents according to GAAP. Forecasts reflect pro-forma calculations using most recently reported figures, plus earnings less dividends.

Dividends per share: Dividends paid by companies in the index on a pro forma basis.

Payout ratio: Dividends as a percentage of Earnings/Net Income in a given year.

Return on Equity: Net income divided by average common equity over the period.

Debt-to-equity: Ratio of long- and short-term debt to owners equity.

Long-term growth: Uses consensus estimates of 3-5 year earnings growth for individual constituents of each index to calculate a float-adjusted earnings-weighted growth rate for the index as a whole.

Trend in Current FY Estimates: Illustrates changes in consensus estimates over time by examining the monthly change in current fiscal year EPS estimates for individual constituents of each index. Base period is set equal to 100.

Price-to-Earnings, -Cash Flow, -Sales and -Book Value: Valuation multiples derived by dividing the index price by the per-share figures for earnings, cash flow, sales and book value, respectively, as per the 'per share results & estimates' for each index.

Additional information is available upon request.



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