

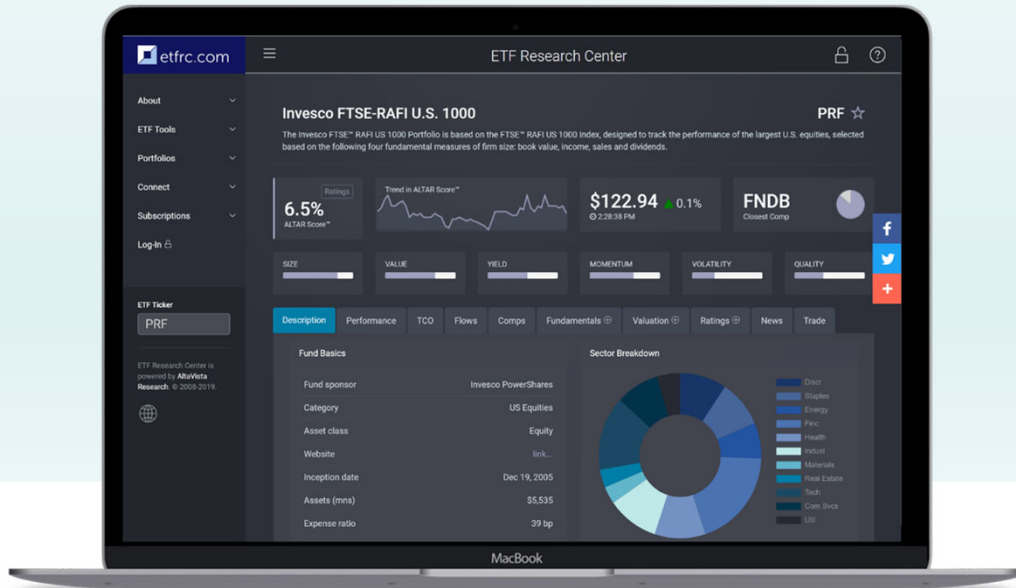
ETF Analyzer

February 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

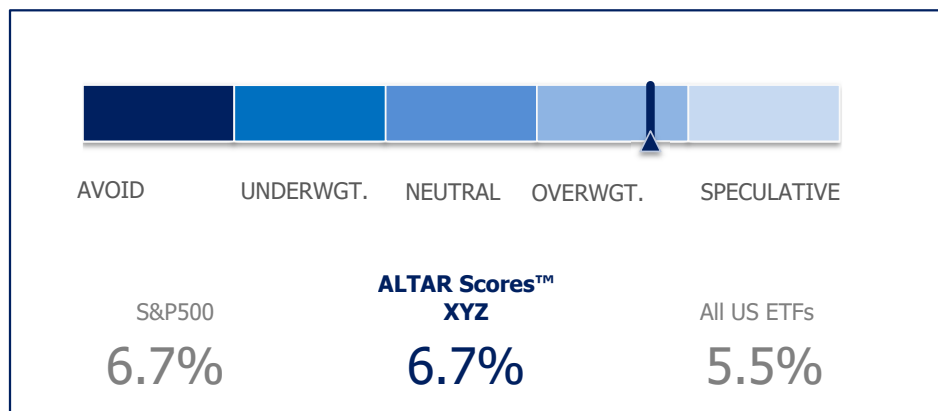
Keeping up-to-date

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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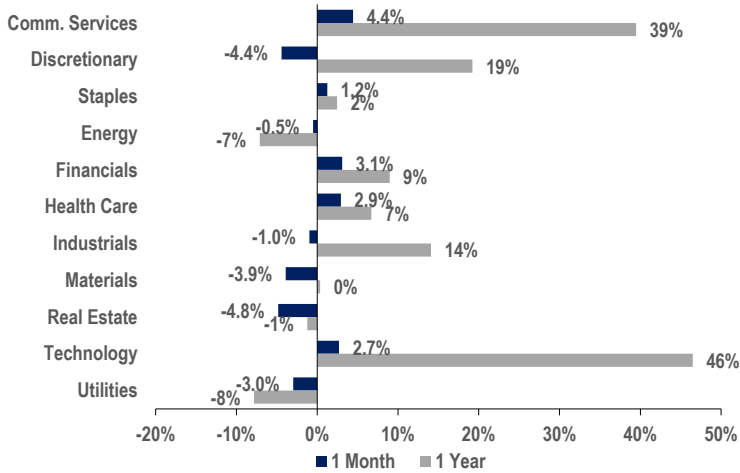
Communication Services Sector SPDR (XLC)	12
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Section I

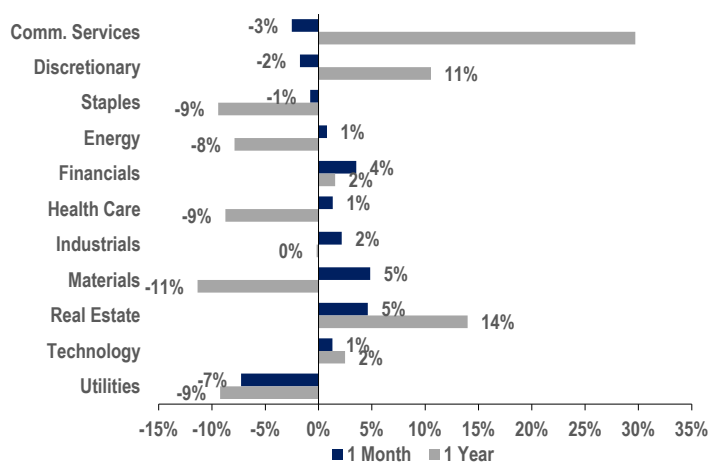
Side-by-Side Sector SPDR Charts

Market Activity & Breakdown

Total Returns* (Price)

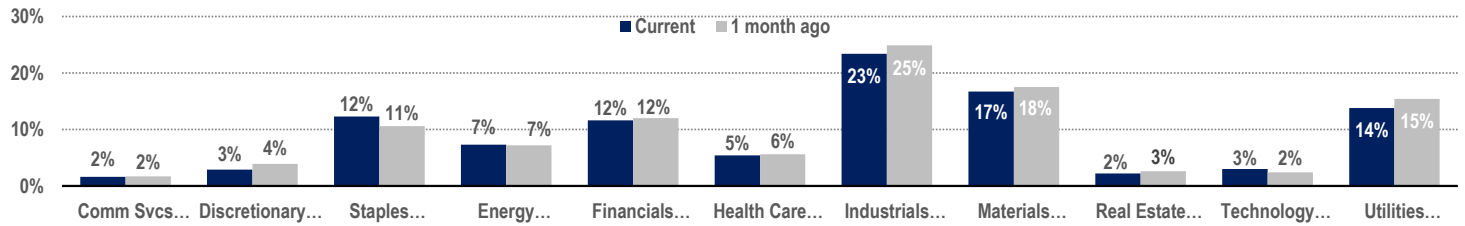


Changes in Shares Outstanding

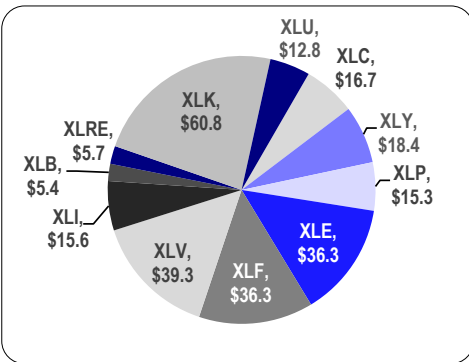


***NOTE:** The performance data quoted represents past performance. Past performance does not guarantee future results and current performance may be lower or higher than the performance quoted. Investment return and principal value will vary, and shares, when redeemed, may be worth more or less than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

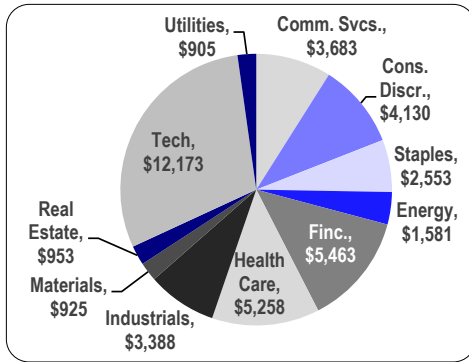
Short Interest (as a percentage of total shares outstanding)



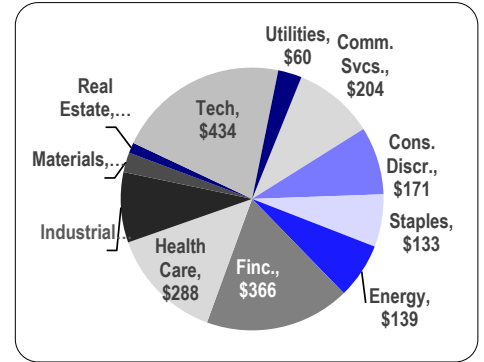
Assets Under Management (\$bns)



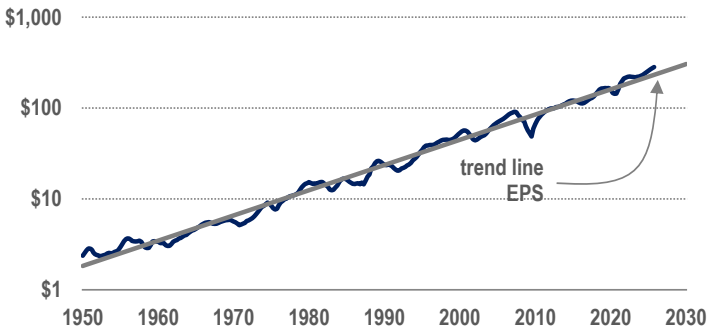
S&P 500 Market Cap by Sector (\$bns)



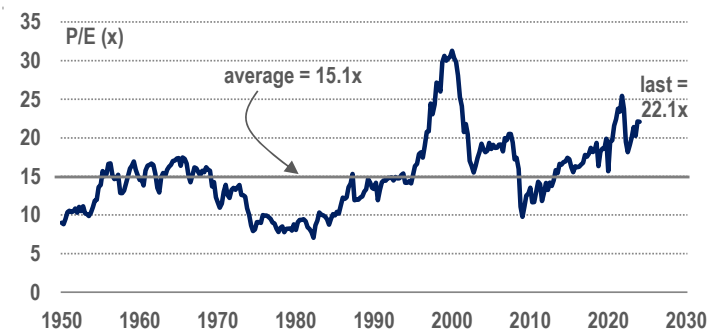
S&P 500 2024E Profits by Sector (\$bns)



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



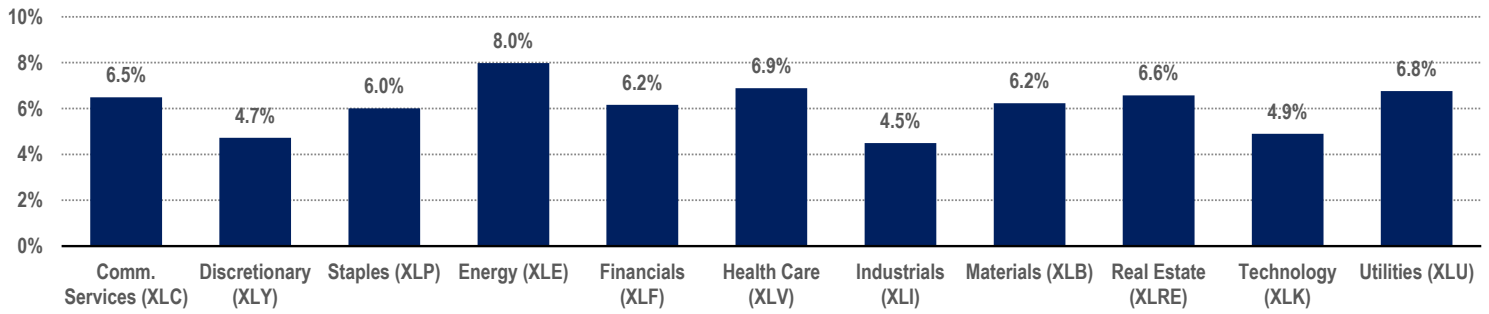
S&P500 Forward P/E multiple on Trend-line EPS



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)	16.2%	2.5x	0.10%	6.5%
Discretionary (XLY)	27.6%	5.7x	0.10%	4.7%
Staples (XLP)	27.8%	4.5x	0.10%	6.0%
Energy (XLE)	14.9%	1.8x	0.10%	8.0%
Financials (XLF)	11.5%	1.8x	0.10%	6.2%
Health Care (XLV)	26.1%	3.7x	0.10%	6.9%
Industrials (XLI)	20.0%	4.3x	0.10%	4.5%
Materials (XLB)	15.9%	2.5x	0.10%	6.2%
Real Estate (XLRE)	15.7%	2.3x	0.10%	6.6%
Technology (XLK)	34.6%	6.9x	0.10%	4.9%
Utilities (XLU)	11.3%	1.6x	0.10%	6.8%

Risk measures: Standard Deviation

	Prices (3yr Ann.)	Earnings Est. 2024-25E
Comm. Services (XLC)	21.5%	2.0%
Discretionary (XLY)	25.4%	2.8%
Staples (XLP)	14.6%	1.0%
Energy (XLE)	31.0%	4.8%
Financials (XLF)	21.3%	1.7%
Health Care (XLV)	14.9%	1.6%
Industrials (XLI)	20.5%	1.6%
Materials (XLB)	22.1%	3.0%
Real Estate (XLRE)	22.4%	3.7%
Technology (XLK)	23.3%	2.2%
Utilities (XLU)	18.4%	1.2%

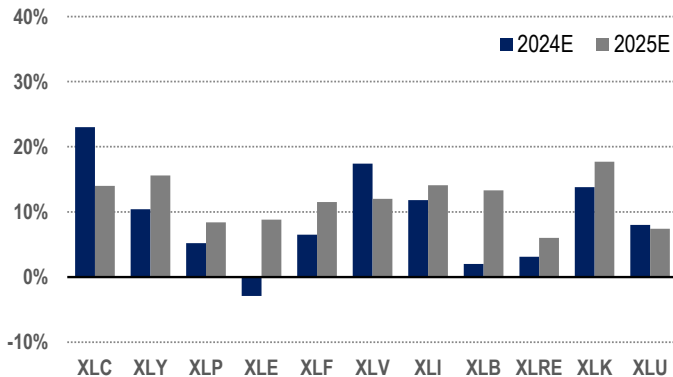
NOTE: The ALTAR Score™ is AltaVista's proprietary measure of an ETF's overall investment merit, based on academic work relating price-to-book value multiples to return on equity (Wilcox, Financial Analysts Journal, Jan-Feb 1984). In general, higher scores suggest better long term investment potential 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)

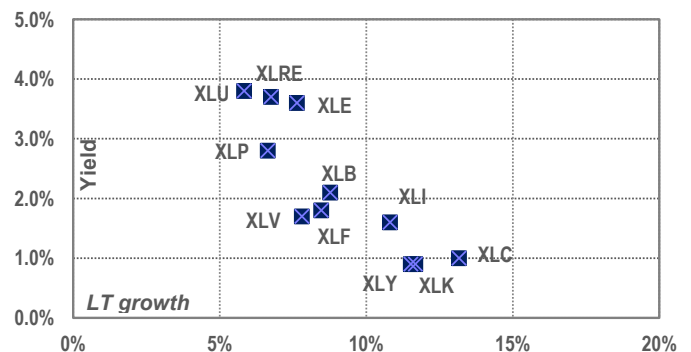
	Price	P/E	PEG	P/CF	P/Sales	P/BV	Yield*
Comm. Services (XLC)	\$75.88	16.7	1.3	10.3	2.2	2.5	1.0
Discretionary (XLY)	\$170.92	22.4	2.0	16.1	2.1	5.8	0.9
Staples (XLP)	\$72.92	19.1	2.9	16.5	1.4	4.6	2.8
Energy (XLE)	\$83.41	11.3	1.5	6.7	1.3	1.9	3.6
Financials (XLF)	\$38.76	14.9	1.8	21.0	2.9	1.9	1.8
Health Care (XLV)	\$140.38	18.2	2.3	17.7	1.7	3.8	1.7
Industrials (XLI)	\$112.89	19.6	1.8	16.2	2.1	4.4	1.6
Materials (XLB)	\$82.21	18.4	2.1	12.8	2.1	2.5	2.1
Real Estate (XLRE)	\$38.13	17.2	2.6	22.2	5.6	2.4	3.7
Technology (XLK)	\$197.68	27.6	2.4	26.3	6.6	7.0	0.9
Utilities (XLU)	\$61.45	15.2	2.6	7.9	2.0	1.7	3.8
S&P500	4,845.65	19.8	2.0	17.0	2.7	3.7	1.5

*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



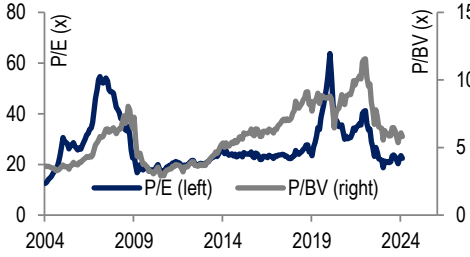
Note: All valuation metrics on this page calculated based on consensus estimates of current fund constituents, as collected by FactSet. Definitions of technical terms can be found on page 23 of this document.

Select Sector SPDRs

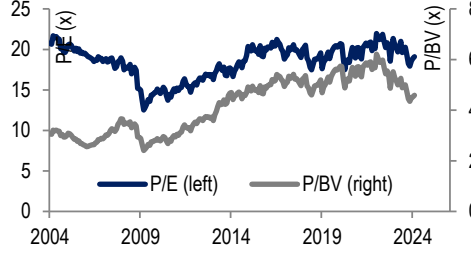
Trends in P/E and P/BV multiples

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.

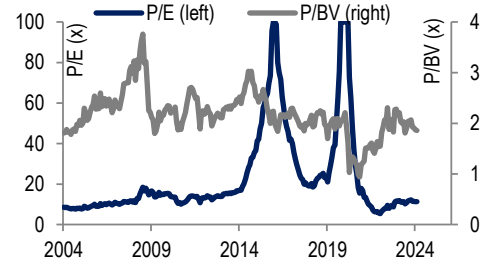
Consumer Discretionary (XLY)



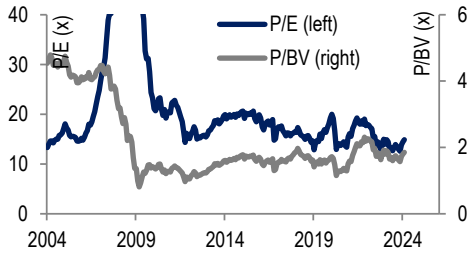
Consumer Staples (XLP)



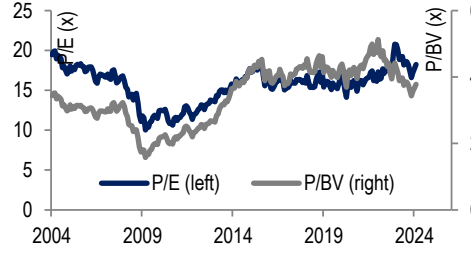
Energy (XLE)



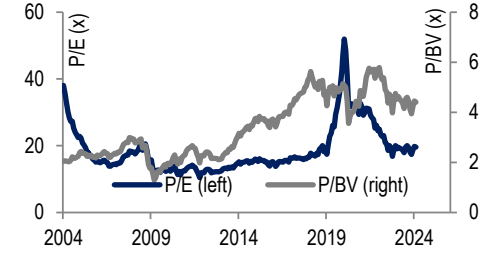
Financials (XLF)



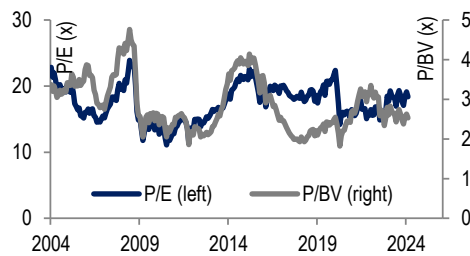
Health Care (XLV)



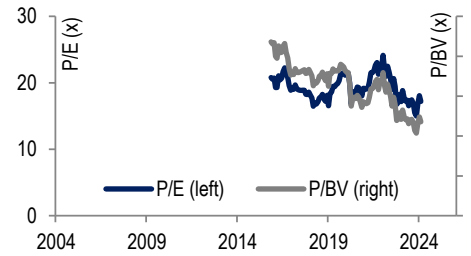
Industrials (XLI)



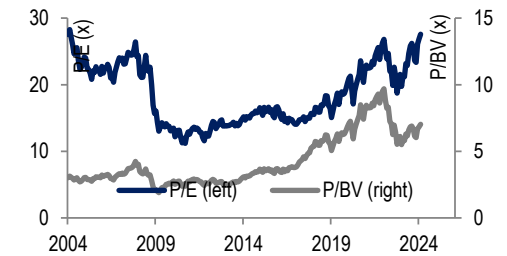
Materials (XLB)



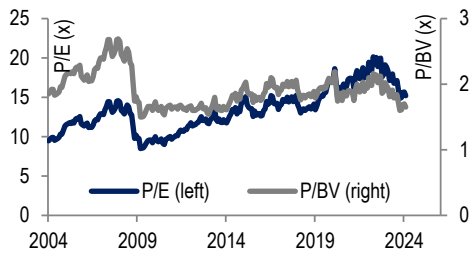
Real Estate (XLRE)



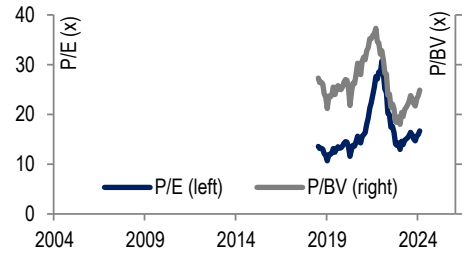
Technology (XLK)



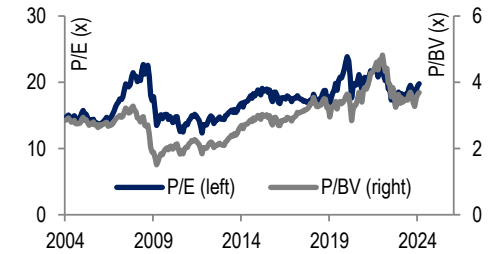
Utilities (XLU)



Communication Services (XLC)



S&P 500 (SPY, IVV & VOO)



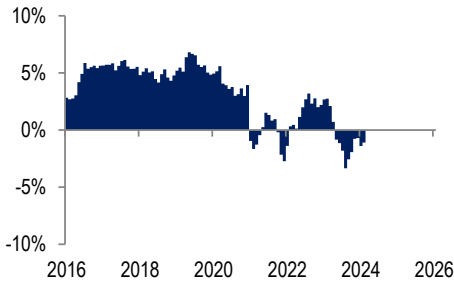
Select Sector SPDRs

Trends in Analysts Consensus Ratings

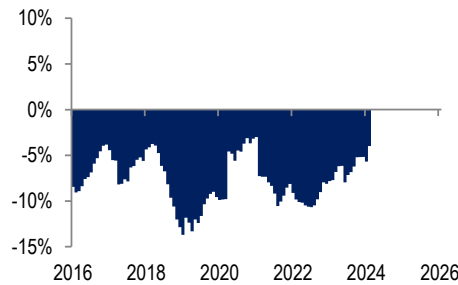
This page contains historical analysts' consensus ratings on each index's underlying constituents, relative to their ratings for the constituents of the S&P 500 overall. A reading of 5% means analysts are five percent more bullish on stocks in the sector than the market overall; a reading of negative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

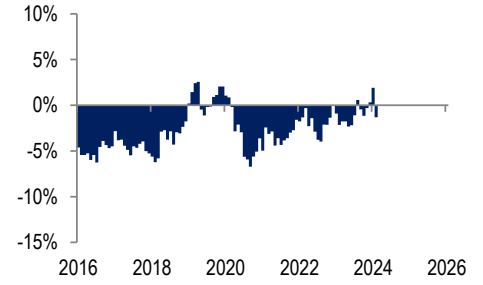
Consumer Discretionary (XLY)



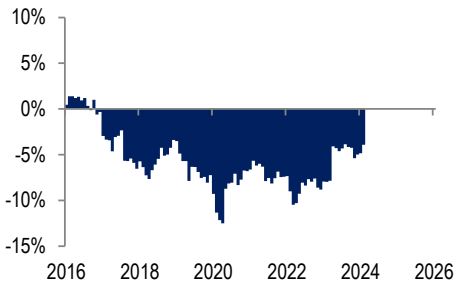
Consumer Staples (XLP)



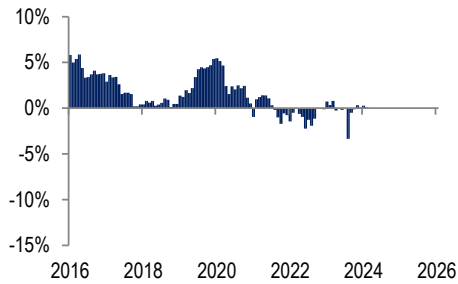
Energy (XLE)



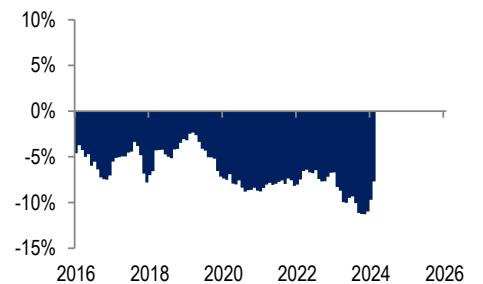
Financials (XLF)



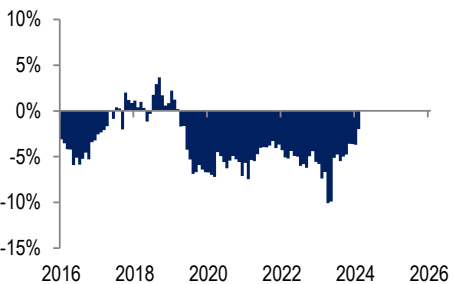
Health Care (XLV)



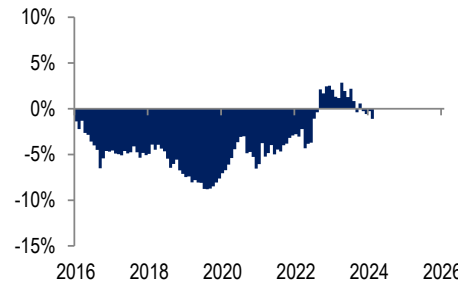
Industrials (XLI)



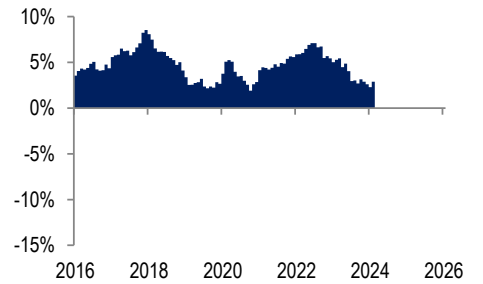
Materials (XLB)



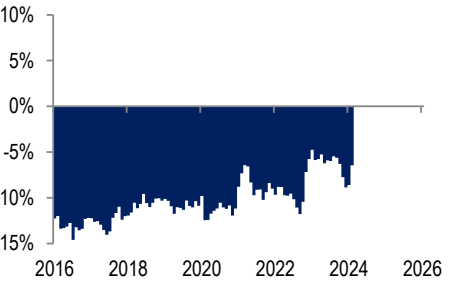
Real Estate (XLRE)



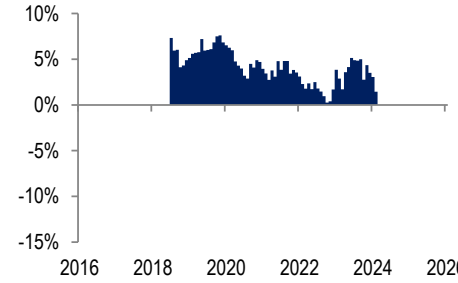
Technology (XLK)



Utilities (XLU)



Comm. Services (XLC)



Section II

Fund Detail Pages

Communication Services Select Sector SPDR Fund

XLC

\$75.88

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 Equities
 Fund sponsor SSGA
 Inception date June 18, 2018
 Fund assets (mns) \$16,678
 Avg. daily volume (000) 5,891
 Expense ratio (bp) 10
 Distributions Quarterly
 Options availability YES

Total returns (price)*

One year 39.5%
 Five year n/a
 Ten year n/a
 Since inception n/a

*as of 01/31/24. See Notes.

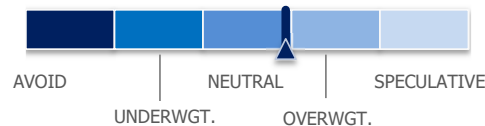
Trading statistics

Beta vs. S&P 500 1.04
 Standard deviation 21.5%

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.

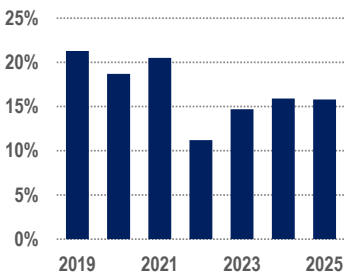


ALTAR Scores™
 S&P 500 5.3%
 XLC 6.5%
 Cat. Avg. 5.9%

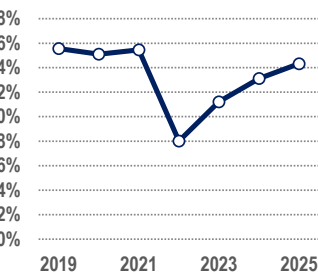
Per share results & estimates

	2019	2020	2021	2022	2023	2024E	2025E	19-24E CAGR
Sales	24.86	24.39	27.39	31.57	32.98	34.68	36.20	6.9%
Earnings	3.87	3.69	4.23	2.53	3.70	4.55	5.18	3.3%
Book Value	19.47	19.89	21.42	23.70	26.71	30.51	34.92	9.4%
Dividends	0.87	0.86	0.76	0.74	0.69	0.75	0.78	n/m
Sales growth		-1.9%	12.3%	15.3%	4.5%	5.1%	4.4%	
EPS growth		-4.7%	14.9%	-40.3%	46.2%	23.0%	14.0%	

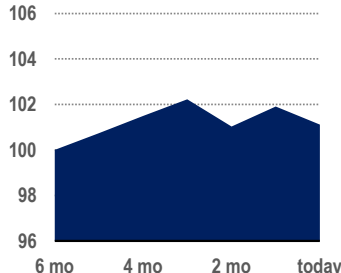
Return on Equity



Net margins



Trend in Current FY Est.



Analyst's opinion

Analysts forecast growth slowing both this year and next, but still growing at a healthy pace even with modest top-line growth. The January rally in prices brought the sector's P/E to its highest point outside the COVID-era surge and tipped our recommendation down to Neutral territory. Nonetheless XLC enjoys the lowest price-to-growth ("PEG") ratio of any sector at just 1.3x, compared to 2.4x for Technology.

Valuation metrics

	2024E	2025E
Price-to-Earnings	16.7	14.6
Price-to-Cash Flow	10.3	9.2
Price-to-Sales	2.2	2.1
Price-to-Book Value	2.5	2.2
Yield* (%)	1.0	1.0

*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. 13.2%
 Payout ratio 16.4%
 Debt-to-equity 1.2x

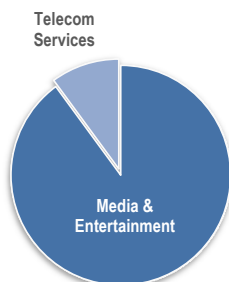
Top 10 Holdings

META PLATFORMS INC	24.9%
ALPHABET INC. CLASS A	11.9%
ALPHABET INC. CLASS C	10.1%
NETFLIX INC	5.2%
VERIZON COMMUNICATIONS INC	4.6%
COMCAST CORP-CL A	4.6%
AT&T INC	4.3%
WALT DISNEY CO/THE	4.3%
T-MOBILE US, INC.	4.3%
CHARTER COMMUNICATIONS, INC. C	4.2%
TOTAL	78.4%

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)	\$759,363
Large cap (>\$10bn)	99.1%
Mid cap (\$2-10bn)	0.9%
Small cap (<\$2bn)	0.0%



For more information visit www.etfrc.com

Consumer Discretionary Select Sector SPDR Fund

XLY

\$170.92

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 Equities
 Fund sponsor State Street Global Advisors
 Inception date December 16, 1998
 Fund assets (mns) \$18,374
 Avg. daily volume (000) 4,854
 Expense ratio 0.10%
 Distributions Quarterly
 Options availability YES

Total returns (price)*

One year 19.2%
 Five year 12.6%
 Ten year 11.2%
 Since inception 9.2%

*as of 01/31/24. See Notes.

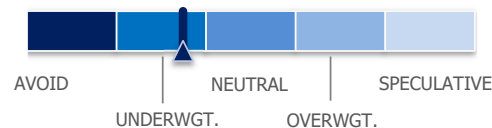
Trading statistics

Beta vs. S&P 500 1.28
 Standard deviation 25.4%

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 5.3%
XLY 4.7%
 Cat. Avg. 5.9%

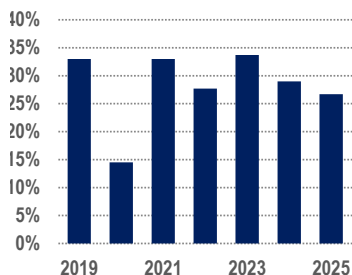
Per share results & estimates

	2019	2020	2021	2022	2023	2024E	2025E	19-24E CAGR
Sales	56.61	53.63	62.25	72.55	78.81	83.55	89.10	8.1%
Earnings	4.23	1.97	5.34	4.95	6.90	7.62	8.80	12.5%
Book Value	12.85	14.22	18.14	17.68	23.21	29.36	36.60	18.0%
Dividends	1.36	0.93	0.97	1.24	1.37	1.47	1.57	1.6%
Sales growth		-5.3%	16.1%	16.5%	8.6%	6.0%	6.6%	
EPS growth		-53.5%	171.3%	-7.1%	39.2%	10.4%	15.6%	

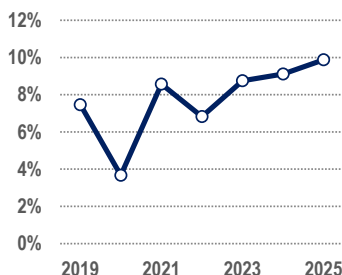
Analyst's opinion

Newly-inaugurated forecasts for 2025 show analysts believe consumer spending will continue apace, pushing revenue gains of 6.6% while margins soar to record levels (which seems optimistic to us, but depends a lot on AMZN & TSLA), translating into 16% earnings growth. But after share prices surged ~40% last year valuations appear rich with a P/E of 22x forward earnings--higher than any other sector except Tech--resulting in our Underweight

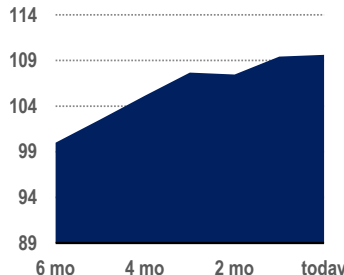
Return on Equity



Net margins



Trend in Current FY Est.



Valuation metrics

	2024E	2025E
Price-to-Earnings	22.4	19.4
Price-to-Cash Flow	16.1	14.3
Price-to-Sales	2.1	1.9
Price-to-Book Value	5.8	4.7
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. 11.5%
 Payout ratio 19.3%
 Debt-to-equity 2.3x

Top 10 Holdings

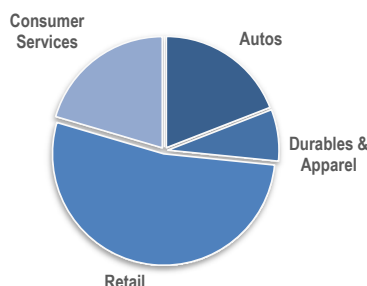
AMAZON.COM INC	24.5%
TESLA MOTORS INC	14.1%
HOME DEPOT INC	4.8%
MCDONALD'S CORP	4.7%
NIKE INC -CL B	3.8%
LOWE'S COS INC	3.8%
BOOKING HOLDINGS INC.	3.7%
STARBUCKS CORP	3.3%
CHIPOTLE MEXICAN GRILL-CL A	2.0%
TOTAL	68.0%

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	53
Weighted avg mkt cap (mns)	\$548,903
Large cap (>\$10bn)	98.3%
Mid cap (\$2-10bn)	1.7%
Small cap (<\$2bn)	0.0%



For more information visit www.etfrc.com

Consumer Staples Select Sector SPDR Fund

XLP

\$72.92

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 Equities
Fund sponsor	State Street Global Advisors
Inception date	December 16, 1998
Fund assets (mns)	\$15,315
Avg. daily volume (000)	11,316
Expense ratio (bp)	10
Distributions	Quarterly
Options availability	YES

Total returns (price)*

One year	2.5%
Five year	10.4%
Ten year	8.3%
Since inception	6.6%

*as of 01/31/24. See Notes.

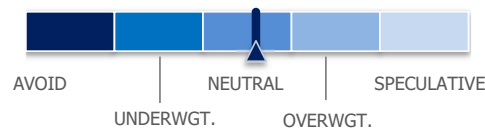
Trading statistics

Beta vs. S&P 500	0.57
Standard deviation	14.6%

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.

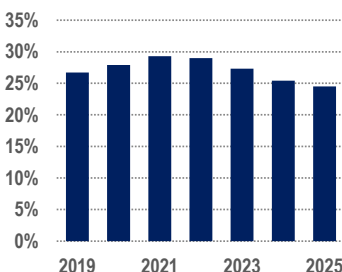


ALTAR Scores™		
S&P 500	XLP	Cat. Avg.
5.3%	6.0%	5.9%

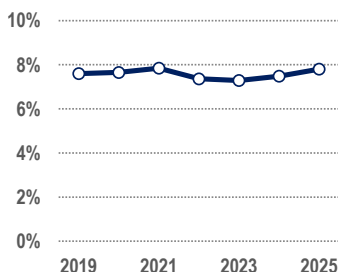
Per share results & estimates

	2019	2020	2021	2022	2023	2024E	2025E	19-24E CAGR
Sales	37.90	39.70	42.49	47.65	49.71	50.97	52.99	6.1%
Earnings	2.88	3.04	3.33	3.51	3.62	3.81	4.13	5.8%
Book Value	10.83	10.96	11.80	12.42	14.12	15.89	17.89	8.0%
Dividends	1.56	1.61	1.69	1.86	1.93	2.04	2.14	5.5%
Sales growth		4.7%	7.0%	12.1%	4.3%	2.6%	4.0%	
EPS growth		5.5%	9.7%	5.3%	3.3%	5.2%	8.4%	

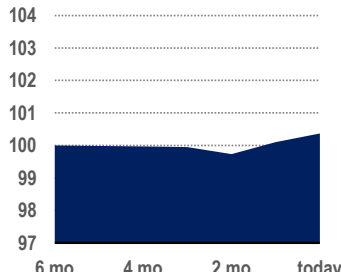
Return on Equity



Net margins



Trend in Current FY Est.



Analyst's opinion

Analysts forecast earnings growth of about 5% this year and 8% for 2025 despite slower revenue growth as companies find a little margin relief. In any event the sector's 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 though still in Neutral territory. Meanwhile sell-side sentiment has been improving though Staples still rate below average (see Sentiment page).

Valuation metrics

	2024E	2025E
Price-to-Earnings	19.1	17.6
Price-to-Cash Flow	16.5	15.2
Price-to-Sales	1.4	1.4
Price-to-Book Value	4.6	4.1
Yield* (%)	2.8	2.9

*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

PROCTER & GAMBLE CO/THE	14.8%
COSTCO WHOLESALE CORP	12.3%
PEPSICO INC	9.3%
COCA-COLA CO/THE	9.3%
WAL-MART STORES INC	4.7%
MONDELEZ INTERNATIONAL INC-A	4.6%
PHILIP MORRIS INTERNATIONAL	4.3%
ALTRIA GROUP INC	3.3%
COLGATE-PALMOLIVE CO	3.2%
TARGET CORP	3.0%
TOTAL	68.7%

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	37
Weighted avg mkt cap (mns)	\$192,626
Large cap (>\$10bn)	100.0%
Mid cap (\$2-10bn)	0.0%
Small cap (<\$2bn)	0.0%

Other fundamental data

LT growth est.	6.6%
Payout ratio	53.5%
Debt-to-equity	1.2x



For more information visit www.etfrc.com

Energy Select Sector SPDR Fund

XLE

\$83.41

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 Equities
Fund sponsor	State Street Global Advisors
Inception date	December 16, 1998
Fund assets (mns)	\$36,290
Avg. daily volume (000)	18,128
Expense ratio (bp)	10
Distributions	Quarterly
Options availability	YES

Total returns (price)*

One year	-7.1%
Five year	13.2%
Ten year	3.3%
Since inception	7.9%

*as of 01/31/24. See Notes.

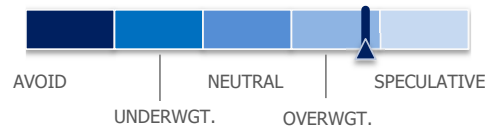
Trading statistics

Beta vs. S&P 500	0.67
Standard deviation	31.0%

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	XLE	Cat. Avg.
5.3%	8.0%	5.9%

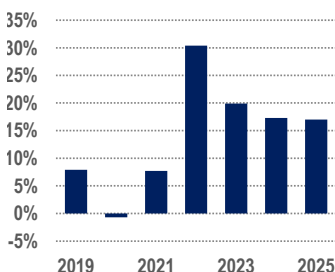
Analyst's opinion

Oil prices remain volatile as war in the Middle East threatens supply disruptions, while softening demand weighs on prices in the other direction. Meanwhile consensus earnings estimates for 2024-25 show little conviction one way or the other. Regardless, years of underinvestment and recent blockbuster acquisition announcements to secure reserves suggests that the market will be undersupplied longer term. Given reasonable valuations we rate the Energy sector Overweight.

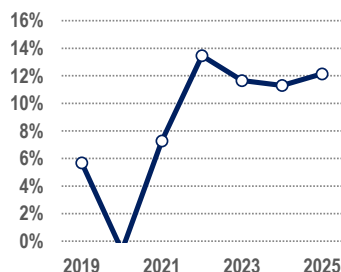
Per share results & estimates

	2019	2020	2021	2022	2023	2024E	2025E	19-24E CAGR
Sales	47.92	31.71	31.02	75.78	65.01	65.14	65.96	6.3%
Earnings	2.72	-0.22	2.26	10.20	7.57	7.36	8.01	22.0%
Book Value	33.83	27.21	31.18	35.84	40.41	44.77	49.67	5.8%
Dividends	2.25	2.19	1.14	2.89	3.00	3.00	3.11	5.9%
Sales growth		-33.8%	-2.2%	144.3%	-14.2%	0.2%	1.3%	
EPS growth		-108.0%	-1133.7%	352.2%	-25.7%	-2.9%	8.8%	

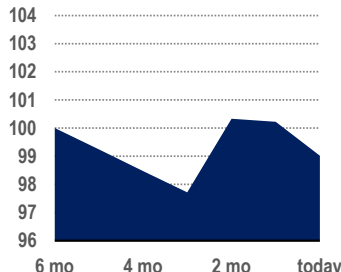
Return on Equity



Net margins



Trend in Current FY Est.

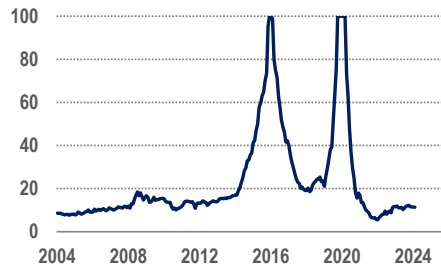


Valuation metrics

	2024E	2025E
Price-to-Earnings	11.3	10.4
Price-to-Cash Flow	6.7	6.3
Price-to-Sales	1.3	1.3
Price-to-Book Value	1.9	1.7
Yield* (%)	3.6	3.7

*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)

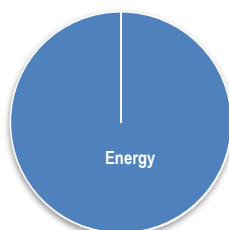
Top 10 Holdings

EXXON MOBIL CORP	23.2%
CHEVRON CORP	17.4%
CONOCOPHILLIPS	8.9%
EOG RESOURCES, INC.	4.5%
SCHLUMBERGER LTD	4.4%
PHILLIPS 66	4.3%
MARATHON PETROLEUM	4.3%
PIONEER NATURAL RESOURCES CO	3.6%
VALERO ENERGY CORP	3.2%
WILLIAMS COS INC	2.9%
TOTAL	76.6%

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	23
Weighted avg mkt cap (mns)	\$188,743
Large cap (>\$10bn)	100.0%
Mid cap (\$2-10bn)	0.0%
Small cap (<\$2bn)	0.0%

Other fundamental data

LT growth est.	7.6%
Payout ratio	40.8%
Debt-to-equity	0.5x



For more information visit www.etfrc.com

Financial Select Sector SPDR Fund

XLF

\$38.76

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 Equities
Fund sponsor	State Street Global Advisors
Inception date	December 16, 1998
Fund assets (mns)	\$36,314
Avg. daily volume (000)	44,364
Expense ratio (bp)	10
Distributions	Quarterly
Options availability	YES

Total returns (price)*

One year	9.0%
Five year	12.5%
Ten year	12.7%
Since inception	6.2%

*as of 01/31/24. See Notes.

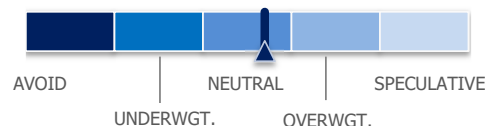
Trading statistics

Beta vs. S&P 500	0.98
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	XLF	Cat. Avg.
5.3%	6.2%	5.9%

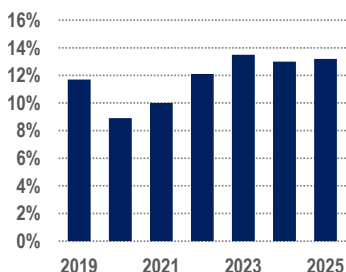
Analyst's opinion

Analysts forecast just ~7% earnings growth for 2024 as the Fed's tightening cycle likely comes to an end, but no recession as newly-inaugurated estimates for 2025 see a return to double-digit growth. Meanwhile valuations remain near the bottom of their long-term range excluding the GFC (P/E History chart). We rank Financials somewhat ahead of the S&P 500 though still in Neutral territory; however sell-side sentiment remains below average (see Sentiment page).

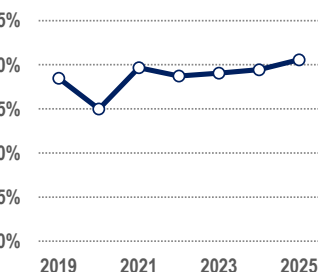
Per share results & estimates

	2019	2020	2021	2022	2023	2024E	2025E	19-24E CAGR
Sales	10.03	10.27	9.31	11.60	12.83	13.39	14.11	6.0%
Earnings	1.85	1.54	1.83	2.17	2.45	2.60	2.90	7.0%
Book Value	16.84	17.91	18.55	17.25	19.04	20.94	23.09	4.5%
Dividends	0.52	0.52	0.39	0.62	0.66	0.72	0.77	6.8%
Sales growth		2.5%	-9.4%	24.6%	10.6%	4.3%	5.4%	
EPS growth		-16.9%	18.9%	18.6%	12.6%	6.5%	11.5%	

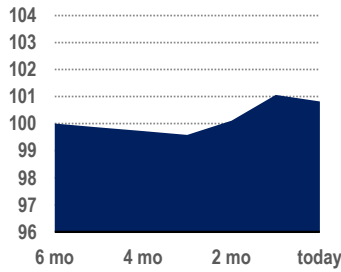
Return on Equity



Net margins



Trend in Current FY Est.



Valuation metrics

	2024E	2025E
Price-to-Earnings	14.9	13.4
Price-to-Cash Flow	21.0	19.0
Price-to-Sales	2.9	2.8
Price-to-Book Value	1.9	1.7
Yield* (%)	1.8	2.0

*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.	8.5%
Payout ratio	27.5%
Debt-to-equity	1.4x

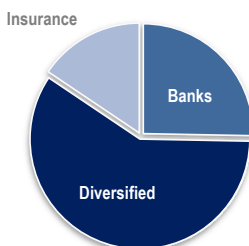
Top 10 Holdings

BERKSHIRE HATHAWAY INC-CL B	13.0%
JPMORGAN CHASE & CO	9.4%
VISA INC. CLASS A	8.1%
MASTERCARD INCORPORATED CLASS	6.9%
BANK OF AMERICA CORP	4.4%
WELLS FARGO & CO	3.4%
S&P GLOBAL, INC.	2.7%
GOLDMAN SACHS GROUP INC	2.3%
AMERICAN EXPRESS CO	2.2%
MORGAN STANLEY	2.1%
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	72
Weighted avg mkt cap (mns)	\$302,447
Large cap (>\$10bn)	99.5%
Mid cap (\$2-10bn)	0.5%
Small cap (<\$2bn)	0.0%



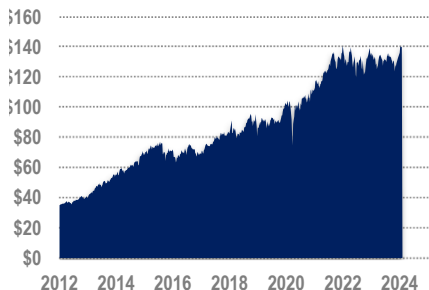
For more information visit www.etfrc.com

Health Care Select Sector SPDR Fund

XLV

\$140.38

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 Equities
Fund sponsor	State Street Global Advisors
Inception date	December 16, 1998
Fund assets (mns)	\$39,287
Avg. daily volume (000)	8,557
Expense ratio (bp)	10
Distributions	Quarterly
Options availability	YES

Total returns (price)*

One year	6.7%
Five year	12.1%
Ten year	11.5%
Since inception	8.7%

*as of 01/31/24. See Notes.

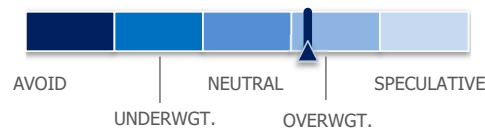
Trading statistics

Beta vs. S&P 500	0.66
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.

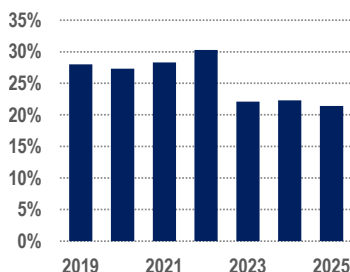


	ALTAR Scores™	
S&P 500	XLV	Cat. Avg.
5.3%	6.9%	5.9%

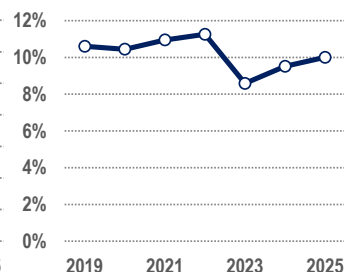
Per share results & estimates

	2019	2020	2021	2022	2023	2024E	2025E	19-24E CAGR
Sales	52.92	57.70	63.81	72.24	76.36	80.90	86.12	8.9%
Earnings	5.61	6.03	6.99	8.13	6.56	7.70	8.62	6.5%
Book Value	20.94	23.21	26.26	27.47	31.84	37.16	43.27	12.2%
Dividends	1.62	1.76	1.81	2.13	2.19	2.37	2.52	8.0%
Sales growth		9.0%	10.6%	13.2%	5.7%	6.0%	6.5%	
EPS growth		7.4%	15.9%	16.4%	-19.4%	17.4%	12.0%	

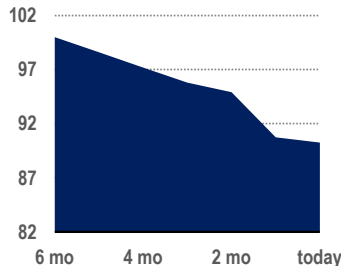
Return on Equity



Net margins



Trend in Current FY Est.



Analyst's opinion

Profits are forecast to rebound this year and add another 12% in 2025, when they are finally expected to surpass the vaccine-related peak of 2022. Meanwhile health care stocks have traded in a rather tight P/E range since 2015 (chart below), making them appear relatively attractive versus a richly-valued S&P 500, earning an Overweight recommendation. That said, Medicare drug-price negotiation could pose a threat to long term growth and profitability.

Valuation metrics

	2024E	2025E
Price-to-Earnings	18.2	16.3
Price-to-Cash Flow	17.7	15.7
Price-to-Sales	1.7	1.6
Price-to-Book Value	3.8	3.2
Yield* (%)	1.7	1.8

*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)

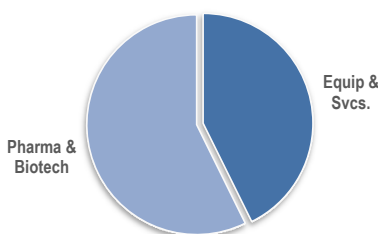
Top 10 Holdings

ELI LILLY & CO	9.9%
UNITEDHEALTH GROUP INC	9.1%
JOHNSON & JOHNSON	7.3%
MERCK & CO. INC.	5.9%
ABBVIE INC	5.6%
THERMO FISHER SCIENTIFIC INC	4.0%
ABBOTT LABORATORIES	3.8%
AMGEN INC	3.2%
DANAHER CORP	3.0%
PFIZER INC	2.9%
TOTAL	54.7%

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	64
Weighted avg mkt cap (mns)	\$235,079
Large cap (>\$10bn)	99.3%
Mid cap (\$2-10bn)	0.7%
Small cap (<\$2bn)	0.0%

Other fundamental data

LT growth est.	7.8%
Payout ratio	30.8%
Debt-to-equity	0.8x



For more information visit www.etfrc.com

Industrial Select Sector SPDR Fund

XLI

\$112.89

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 Equities
Fund sponsor	State Street Global Advisors
Inception date	December 16, 1998
Fund assets (mns)	\$15,599
Avg. daily volume (000)	9,674
Expense ratio (bp)	10
Distributions	Quarterly
Options availability	YES

Total returns (price)*

One year	14.1%
Five year	13.9%
Ten year	10.1%
Since inception	8.5%

*as of 01/31/24. See Notes.

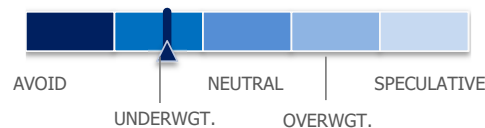
Trading statistics

Beta vs. S&P 500	1.07
Standard deviation	20.5%

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.
5.3%	4.5%	5.9%

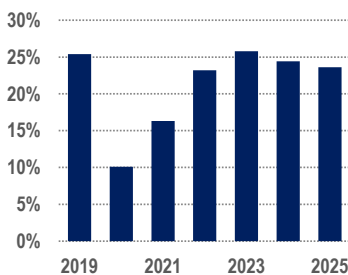
Analyst's opinion

The margin expansion baked into estimates for 2024-25 seem optimistic to us given a slowing global economy, especially in China, while post-GFC P/E multiples remain rich (excluding the Covid spike due to the dramatic earnings collapse in 2020), resulting in our Underweight recommendation. Sentiment among sell-side analysts continues to be rather pessimistic as well.

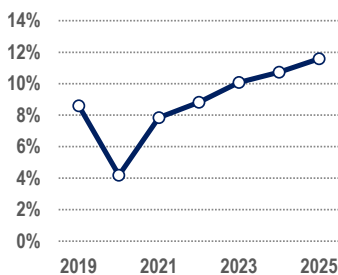
Per share results & estimates

	2019	2020	2021	2022	2023	2024E	2025E	19-24E CAGR
Sales	43.06	37.40	35.53	48.09	51.19	53.73	56.82	4.5%
Earnings	3.70	1.57	2.79	4.24	5.16	5.76	6.58	9.3%
Book Value	15.12	16.03	18.25	18.27	21.69	25.61	30.22	11.1%
Dividends	1.48	1.36	1.08	1.63	1.74	1.84	1.97	4.5%
Sales growth		-13.1%	-5.0%	35.4%	6.4%	5.0%	5.7%	
EPS growth		-57.6%	77.8%	52.2%	21.7%	11.8%	14.1%	

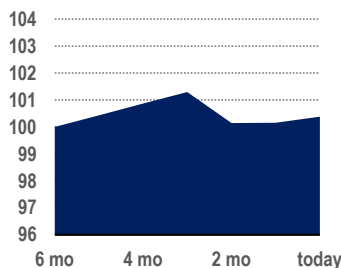
Return on Equity



Net margins



Trend in Current FY Est.



Valuation metrics

	2024E	2025E
Price-to-Earnings	19.6	17.2
Price-to-Cash Flow	16.2	14.7
Price-to-Sales	2.1	2.0
Price-to-Book Value	4.4	3.7
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.	10.8%
Payout ratio	31.9%
Debt-to-equity	1.4x

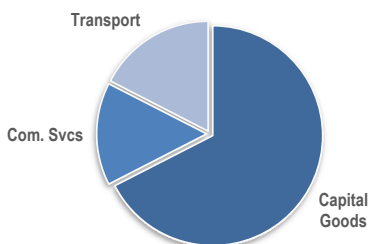
Top 10 Holdings

CATERPILLAR INC	4.4%
UNION PACIFIC CORP	4.3%
GENERAL ELECTRIC COMPANY	4.1%
UBER TECHNOLOGIES, INC.	3.8%
HONEYWELL INTERNATIONAL INC	3.8%
RAYTHEON TECHNOLOGIES CORP/	3.7%
BOEING CO	3.4%
DEERE & CO	3.0%
UNITED PARCEL SERVICE-CL B	2.9%
AUTOMATIC DATA PROCESSING	2.9%
TOTAL	36.4%

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)	\$81,155
Large cap (>\$10bn)	98.8%
Mid cap (\$2-10bn)	0.7%
Small cap (<\$2bn)	0.0%



For more information visit www.etfrc.com

Materials Select Sector SPDR Fund

XLB

\$82.21

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 Equities
 Fund sponsor State Street Global Advisors
 Inception date December 16, 1998
 Fund assets (mns) \$5,428
 Avg. daily volume (000) 5,841
 Expense ratio (bp) 10
 Distributions Quarterly
 Options availability YES

Total returns (price)*

One year 0.4%
 Five year 12.6%
 Ten year 8.1%
 Since inception 8.2%

*as of 01/31/24. See Notes.

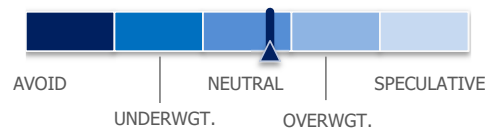
Trading statistics

Beta vs. S&P 500 1.10
 Standard deviation 22.1%

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.



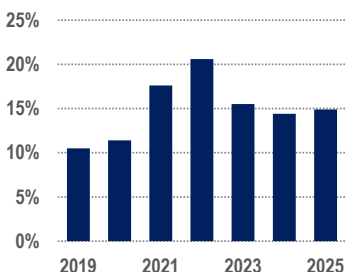
ALTAR Scores™

S&P 500 5.3%
XLB 6.2%
 Cat. Avg. 5.9%

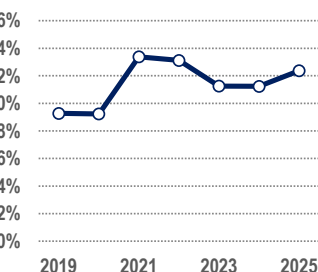
Per share results & estimates

	2019	2020	2021	2022	2023	2024E	2025E	19-24E CAGR
Sales	31.24	29.71	33.31	42.03	38.96	39.79	40.94	5.0%
Earnings	2.90	2.75	4.46	5.51	4.38	4.47	5.06	9.1%
Book Value	24.10	24.10	26.56	27.02	29.72	32.46	35.70	6.1%
Dividends	1.24	1.32	1.26	1.76	1.68	1.73	1.82	6.8%
Sales growth		-4.9%	12.1%	26.2%	-7.3%	2.1%	2.9%	
EPS growth		-5.2%	62.3%	23.7%	-20.5%	2.0%	13.3%	

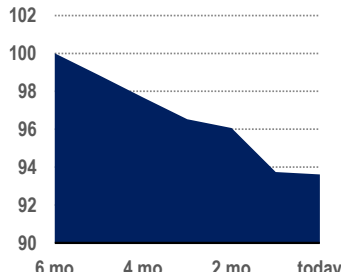
Return on Equity



Net margins



Trend in Current FY Est.



Analyst's opinion

Both sales and earnings took a hit last year and are forecast to make only a modest recovery this year as weaker consumption especially from China weighs on demand, even as overall commodity prices remain firm. Estimates for next year anticipate 13% earnings growth but only minimal top-line growth. P/E multiples remain well within historical norms, ranking the sector higher than the S&P 500 in our value-conscious framework but still in Neutral territory.

Valuation metrics

	2024E	2025E
Price-to-Earnings	18.4	16.2
Price-to-Cash Flow	12.8	11.7
Price-to-Sales	2.1	2.0
Price-to-Book Value	2.5	2.3
Yield* (%)	2.1	2.2

*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)

Other fundamental data

LT growth est. 8.8%
 Payout ratio 38.6%
 Debt-to-equity 0.7x

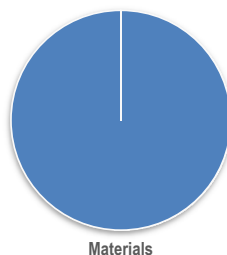
Top 10 Holdings

LINDE PLC	21.1%
SHERWIN-WILLIAMS CO/THE	7.7%
FREEMONT-MCMORAN COPPER	6.1%
AIR PRODUCTS & CHEMICALS INC	6.1%
ECOLAB INC	5.4%
NUCOR CORP	5.0%
DOW, INC.	4.1%
NEWMONT MINING CORP	3.9%
PPG INDUSTRIES INC	3.6%
CORTEVA INC	3.5%
TOTAL	66.6%

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



Materials

Constituent allocation

No. of constituents	28
Weighted avg mkt cap (mns)	\$74,566
Large cap (>\$10bn)	99.2%
Mid cap (\$2-10bn)	0.8%
Small cap (<\$2bn)	0.0%



For more information visit www.etfrc.com

Real Estate Select Sector SPDR Fund

XLRE

\$38.13

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 Equities
Fund sponsor	State Street Global Advisors
Inception date	October 7, 2015
Fund assets (mns)	\$5,706
Avg. daily volume (000)	6,567
Expense ratio (bp)	10
Distributions	Quarterly
Options availability	YES

Total returns (price)*

One year	-1.2%
Five year	7.7%
Ten year	n/a
Since inception	n/a

**as of 01/31/24. See Notes.*

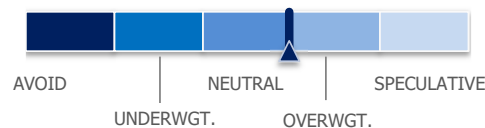
Trading statistics

Beta vs. S&P 500	1.14
Standard deviation	22.4%

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.
5.3%	6.6%	5.9%

Analyst's opinion

Analysts are forecasting growth of just 3% for 2024 and only slightly better for 2025, and both margins and ROE have been trending in the wrong direction. The rally since October helped the sector's P/E recover from historic lows and tipped our recommendation down to Neutral territory, but it still rates well ahead of the broader S&P 500 in our value-conscious framework. The likely end of the Fed's tightening cycle could be a catalyst for share prices.

Valuation metrics

	2024E	2025E
Price-to-Earnings	17.2	16.2
Price-to-Cash Flow	22.2	16.1
Price-to-Sales	5.6	5.3
Price-to-Book Value	2.4	2.2
Yield* (%)	3.7	3.8

**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)*

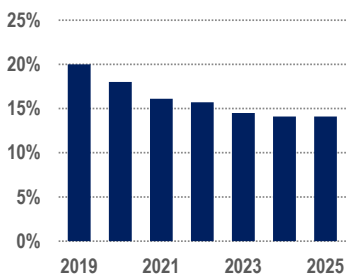
Other fundamental data

LT growth est.	6.8%
Payout ratio	63.0%
Debt-to-equity	1.3x

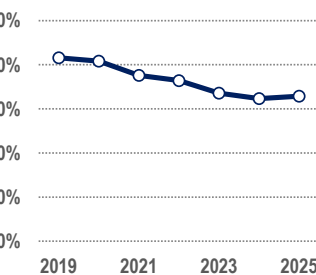
Per share results & estimates

	2019	2020	2021	2022	2023	2024E	2025E	19-24E CAGR
Sales	4.50	4.46	5.08	5.90	6.40	6.85	7.15	8.8%
Earnings	1.87	1.82	1.91	2.15	2.15	2.22	2.35	3.4%
Book Value	9.53	10.73	12.94	14.43	15.28	16.15	17.08	11.1%
Dividends	1.14	1.08	1.12	1.36	1.36	1.40	1.46	4.2%
Sales growth		-0.8%	13.8%	16.1%	8.5%	7.0%	4.4%	
EPS growth		-2.7%	4.8%	12.5%	0.0%	3.1%	6.0%	

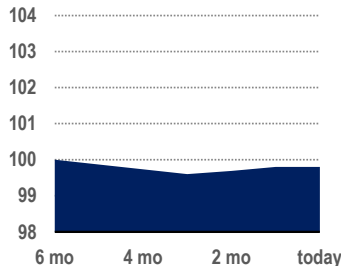
Return on Equity



Net margins



Trend in Current FY Est.



Top 10 Holdings

PROLOGIS INC	12.1%
AMERICAN TOWER CORP-CL A	9.4%
EQUINIX INC	8.0%
WELLTOWER, INC.	4.9%
CROWN CASTLE INTL CORP	4.9%
REALTY INCOME CORP	4.7%
SIMON PROPERTY GROUP INC	4.7%
PUBLIC STORAGE	4.6%
DIGITAL REALTY TRUST INC	4.4%
COSTAR GROUP INC	3.5%
TOTAL	61.2%

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)	\$46,153
Large cap (>\$10bn)	97.1%
Mid cap (\$2-10bn)	2.9%
Small cap (<\$2bn)	0.0%



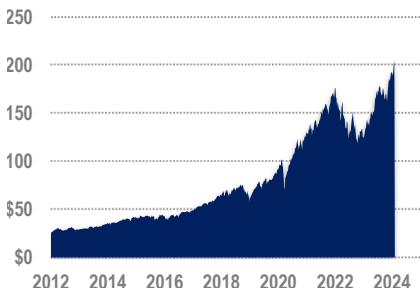
For more information visit www.etfrc.com

Technology Select Sector SPDR Fund

XLK

\$197.68

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 Equities
Fund sponsor	State Street Global Advisors
Inception date	December 16, 1998
Fund assets (mns)	\$60,827
Avg. daily volume (000)	7,180
Expense ratio (bp)	10
Distributions	Quarterly
Options availability	YES

Total returns (price)*

One year	46.5%
Five year	27.4%
Ten year	20.3%
Since inception	8.8%

*as of 01/31/24. See Notes.

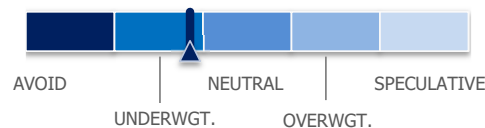
Trading statistics

Beta vs. S&P 500	1.23
Standard deviation	23.3%

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	XLK	Cat. Avg.
5.3%	4.9%	5.9%

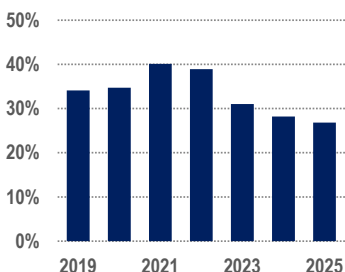
Analyst's opinion

AI-enthusiasm propelled Tech stocks 56% higher last year despite no earnings growth; this year earnings are forecast to advance 14% and another 18% in 2025. But the rally, which continued in January, brought the P/E ratio to its highest in 20 years (History chart below), which could restrain further appreciation. As a result the sector we downgraded the sector recommendation to Underweight.

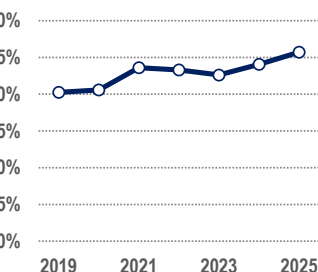
Per share results & estimates

	2019	2020	2021	2022	2023	2024E	2025E	19-24E CAGR
Sales	20.31	21.24	24.01	27.83	27.84	29.79	32.79	8.0%
Earnings	4.11	4.37	5.67	6.48	6.30	7.16	8.43	11.7%
Book Value	12.24	12.93	15.37	17.94	22.64	28.12	34.76	18.1%
Dividends	1.30	1.33	1.37	1.60	1.60	1.68	1.79	5.3%
Sales growth		4.6%	13.0%	15.9%	0.0%	7.0%	10.1%	
EPS growth		6.3%	29.6%	14.4%	-2.9%	13.8%	17.7%	

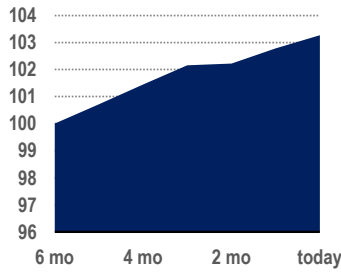
Return on Equity



Net margins



Trend in Current FY Est.



Valuation metrics

	2024E	2025E
Price-to-Earnings	27.6	23.4
Price-to-Cash Flow	26.3	23.1
Price-to-Sales	6.6	6.0
Price-to-Book Value	7.0	5.7
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*



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

Other fundamental data

LT growth est.	11.7%
Payout ratio	23.5%
Debt-to-equity	0.7x

Top 10 Holdings

MICROSOFT CORP	23.0%
APPLE INC	20.4%
NVIDIA CORP	5.5%
BROADCOM INC.	5.3%
ADOBE SYSTEMS INC	3.0%
SALESFORCE.COM INC	2.9%
ADVANCED MICRO DEVICES	2.9%
ACCENTURE PLC-CL A	2.4%
CISCO SYSTEMS INC	2.2%
INTEL CORP	1.9%
TOTAL	69.4%

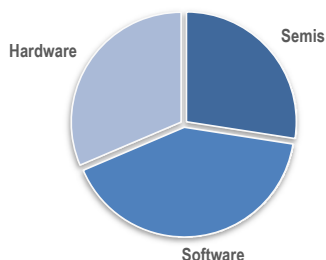
Constituent allocation

No. of constituents	64
Weighted avg mkt cap (mns)	\$1,504,390
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



For more information visit www.etfrc.com

Utilities Select Sector SPDR Fund

XLU

\$61.45

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 Equities
Fund sponsor	State Street Global Advisors
Inception date	December 16, 1998
Fund assets (mns)	\$12,805
Avg. daily volume (000)	17,507
Expense ratio (bp)	10
Distributions	Quarterly
Options availability	YES

Total returns (price)*

One year	-7.8%
Five year	6.4%
Ten year	8.5%
Since inception	6.6%

*as of 01/31/24. See Notes.

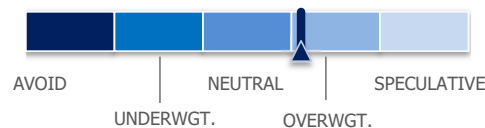
Trading statistics

Beta vs. S&P 500	0.73
Standard deviation	18.4%

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	XLU	Cat. Avg.
5.3%	6.8%	5.9%

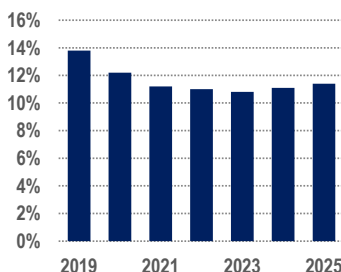
Analyst's opinion

Utilities were the worst performing sector last year, with the slide continuing in January and sending the sector's P/E multiple to its lowest point in three years. But as the Fed likely nears the end of its tightening cycle Utilities' appeal as income plays (which compete with Treasuries) could come back into favor, especially if the economy slows or tips into recession. Our value-conscious framework ranks the sector Overweight, but sell-side sentiment remains relatively bearish.

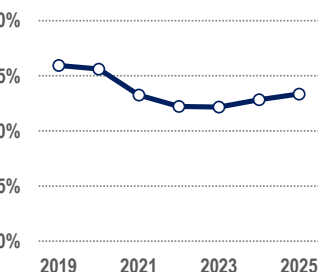
Per share results & estimates

	2019	2020	2021	2022	2023	2024E	2025E	19-24E CAGR
Sales	24.80	23.81	27.20	30.16	30.80	31.55	32.56	4.9%
Earnings	3.95	3.72	3.60	3.69	3.75	4.05	4.35	0.5%
Book Value	29.55	31.43	33.16	34.05	35.59	37.28	39.13	4.8%
Dividends	2.63	2.17	2.11	2.16	2.21	2.36	2.49	n/m
Sales growth		-4.0%	14.2%	10.9%	2.1%	2.4%	3.2%	
EPS growth		-6.0%	-3.0%	2.3%	1.7%	8.0%	7.4%	

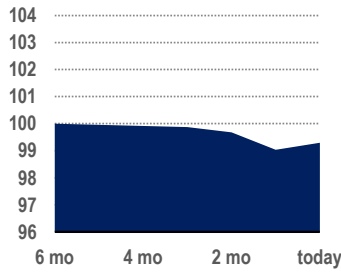
Return on Equity



Net margins



Trend in Current FY Est.



Valuation metrics

	2024E	2025E
Price-to-Earnings	15.2	14.1
Price-to-Cash Flow	7.9	7.3
Price-to-Sales	2.0	1.9
Price-to-Book Value	1.7	1.6
Yield* (%)	3.8	4.1

*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.	5.8%
Payout ratio	58.2%
Debt-to-equity	1.7x

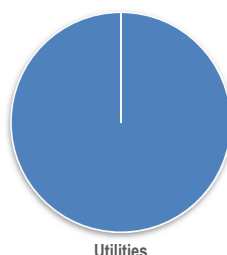
Top 10 Holdings

NEXTERA ENERGY GROUP	13.2%
SOUTHERN CO	8.3%
DUKE ENERGY CORP	8.1%
SEMPRA ENERGY	4.9%
AMERICAN ELECTRIC POWER	4.5%
CONSTELLATION ENERGY CORPORAT	4.3%
DOMINION RESOURCES INC/VA	4.2%
P G & E CORP	4.0%
EXELON CORP	3.8%
XCEL ENERGY INC	3.6%
TOTAL	59.0%

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	30
Weighted avg mkt cap (mns)	\$45,712
Large cap (>\$10bn)	99.1%
Mid cap (\$2-10bn)	0.9%
Small cap (<\$2bn)	0.0%



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Disclosures

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Data Definitions & Reliability

AltaVista believes the information contained in this report to be reasonably accurate at the time of publication, but makes no warranties with respect to its accuracy. Calculations of fundamental data are based on a weighted average of consensus estimates and reported results for current index constituents. As a result, historical figures for fundamental data such as dividends per share may not reflect those actually paid by firms in the index. To the extent that index reconstitution and rebalancing have altered index composition, these differences may be significant. Definitions for some commonly used financial terms are as follows:

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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