

# ETF Playbook

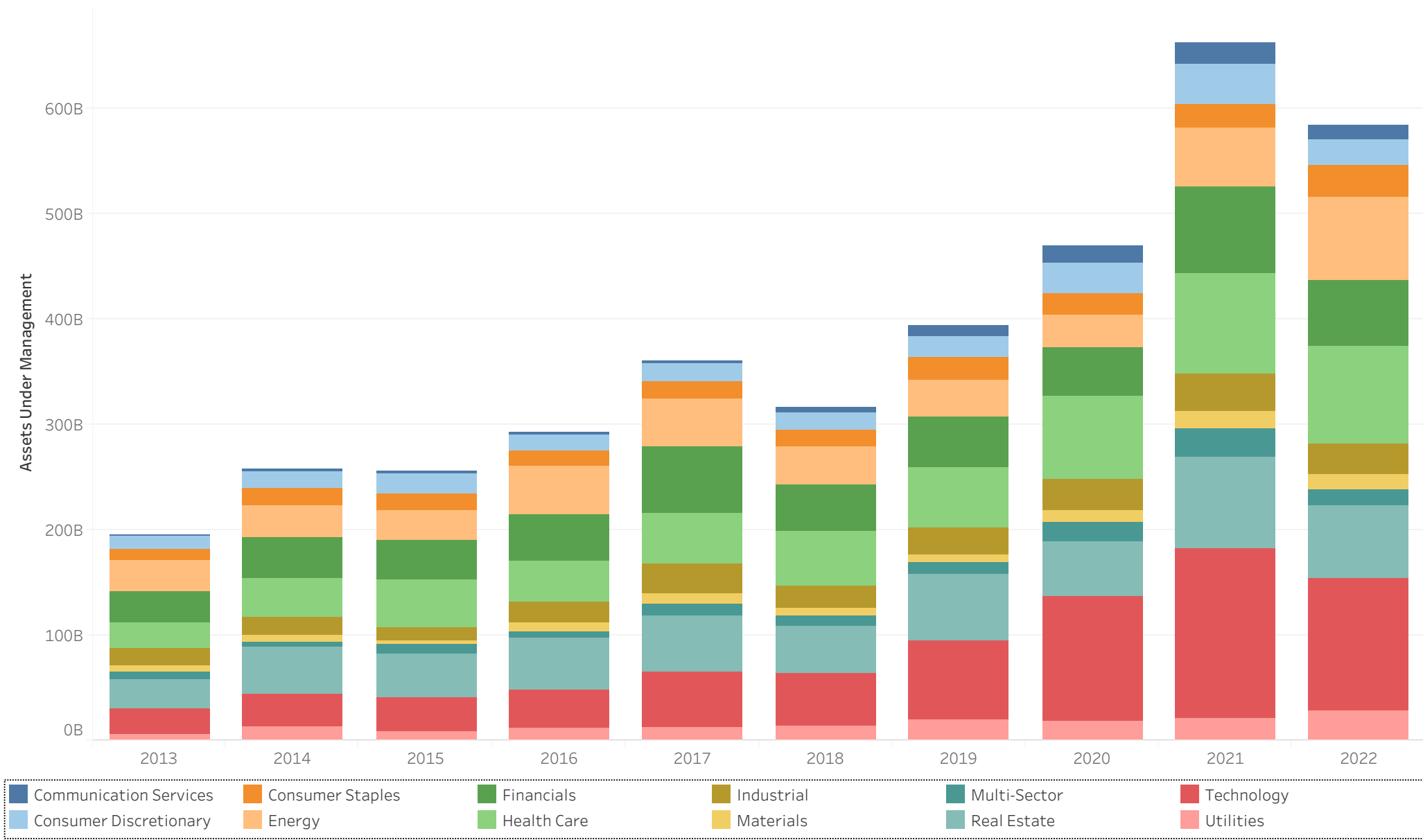
U.S. Sectors



ETF  
ACTION

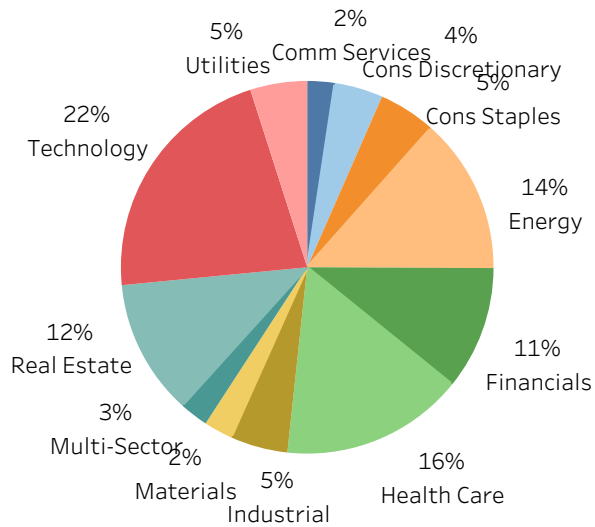
August 28, 2022

## Annual AUM Growth



\*Sector landscape data is represented by Sub-asset class Equity > Sector composite ETFs > U.S. market according to the ETF Action Classification System. Excludes inverse funds. \*\*Flows delayed one day.

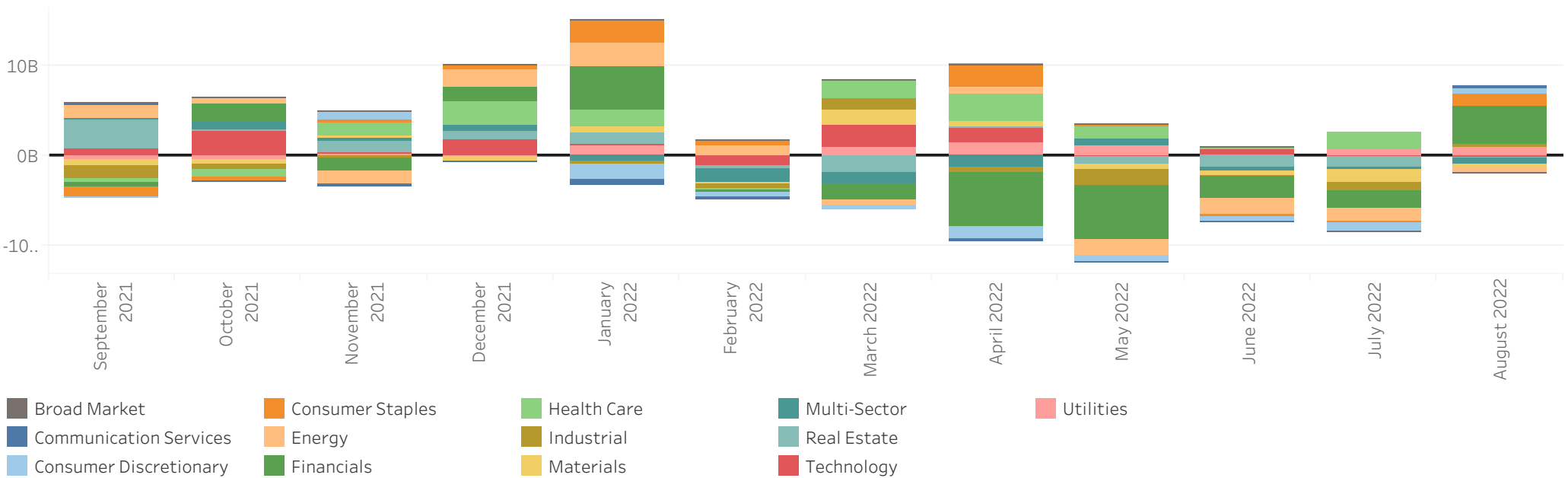
## U.S. Sector AUM Makeup



## Landscape Assets & Flows

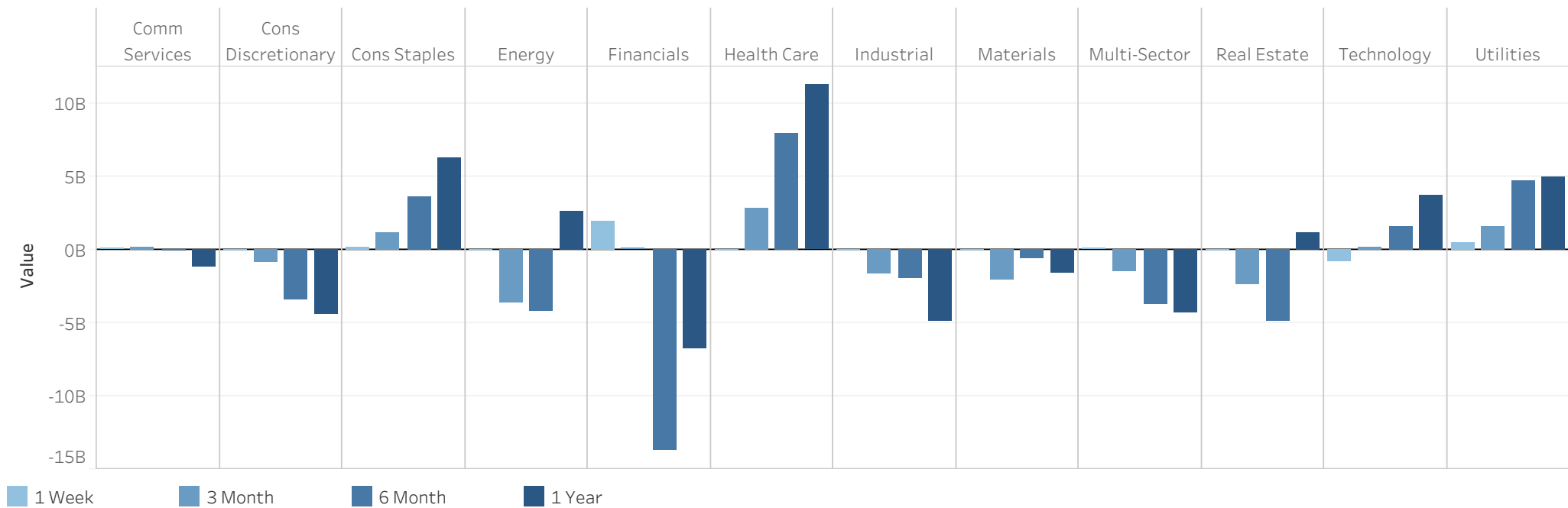
	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Comm Services	8	\$13,783M	\$71M	\$169M	\$22M	(\$1,228M)
Cons Discretionary	13	\$24,539M	(\$159M)	(\$903M)	(\$3,407M)	(\$4,468M)
Cons Staples	11	\$29,063M	\$192M	\$1,124M	\$3,623M	\$6,311M
Energy	34	\$78,992M	(\$80M)	(\$3,618M)	(\$4,262M)	\$2,661M
Financials	27	\$62,674M	\$1,912M	\$121M	(\$13,775M)	(\$6,738M)
Health Care	24	\$92,700M	(\$10M)	\$2,817M	\$7,925M	\$11,293M
Industrial	14	\$29,165M	(\$87M)	(\$1,717M)	(\$1,986M)	(\$4,965M)
Materials	10	\$14,559M	(\$82M)	(\$2,096M)	(\$648M)	(\$1,543M)
Multi-Sector	19	\$14,621M	\$35M	(\$1,501M)	(\$3,697M)	(\$4,325M)
Real Estate	25	\$68,709M	(\$151M)	(\$2,382M)	(\$4,961M)	\$1,156M
Technology	24	\$126,110M	(\$826M)	\$225M	\$1,588M	\$3,739M
Utilities	10	\$28,693M	\$519M	\$1,565M	\$4,734M	\$5,036M

## Monthly Flows



\*Sector landscape data is represented by Sub-asset class Equity > Sector composite ETFs > U.S. market according to the ETF Action Classification System. Excludes inverse funds. \*\*Flows delayed one day.

Flows by Time Frames Bar Chart



Weekly Flows Leaders

ETF	Description	AUM	1 Week
<b>XLF</b>	Financial Select Sector SPDR Fund	\$33,259M	\$2,189M
<b>XLU</b>	Utilities Select Sector SPDR Fund	\$17,862M	\$610M
<b>XLC</b>	Communication Services Select Sector SPDR Fund	\$10,111M	\$72M
<b>XLP</b>	Consumer Staples Select Sector SPDR Fund	\$16,663M	\$71M
<b>FCG</b>	First Trust Natural Gas ETF	\$867M	\$65M
<b>IBB</b>	iShares Biotechnology ETF	\$8,328M	\$64M
<b>IHF</b>	iShares U.S. Healthcare Providers ETF	\$1,520M	\$55M
<b>XLV</b>	Health Care Select Sector SPDR Fund	\$40,266M	\$53M
<b>VDE</b>	Vanguard Energy ETF	\$7,769M	\$43M
<b>FXN</b>	First Trust Energy AlphaDEX Fund	\$1,769M	\$41M

Weekly Flows Laggards

ETF	Description	AUM	1 Week
<b>XLK</b>	Technology Select Sector SPDR Fund	\$45,434M	(\$472M)
<b>XLI</b>	Industrial Select Sector SPDR Fund	\$13,884M	(\$327M)
<b>IGV</b>	iShares Expanded Tech-Software Sector ETF	\$4,530M	(\$297M)
<b>XLE</b>	Energy Select Sector SPDR Fund	\$37,141M	(\$195M)
<b>XBI</b>	SPDR S&P BIOTECH ETF	\$7,818M	(\$188M)
<b>VNQ</b>	Vanguard Real Estate ETF	\$41,307M	(\$152M)
<b>XLB</b>	Materials Select Sector SPDR Fund	\$5,966M	(\$128M)
<b>IYT</b>	iShares US Transportation ETF	\$850M	(\$97M)
<b>XOP</b>	SPDR S&P Oil & Gas Exploration & Production ETF	\$4,920M	(\$97M)
<b>XRT</b>	SPDR S&P Retail ETF	\$330M	(\$86M)

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## Monthly Performance

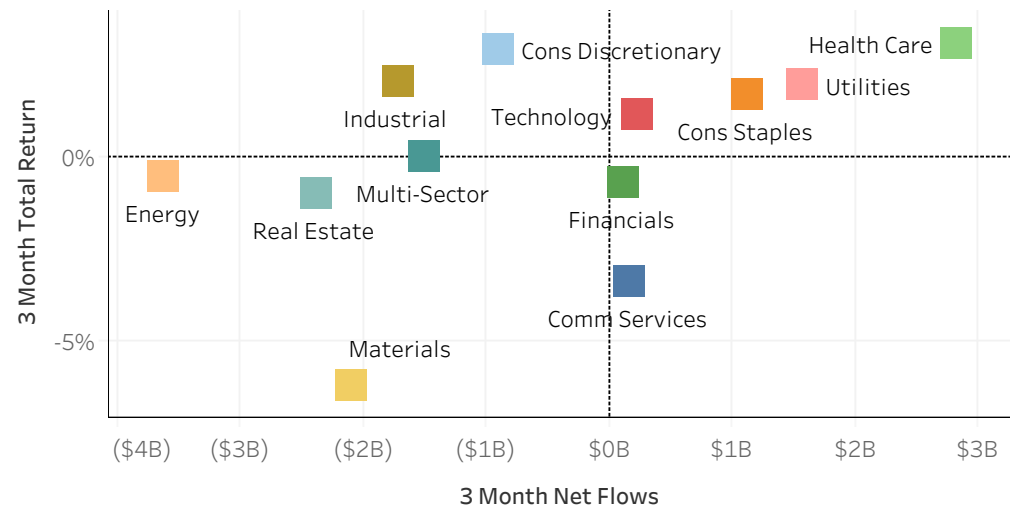
September 2021	October 2021	November 2021	December 2021	January 2022	February 2022	March 2022	April 2022	May 2022	June 2022	July 2022	MTD
7.74%	7.12%	2.72%	9.09%	12.47%	6.64%	8.94%	1.61%	11.16%	-1.44%	13.16%	6.58%
-0.82%	7.12%	-0.58%	9.06%	-0.56%	5.36%	8.83%	-1.74%	4.58%	-3.18%	12.77%	2.81%
-2.62%	7.04%	-1.56%	8.99%	-2.14%	1.87%	7.71%	-4.58%	3.01%	-5.69%	10.65%	1.92%
-3.81%	6.51%	-1.72%	7.54%	-3.22%	-0.12%	6.51%	-4.66%	1.62%	-7.20%	10.32%	0.73%
-4.17%	6.16%	-1.80%	5.16%	-5.97%	-0.51%	4.03%	-4.96%	0.70%	-7.96%	10.23%	0.23%
-4.50%	5.94%	-2.18%	4.89%	-6.27%	-0.61%	1.81%	-7.77%	0.33%	-9.09%	8.71%	-0.10%
-4.83%	5.81%	-2.31%	4.03%	-6.61%	-1.72%	1.80%	-8.36%	-0.28%	-9.33%	8.09%	-0.64%
-4.92%	5.57%	-2.85%	3.51%	-7.21%	-2.01%	1.62%	-8.42%	-0.67%	-10.00%	7.82%	-0.79%
-5.00%	4.27%	-4.52%	2.99%	-8.41%	-2.52%	0.72%	-9.00%	-0.76%	-10.57%	5.84%	-1.15%
-5.29%	2.56%	-4.84%	2.10%	-8.82%	-3.07%	0.09%	-9.09%	-2.26%	-10.65%	5.35%	-1.28%
-5.53%	2.35%	-5.72%	1.81%	-9.88%	-3.18%	-0.64%	-12.96%	-4.15%	-16.18%	5.33%	-2.34%
-6.07%	-0.27%	-7.57%	1.63%	-10.87%	-3.52%	-0.95%	-13.96%	-4.85%	-16.25%	3.61%	-3.36%



## Performance

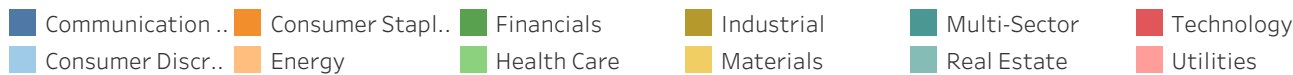
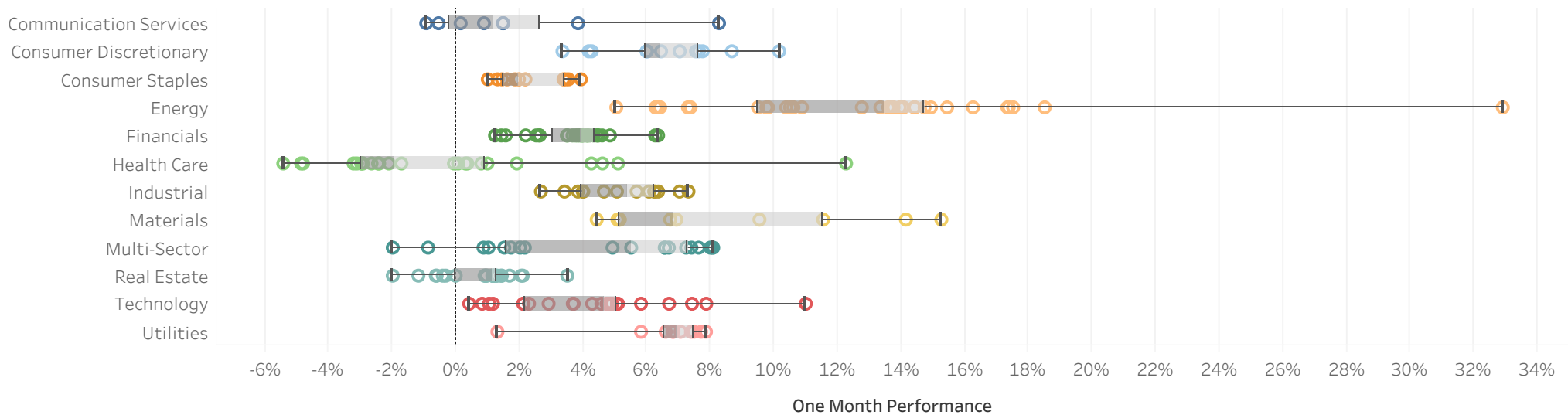
	1 Month	3 Month	YTD	1 Year
Communication Services	1.82%	-3.40%	-24.32%	-27.48%
Consumer Discretionary	6.54%	2.96%	-23.12%	-19.94%
Consumer Staples	2.33%	1.71%	-0.17%	8.22%
Energy	12.52%	-0.50%	40.18%	56.56%
Financials	3.72%	-0.68%	-10.30%	-6.74%
Health Care	-0.46%	3.12%	-12.87%	-14.16%
Industrial	5.18%	2.12%	-10.64%	-7.54%
Materials	8.39%	-6.21%	-4.94%	1.24%
Multi-Sector	4.37%	0.07%	-19.46%	-17.85%
Real Estate	0.81%	-0.97%	-15.40%	-5.43%
Technology	4.25%	1.17%	-23.97%	-17.52%
Utilities	6.48%	1.98%	5.26%	11.51%

## 3 Month Total Return vs Net Flows



\*Sector performance calculated as averages. Landscape data is represented by Sub-asset class Equity > Sector composite ETFs > U.S. market according to the ETF Action Classification System. Excludes leverage & inverse funds. \*\*Flows delayed one day.

## One Month Performance Ranges - Box & Whisker Plot



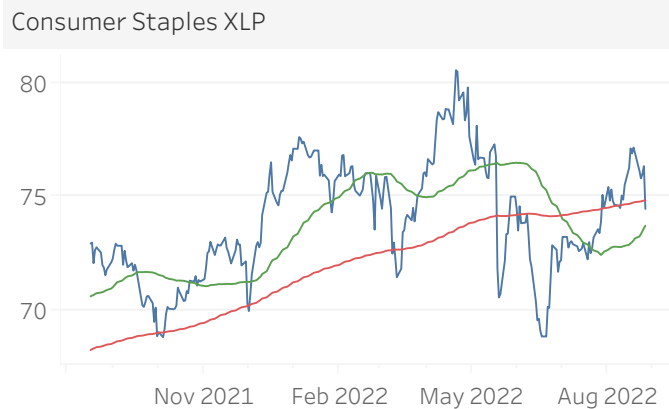
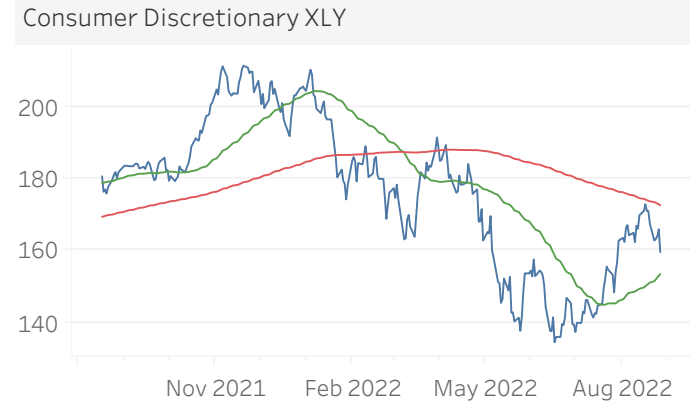
## One Month Performance Leaders

		1 Mo	YTD
Credit Suisse S&P MLP Index ETN	MLPO	32.90%	44.86%
Invesco Dynamic Energy Exploration & Production ETF	PXE	18.50%	67.78%
Invesco DWA Energy Momentum ETF	PXI	17.51%	55.27%
iShares U.S. Oil & Gas Exploration & Production ETF	IEO	17.37%	57.39%
SPDR S&P Oil & Gas Exploration & Production ETF	XOP	17.33%	56.90%
First Trust Nasdaq Oil & Gas ETF	FTXN	16.25%	48.23%
Invesco S&P SmallCap Energy ETF	PSCE	15.44%	48.48%
SPDR S&P Metals & Mining ETF	XME	15.26%	16.86%
First Trust Natural Gas ETF	FCG	14.93%	60.01%
SPDR S&P Oil & Gas Equipment & Services ETF	XES	14.73%	32.62%

## One Month Performance Laggards

		1 Mo	YTD
First Trust Nasdaq Pharmaceuticals ETF	FTXH	-5.43%	-6.38%
iShares U.S. Pharmaceuticals ETF	IHE	-4.87%	-8.11%
Invesco Dynamic Pharmaceuticals ETF	PJP	-4.81%	-9.94%
iShares U.S. Healthcare ETF	IYH	-3.22%	-10.78%
Invesco S&P 500 Equal Weight Health Care ETF	RYH	-3.12%	-15.27%
First Trust Health Care AlphaDEX Fund	FXH	-2.98%	-16.21%
Health Care Select Sector SPDR Fund	XLV	-2.97%	-9.00%
John Hancock Multifactor Healthcare ETF	JHMH	-2.93%	-11.64%
iShares U.S. Medical Devices ETF	IHI	-2.66%	-22.02%
Vanguard Health Care ETF	VHT	-2.45%	-10.72%

\*Sector landscape data is represented by Sub-asset class Equity > Sector composite ETFs > U.S. market according to the ETF Action Classification System. Excludes leverage & inverse funds.



■ Closing Price      ■ 50 Day Moving Average      ■ 200 Day Moving Average

\*Sector ETFs chosen for illustrative purposes only. Sector price charts represented by the Select Sector SPDR ETFs.

### Real Estate XLRE



### Technology XLK



### Utilities XLU



■ Closing Price      ■ 50 Day Moving Average      ■ 200 Day Moving Average

*\*Sector ETFs chosen for illustrative purposes only.*



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