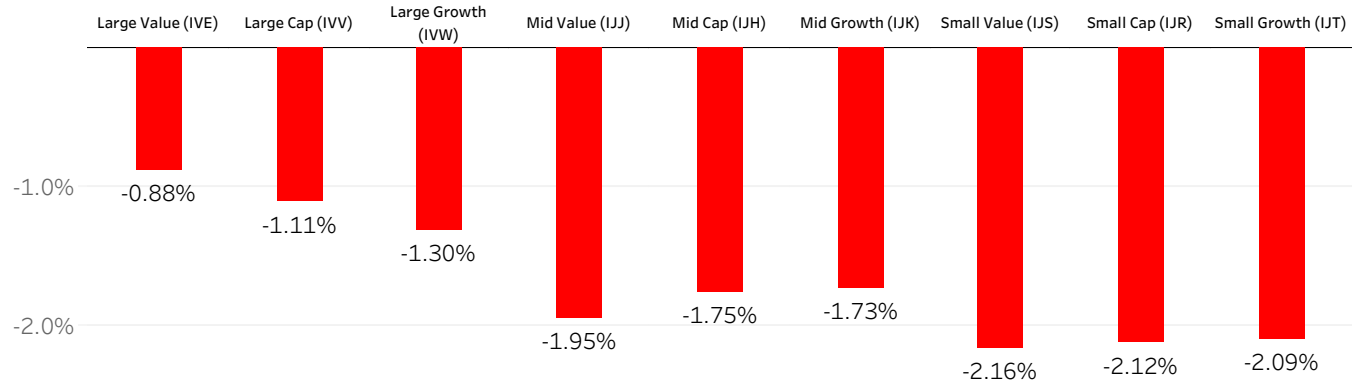


Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
QQXT	First Trust Nasdaq-100 Ex-Technology Sector Index Fund	0.62%
PWV	Invesco Dynamic Large Cap Value ETF	-0.47%
LCG	Sterling Capital Focus Equity ETF	-0.57%
DHS	WisdomTree U.S. High Dividend Fund	-0.61%
HDV	iShares Core High Dividend ETF	-0.64%
IWX	iShares Russell Top 200 Value ETF	-0.65%
JSML	Janus Henderson Small Cap Growth Alpha ETF	-0.66%
DUSA	Davis Select U.S. Equity ETF	-0.66%
FVD	First Trust Value Line Dividend Index Fund	-0.66%
SQEW	LeaderShares Equity Skew ETF	-0.70%

Size & Style Most Overbought

Ticker	Fund	Value
FDL	First Trust Morningstar Dividend Leaders Index Fund	57.23
DHS	WisdomTree U.S. High Dividend Fund	56.43
PEY	Invesco High Yield Equity Dividend Achievers ETF	53.23
HDV	iShares Core High Dividend ETF	53.04
SDOG	ALPS Sector Dividend Dogs ETF	51.14
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	49.99
RPV	Invesco S&P 500 Pure Value ETF	48.60
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	48.34
WBIY	WBI Power Factor High Dividend ETF	47.74
DVY	iShares Select Dividend ETF	47.64

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
DWEQ	AdvisorShares Dorsey Wright Alpha Equal Weight ETF	-4.45%
QVAL	Alpha Architect U.S. Quantitative Value ETF	-3.18%
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	-2.87%
XSMO	Invesco S&P SmallCap Momentum ETF	-2.80%
XSVM	Invesco S&P SmallCap Value with Momentum ETF	-2.73%
RWJ	Invesco S&P SmallCap 600 Revenue ETF	-2.72%
CALF	Pacer US Small Cap Cash Cows 100 ETF	-2.71%
FDM	First Trust Dow Jones Select MicroCap Index Fund	-2.50%
AVUV	Avantis U.S. Small Cap Value ETF	-2.49%
SYLD	Cambria Shareholder Yield ETF	-2.47%

Size & Style Most Oversold

Ticker	Fund	Value
UTRN	Vesper U.S. Large Cap Short-Term Reversal Strategy..	20.02
AIEQ	AI Powered Equity ETF	20.77
DWEQ	AdvisorShares Dorsey Wright Alpha Equal Weight E..	21.30
TTAC	FCF US Quality ETF	21.49
NUMG	Nuveen ESG Mid-Cap Growth ETF	21.57
QQQN	VictoryShares Nasdaq Next 50 ETF	21.74
MXDU	Nationwide Maximum Diversification US Core Equit..	21.80
FAD	First Trust Multi Cap Growth AlphaDEX Fund	22.22
VBK	Vanguard Small-Cap Growth ETF	22.27
BUZZ	VanEck Social Sentiment ETF	22.34

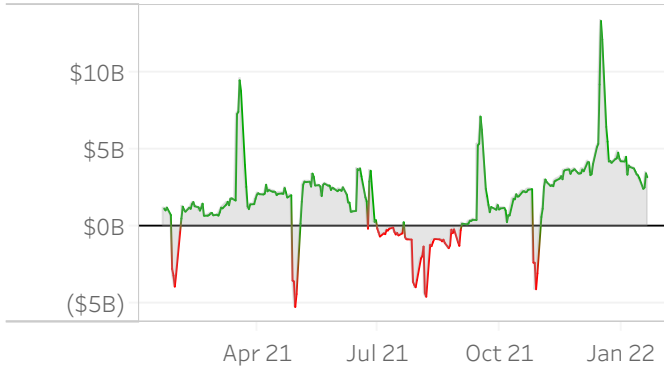
■ Closing Price
 ■ 50 Day Moving Average
 ■ 200 Day Moving Average

*ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify

Large-Cap 30-Day Rolling Flows



Mid-Cap 30-Day Rolling Flows



Small-Cap 30-Day Rolling Flows



U.S. Size & Style Landscape Flows

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Large Cap, Beta Growth, Beta: Value	11	\$217B	\$0.38B	\$7.02B	\$12.41B	\$31.94B
Small Cap, Beta, Beta: Value	7	\$58B	\$0.27B	\$1.16B	\$1.52B	\$6.01B
Mid Cap, Beta, Beta: Value	6	\$43B	\$0.14B	\$0.49B	\$1.03B	\$3.57B
Mid Cap, Beta, Beta	10	\$188B	\$0.06B	\$5.61B	\$7.38B	\$11.77B
Small Cap, Beta, Beta	12	\$212B	(\$0.02B)	\$5.81B	\$10.91B	\$16.96B
Mid Cap, Beta, Beta: Growth	6	\$37B	(\$0.11B)	\$0.71B	\$0.90B	(\$1.32B)
Small Cap, Beta, Beta: Growth	7	\$34B	(\$0.14B)	\$0.47B	\$0.60B	\$0.72B
Large Cap, Beta Growth, Beta: Growth	10	\$256B	(\$0.78B)	\$2.60B	\$6.34B	\$10.54B
Large Cap, Beta Growth, Beta	25	\$1,346B	(\$6.29B)	\$49.11B	\$85.32B	\$144.50B

U.S. Size & Style Flow Leaders

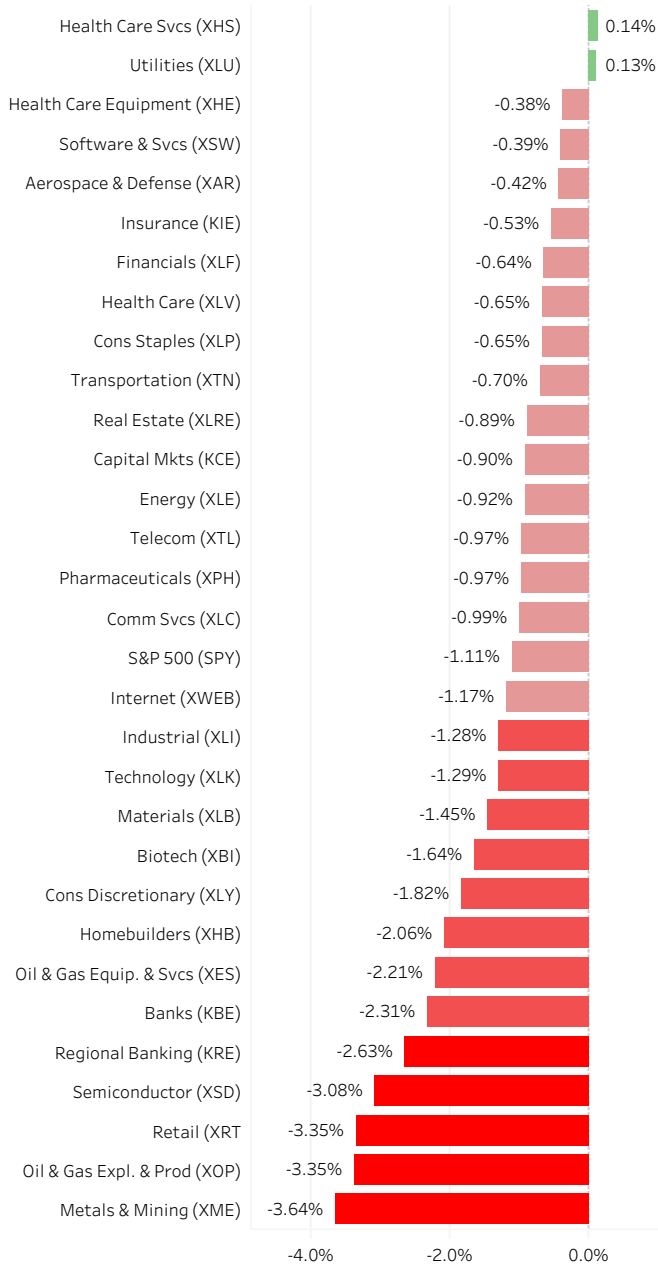
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
FTCS	First Trust Capital Strength ETF	\$1.64B	\$2.00B	\$2.08B	\$2.31B	\$10.66B
VOO	Vanguard S&P 500 ETF	\$0.98B	\$4.18B	\$15.56B	\$45.42B	\$266.13B
VTI	Vanguard Total Stock Market ETF	\$0.63B	\$13.14B	\$24.39B	\$44.44B	\$284.47B
FNDX	Schwab Fundamental US Large Co. Index ETF	\$0.49B	\$1.52B	\$2.16B	\$2.80B	\$9.84B
VTV	Vanguard Value ETF	\$0.33B	\$3.42B	\$6.44B	\$16.20B	\$93.85B
SCHD	Schwab US Dividend Equity ETF	\$0.32B	\$1.82B	\$4.10B	\$10.65B	\$32.07B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.27B	\$1.64B	\$2.99B	\$8.47B	\$32.51B
VTWV	Vanguard Russell 2000 Value ETF	\$0.24B	\$0.45B	\$0.35B	\$0.74B	\$1.38B
RDVY	First Trust Rising Dividend Achievers ETF	\$0.20B	\$1.94B	\$3.23B	\$5.68B	\$8.44B
IJR	iShares Core S&P Small Cap ETF	\$0.16B	\$3.90B	\$4.79B	\$4.91B	\$72.22B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVV	iShares Core S&P 500 ETF	(\$1.89B)	\$14.22B	\$12.25B	\$28.94B	\$316.50B
QQQ	Invesco QQQ Trust	(\$1.06B)	\$7.16B	\$15.23B	\$20.38B	\$198.04B
IWF	iShares Russell 1000 Growth ETF	(\$0.52B)	(\$1.32B)	(\$0.56B)	(\$1.93B)	\$71.03B
VLUE	iShares MSCI USA Value Factor ETF	(\$0.35B)	(\$0.82B)	(\$0.47B)	\$3.05B	\$16.20B
IWM	iShares Russell 2000 ETF	(\$0.22B)	(\$1.15B)	\$0.44B	(\$0.26B)	\$61.75B
IVW	iShares S&P 500 Growth ETF	(\$0.21B)	\$0.07B	\$0.52B	(\$1.12B)	\$36.67B
ESGU	iShares ESG Aware MSCI USA ETF	(\$0.18B)	\$1.85B	\$5.14B	\$8.96B	\$24.59B
MTUM	iShares MSCI USA Momentum Factor ETF	(\$0.17B)	(\$1.72B)	(\$1.99B)	(\$1.76B)	\$13.06B
VIG	Vanguard Dividend Appreciation ETF	(\$0.16B)	\$1.49B	\$2.37B	\$4.15B	\$65.83B
IWD	iShares Russell 1000 Value ETF	(\$0.12B)	\$1.36B	\$2.15B	\$5.18B	\$58.19B

* ETF Landscape represented using the ETF Action classification system **Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

S&P Sector & Industry 1 Day Performance



Select Sector SPDRs Technicals

Ticker	Fund Name	% From 52W High	% From 52W Low	% Abv/Below 50 SMA	% Abv/Below 200 SMA	RSI (14D)
XLE	Energy Select Sector SPDR Fund	-1.64%	52.64%	10.47%	18.93%	69.80
XLP	Consumer Staples Select Sector SPDR Fund	-2.22%	19.91%	1.69%	5.71%	48.68
XLU	Utilities Select Sector SPDR Fund	-3.65%	18.18%	-0.02%	3.08%	44.67
XLI	Industrial Select Sector SPDR Fund	-4.65%	16.69%	-2.46%	-1.20%	36.76
XLB	Materials Select Sector SPDR Fund	-4.93%	19.16%	-2.37%	1.15%	37.30
XLF	Financial Select Sector SPDR Fund	-5.84%	29.10%	-1.17%	2.30%	40.75
SPY	SPDR S&P 500 ETF Trust	-6.48%	18.60%	-4.17%	0.87%	29.84
XLV	Health Care Select Sector SPDR Fund	-7.56%	18.04%	-3.15%	0.41%	31.48
XLRE	Real Estate Select Sector SPDR Fund	-9.44%	28.83%	-4.52%	1.24%	28.19
XLK	Technology Select Sector SPDR Fund	-10.86%	25.14%	-7.00%	1.71%	31.03
XLY	Consumer Discretionary Select Sector SPDR Fund	-12.08%	19.28%	-8.20%	-0.42%	28.81
XLC	Communication Services Select Sector SPDR Fund	-13.13%		-3.35%	-6.40%	35.32

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
IAI	iShares U.S. Broker-Dealers & Securities Exchange..	0.80%
XHS	SPDR S&P Health Care Services ETF	0.14%
XLU	Utilities Select Sector SPDR Fund	0.13%
IHF	iShares U.S. Healthcare Providers ETF	0.09%
VPU	Vanguard Utilities ETF	-0.01%
FUTY	Fidelity MSCI Utilities Index ETF	-0.07%
IDU	iShares U.S. Utilities ETF	-0.08%
RYU	Invesco S&P 500 Equal Weight Utilities ETF	-0.17%
IAK	iShares U.S. Insurance ETF	-0.20%
PSJ	Invesco Dynamic Software ETF	-0.25%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
XLE	Energy Select Sector SPDR Fund	69.80
FENY	Fidelity MSCI Energy Index ETF	66.09
VDE	Vanguard Energy ETF	65.97
IYE	iShares U.S. Energy ETF	65.49
AMPL	Alerian MLP ETF	64.47
MLPA	Global X MLP ETF	63.83
RYE	Invesco S&P 500 Equal Weight Energy ETF	63.53
IEZ	iShares U.S. Oil Equipment & Services ETF	61.79
MLPX	Global X MLP & Energy Infrastructure ETF	61.21
AMZA	InfraCap MLP ETF	61.18

Sector & Industry 1 Day Performance Laggards

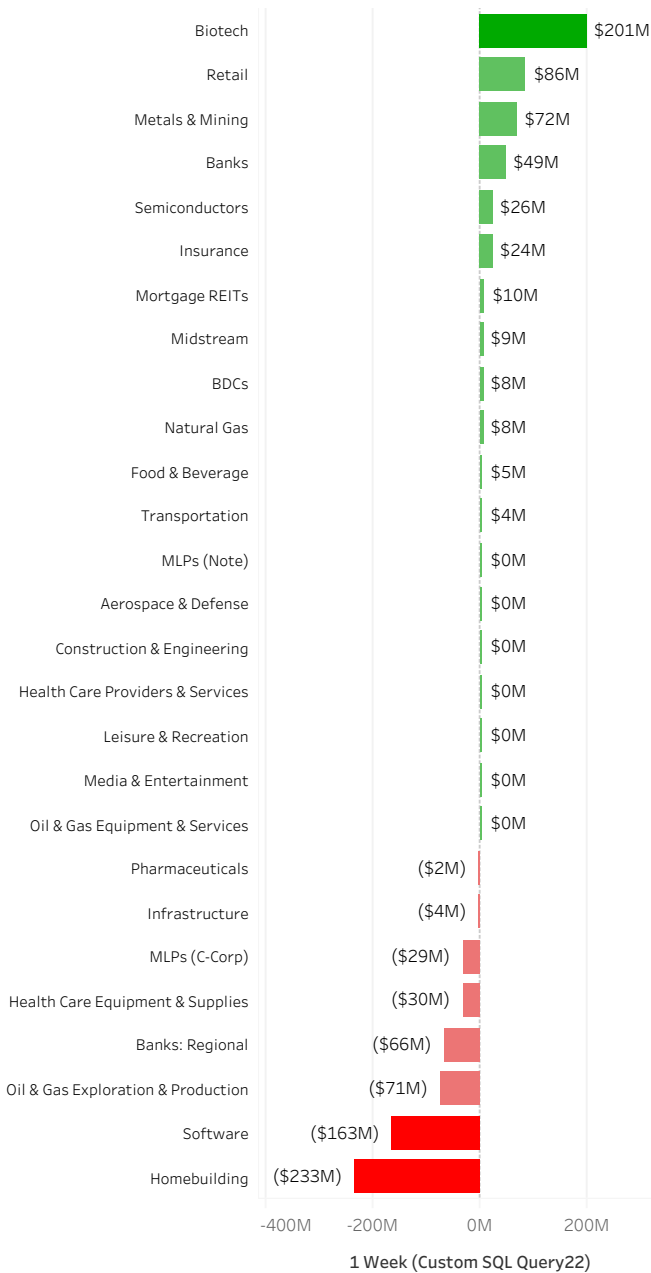
Ticker	Fund	1 Day Performance
PSCE	Invesco S&P SmallCap Energy ETF	-3.68%
XME	SPDR S&P Metals & Mining ETF	-3.64%
SOXQ	Invesco PHLX Semiconductor ETF	-3.37%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	-3.35%
XRT	SPDR S&P Retail ETF	-3.35%
PEZ	Invesco DWA Consumer Cyclical Momentum ETF	-3.25%
SOXX	iShares Semiconductor ETF	-3.14%
XSD	SPDR S&P Semiconductor ETF	-3.08%
PSI	Invesco Dynamic Semiconductors ETF	-3.05%
FTXL	First Trust Nasdaq Semiconductor ETF	-3.03%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
PEZ	Invesco DWA Consumer Cyclical Momentum ETF	22.23
IBB	iShares Biotechnology ETF	22.66
NETL	NETLease Corporate Real Estate ETF	23.03
PTH	Invesco DWA Healthcare Momentum ETF	23.08
PKB	Invesco Dynamic Building & Construction ETF	23.99
XRT	SPDR S&P Retail ETF	24.05
PSCH	Invesco S&P SmallCap Health Care ETF	24.10
PBE	Invesco Dynamic Biotechnology & Genome ETF	24.49
FXH	First Trust Health Care AlphaDEX Fund	24.50
XBI	SPDR S&P BIOTECH ETF	24.92

* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify

U.S. Sector & Industry 1-Week Flows



U.S. Sector Landscape

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Communication Services	9	\$19B	(\$17M)	(\$1,080M)	\$580M	\$1,227M
Consumer Discretionary	13	\$35B	(\$55M)	\$620M	\$503M	\$1,761M
Consumer Staples	12	\$24B	\$347M	\$2,296M	\$1,879M	\$650M
Energy	34	\$65B	\$411M	\$3,049M	\$3,921M	\$11,024M
Financials	28	\$90B	\$371M	\$4,314M	\$9,746M	\$18,397M
Health Care	26	\$88B	\$155M	\$5,817M	\$5,157M	\$6,641M
Industrial	14	\$35B	(\$184M)	(\$107M)	(\$1,555M)	\$16M
Materials	10	\$17B	\$118M	\$847M	(\$1,031M)	\$3,058M
Multi-Sector	19	\$24B	(\$334M)	\$892M	\$1,880M	\$3,861M
Real Estate	22	\$81B	(\$209M)	\$4,439M	\$8,335M	\$15,286M
Technology	24	\$146B	(\$482M)	\$1,591M	\$5,893M	\$6,541M
Utilities	10	\$21B	\$13M	\$469M	\$748M	\$465M

U.S. Sector & Industry Flow Leaders

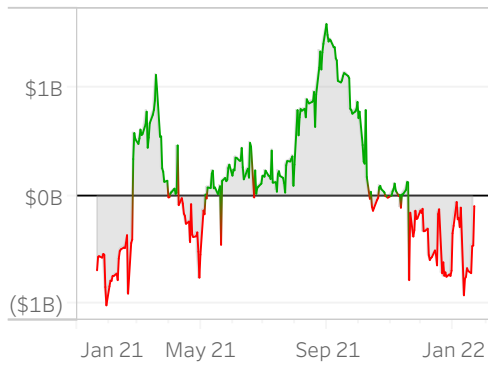
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	\$320M	\$1,197M	\$2,235M	\$5,788M	\$32,436M
XLP	Consumer Staples Select Sector SPDR Fund	\$319M	\$1,854M	\$1,115M	\$422M	\$14,275M
XLF	Financial Select Sector SPDR Fund	\$239M	\$2,865M	\$5,641M	\$7,979M	\$48,158M
XBI	SPDR S&P BIOTECH ETF	\$229M	\$953M	\$970M	\$1,207M	\$5,836M
XRT	SPDR S&P Retail ETF	\$86M	(\$331M)	(\$449M)	(\$258M)	\$508M
VFH	Vanguard Financials ETF	\$79M	\$691M	\$882M	\$2,129M	\$12,122M
XME	SPDR S&P Metals & Mining ETF	\$72M	\$145M	\$292M	\$753M	\$2,146M
VDE	Vanguard Energy ETF	\$70M	\$550M	\$633M	\$1,103M	\$7,081M
IYE	iShares U.S. Energy ETF	\$53M	\$147M	(\$101M)	\$1,625M	\$2,925M
KBWB	Invesco KBW Bank ETF	\$51M	(\$299M)	\$706M	\$853M	\$3,338M

U.S. Sector & Industry Flow Laggards

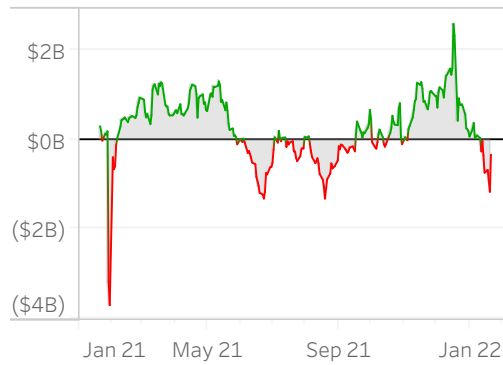
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IYR	iShares U.S. Real Estate ETF	(\$232M)	\$47M	\$1,575M	\$2,313M	\$7,151M
XLI	Industrial Select Sector SPDR Fund	(\$204M)	(\$174M)	(\$1,242M)	(\$1,145M)	\$18,104M
XLK	Technology Select Sector SPDR Fund	(\$189M)	\$803M	\$1,679M	\$1,362M	\$48,339M
IGV	iShares Expanded Tech-Software Sector ETF	(\$160M)	\$107M	\$811M	(\$199M)	\$5,226M
ITB	iShares U.S. Home Construction ETF	(\$139M)	\$161M	\$494M	\$267M	\$2,824M
XHB	SPDR S&P Homebuilders ETF	(\$94M)	\$380M	\$389M	\$445M	\$2,188M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$85M)	\$873M	\$1,131M	\$464M	\$22,165M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$82M)	(\$332M)	(\$145M)	\$71M	\$4,325M
FDN	First Trust Dow Jones Internet Index Fund	(\$82M)	(\$465M)	(\$328M)	(\$2,067M)	\$8,534M
KRE	SPDR S&P Regional Banking ETF	(\$76M)	\$67M	\$811M	\$2,419M	\$6,038M

* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

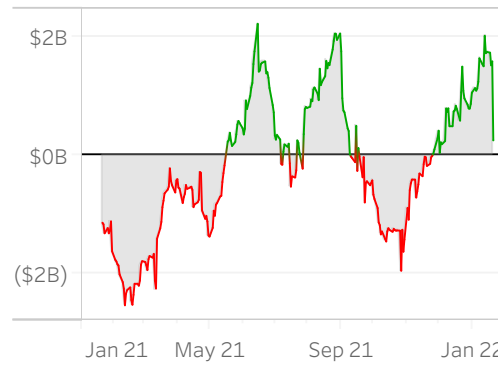
Communication Services



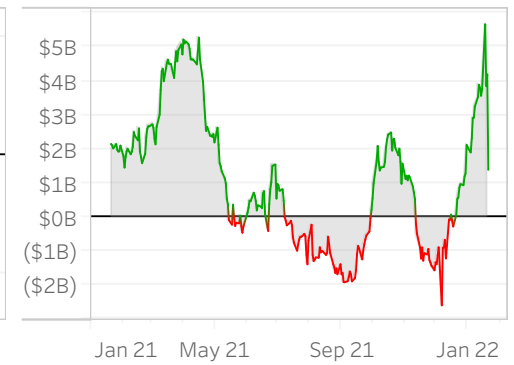
Consumer Discretionary



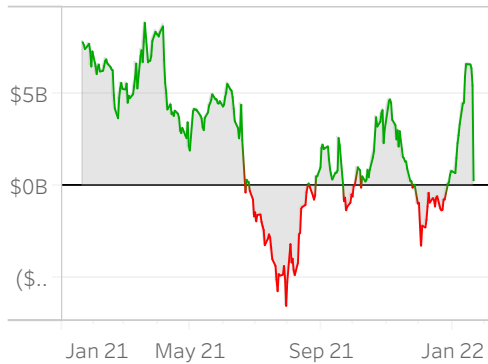
Consumer Staples



Energy



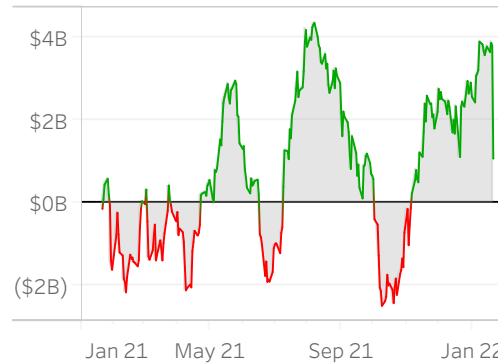
Financials



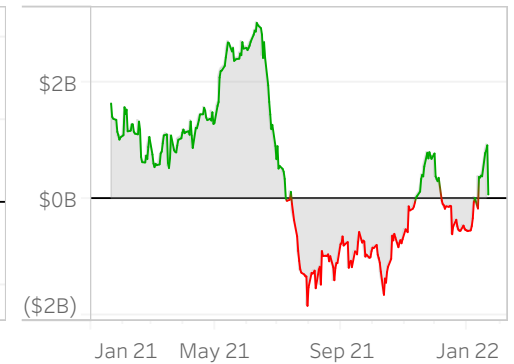
Industrial



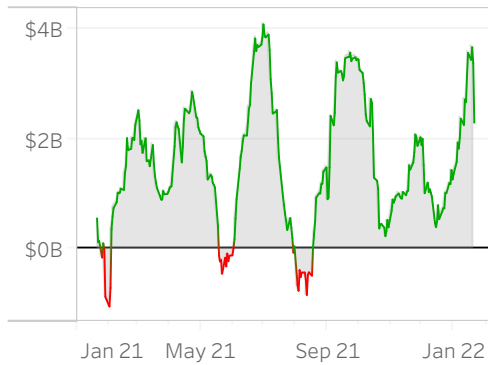
Health Care



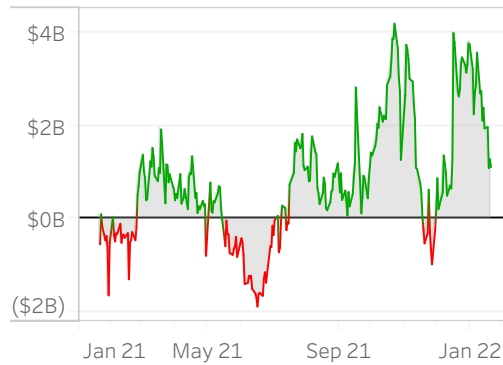
Materials



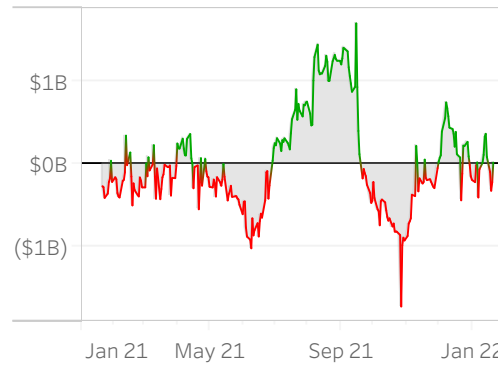
Real Estate



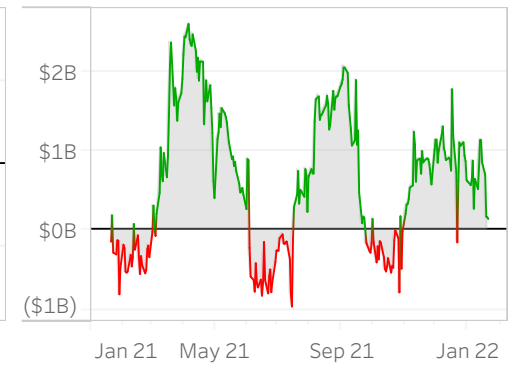
Technology



Utilities

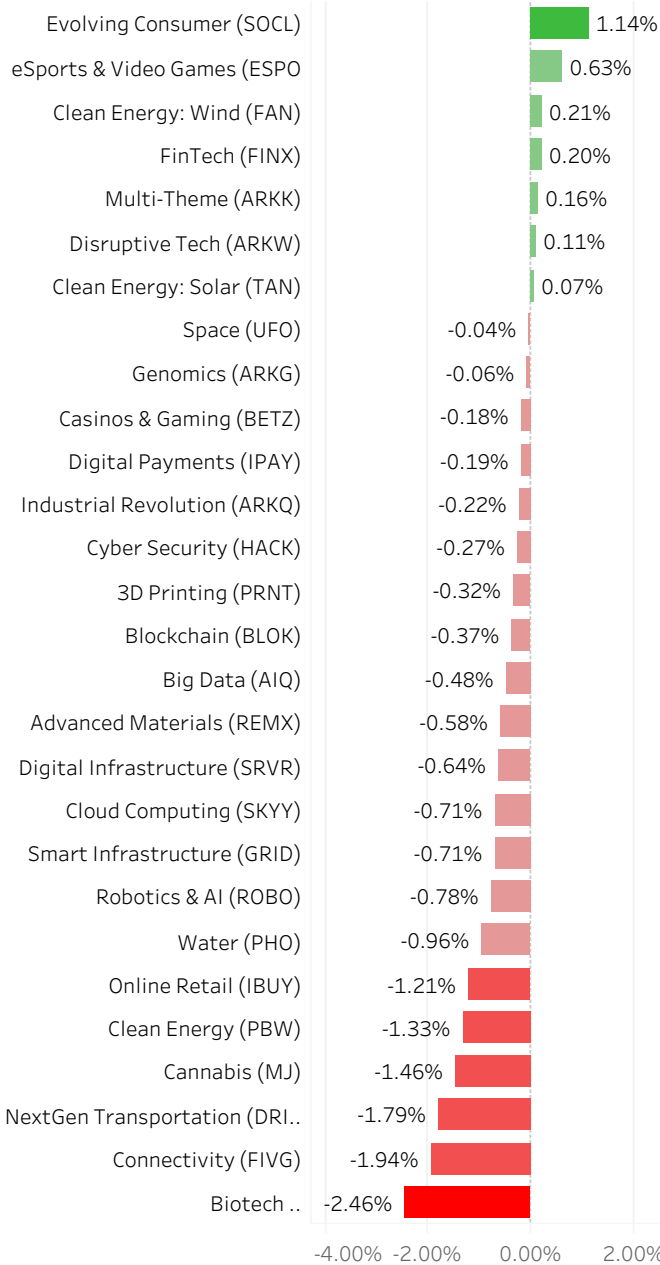


Multi-Sector

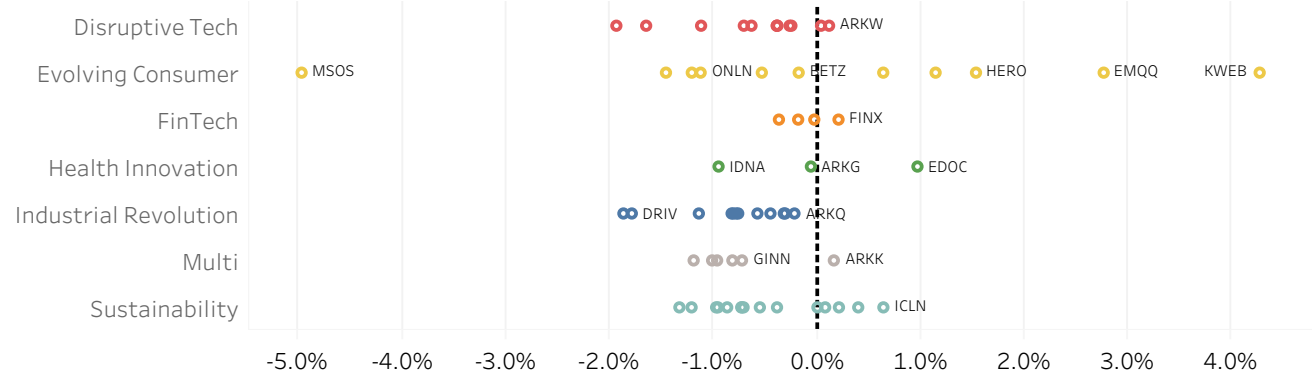


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
KWEB	KraneShares CSI China Internet ETF	4.27%
EMQQ	Emerging Markets Internet & Ecommerce ETF	2.76%
KEMQ	KraneShares Emerging Markets Consumer Technology In..	2.52%
AWAY	ETFMG Travel Tech ETF	1.59%
HERO	Global X Video Games & Esports ETF	1.53%
SOCL	Global X Social Media ETF	1.14%
BKCH	Global X Blockchain ETF	0.99%
EDOC	Global X Telemedicine & Digital Health ETF	0.96%
GAMR	Wedbush ETFMG Video Game Tech ETF	0.91%
HDRO	Defiance Next Gen H2 ETF	0.89%

Thematic Most Overbought

Ticker	Fund	Value
KWEB	KraneShares CSI China Internet ETF	50.69
EMQQ	Emerging Markets Internet & Ecommerce ETF	47.77
HERO	Global X Video Games & Esports ETF	46.49
LEGR	First Trust Indxx Innovative Transaction & Process ETF	45.44
REMX	VanEck Rare Earth/Strategic Metals ETF	44.76
KGRN	KraneShares MSCI China Clean Technology Index ETF	44.49
BJK	VanEck Gaming ETF	44.18
KEMQ	KraneShares Emerging Markets Consumer Technology Ind..	43.38
AWAY	ETFMG Travel Tech ETF	42.84
ESPO	VanEck Video Gaming and eSports ETF	42.67

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
MSOS	AdvisorShares Pure US Cannabis ETF	-4.97%
YOLO	AdvisorShares Pure Cannabis ETF	-3.32%
THCX	Cannabis ETF	-2.84%
CNBS	Amplify Seymour Cannabis ETF	-2.76%
SBIO	ALPS Medical Breakthroughs ETF	-2.46%
HAIL	SPDR S&P Kensho Smart Mobility ETF	-2.18%
POTX	Global X Cannabis ETF	-2.09%
FIVG	Defiance Next Gen Connectivity ETF	-1.94%
IDRV	iShares Self-driving EV & Tech ETF	-1.87%
DRIV	Global X Autonomous & Electric Vehicles ETF	-1.79%

Thematic Most Oversold

Ticker	Fund	Value
ENTR	ERShares Entrepreneurs ETF	13.12
IDNA	iShares Genomics Immunology and Healthcare ETF Geno..	16.26
PAWZ	ProShares Pet Care ETF	21.20
BOTZ	Global X Robotics & Artificial Intelligence ETF	21.41
GNOM	Global X Genomics & Biotechnology ETF	21.60
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR..	22.60
MILN	Global X Millennial Consumer ETF	22.60
PHO	Invesco Water Resources ETF	22.75
EVX	VanEck Environmental Services ETF	22.85
PBW	Invesco WilderHill Clean Energy ETF	22.86

* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify

Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
KWEB	KraneShares CSI China Internet ETF	\$140M
SARK	Tuttle Capital Short Innovation ETF	\$47M
IDRV	iShares Self-driving EV & Tech ETF	\$27M
ONLN	ProShares Online Retail ETF	\$11M
BLOK	Amplify Transformational Data Sharing ETF	\$6M
DRIV	Global X Autonomous & Electric Vehicles ETF	\$5M
BKCH	Global X Blockchain ETF	\$5M
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	\$5M
WCLD	WisdomTree Cloud Computing Fund	\$5M
LEGR	First Trust Indxx Innovative Transaction & Process ETF	\$4M

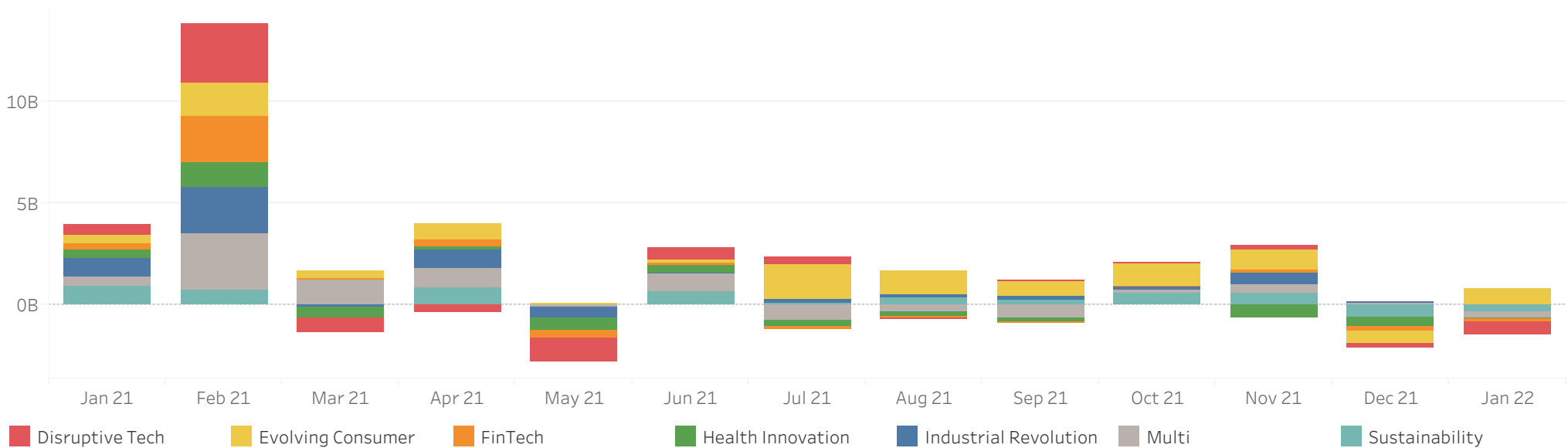
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	(\$161M)
ARKW	ARK Next Generation Internet ETF	(\$114M)
SKYY	First Trust Cloud Computing ETF	(\$66M)
ARKG	ARK Genomic Revolution ETF	(\$55M)
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR ETF	(\$35M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$34M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$34M)
ICLN	iShares Global Clean Energy ETF	(\$30M)
TAN	Invesco Solar ETF	(\$28M)
CLOU	Global X Cloud Computing ETF	(\$22M)

Thematic Landscape Assets & Flows

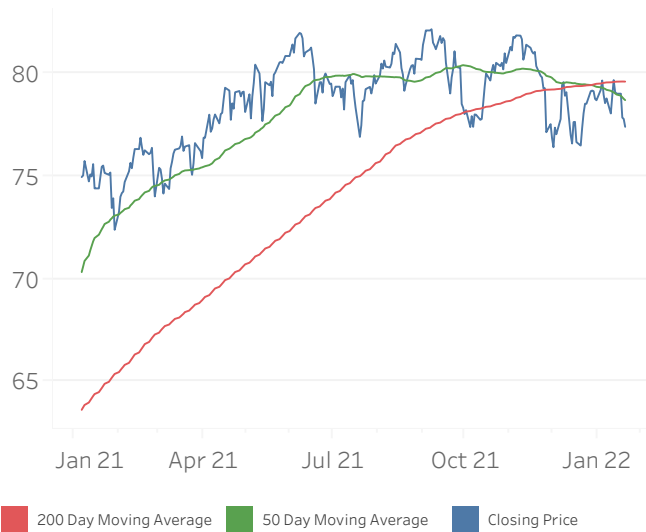
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	38	\$24B	(\$201M)	(\$472M)	(\$536M)	\$1,432M
Evolving Consumer	44	\$14B	(\$15M)	\$1,212M	\$4,986M	\$9,314M
FinTech	19	\$5B	(\$12M)	(\$147M)	(\$401M)	\$2,368M
Health Innovation	18	\$5B	(\$37M)	(\$1,135M)	(\$1,756M)	(\$899M)
Industrial Revolution	25	\$17B	(\$52M)	\$926M	\$1,393M	\$4,976M
Multi	30	\$22B	\$185M	(\$119M)	(\$841M)	\$4,355M
Sustainability	38	\$20B	(\$74M)	(\$202M)	\$595M	\$3,632M
Grand Total	212	\$107B	(\$207M)	\$63M	\$3,440M	\$25,177M

Thematic Monthly Flows

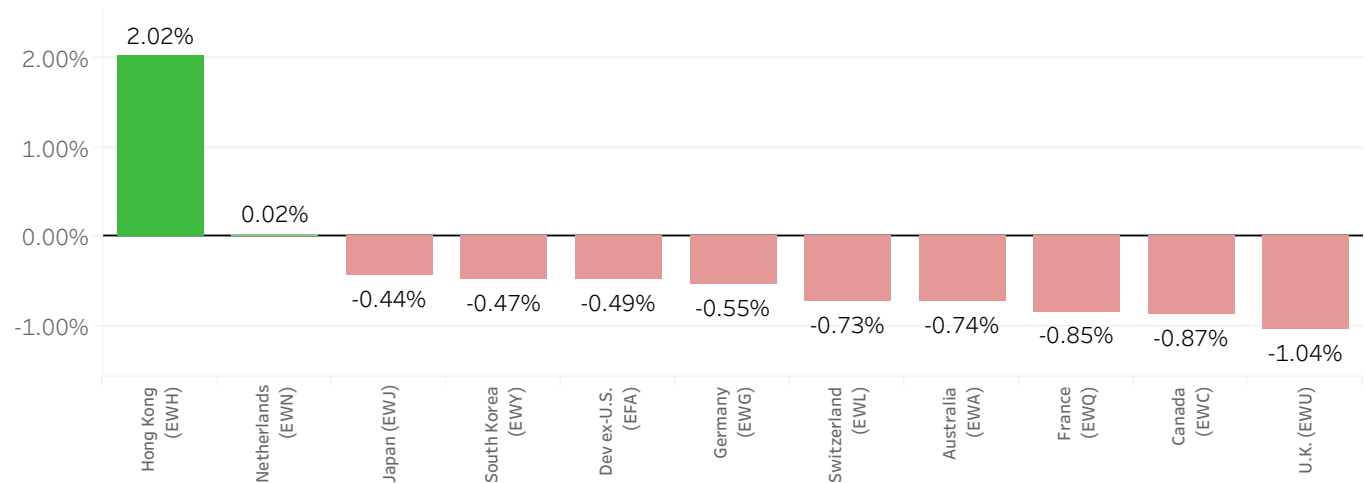


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

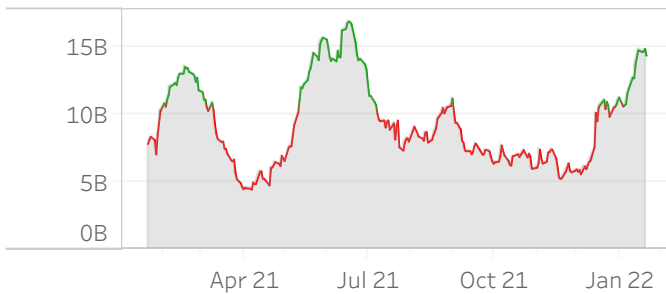
Developed ex-U.S. (EFA)



Developed ex-U.S. 1-Day Performance Top 10 Countries



Developed ex-U.S. 30-Day Rolling Flows



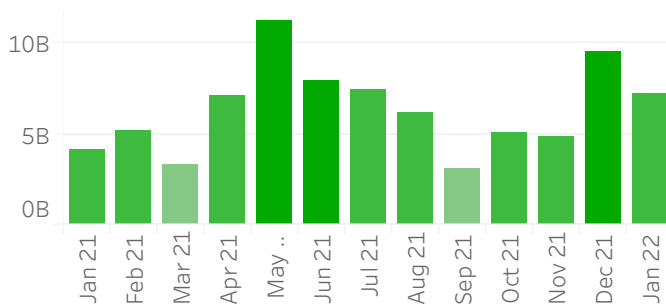
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWH	iShares MSCI Hong Kong ETF	2.02%
AIA	iShares Asia 50 ETF	1.58%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	0.99%
GREK	Global X MSCI Greece ETF	0.60%
BBAX	JPMorgan BetaBuilders Developed Asia ex-Japan ETF	0.26%
EWN	iShares MSCI Netherlands ETF	0.02%
HEWG	iShares Currency Hedged MSCI Germany ETF	0.01%
EPP	iShares MSCI Pacific ex-Japan ETF	-0.02%
LVHI	Legg Mason International Low Volatility High Dividend ETF	-0.04%
EFAD	ProShares MSCI EAFE Dividend Growers ETF	-0.09%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
LVHI	Legg Mason International Low Volatility High Dividend ETF	68.32
IDV	iShares International Select Dividend ETF	65.92
GREK	Global X MSCI Greece ETF	65.43
EWH	iShares MSCI Hong Kong ETF	64.47
IDOG	ALPS International Sector Dividend Dogs ETF	63.66
FIDI	Fidelity International High Dividend ETF	61.62
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	60.63
DTH	WisdomTree International High Dividend Fund	60.12
FLGB	Franklin FTSE United Kingdom ETF	59.98
EWU	iShares MSCI United Kingdom ETF	59.48

Developed ex-U.S. Monthly Flows



Developed ex-U.S. 1-Day Performance Laggards

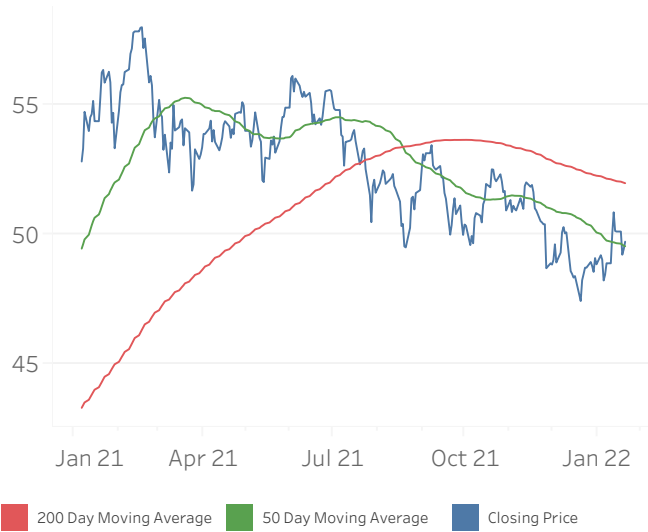
Ticker	Fund	1-Day Performance
EWO	iShares MSCI Austria ETF	-1.60%
FGM	First Trust Germany AlphaDEX Fund	-1.50%
ENZL	iShares MSCI New Zealand ETF	-1.31%
EWD	iShares MSCI Sweden ETF	-1.26%
DFIV	Dimensional International Value ETF	-1.23%
EWJV	iShares MSCI Japan Value ETF	-1.20%
TOK	iShares MSCI Kokusai ETF	-1.15%
AVDV	Avantis International Small Cap Value ETF	-1.14%
MFDX	PIMCO RAFI Dynamic Multi-Factor International Equity ETF	-1.09%
ICOW	Pacer Developed Markets International Cash Cows 100 ETF	-1.07%

Developed ex-U.S. Most Oversold

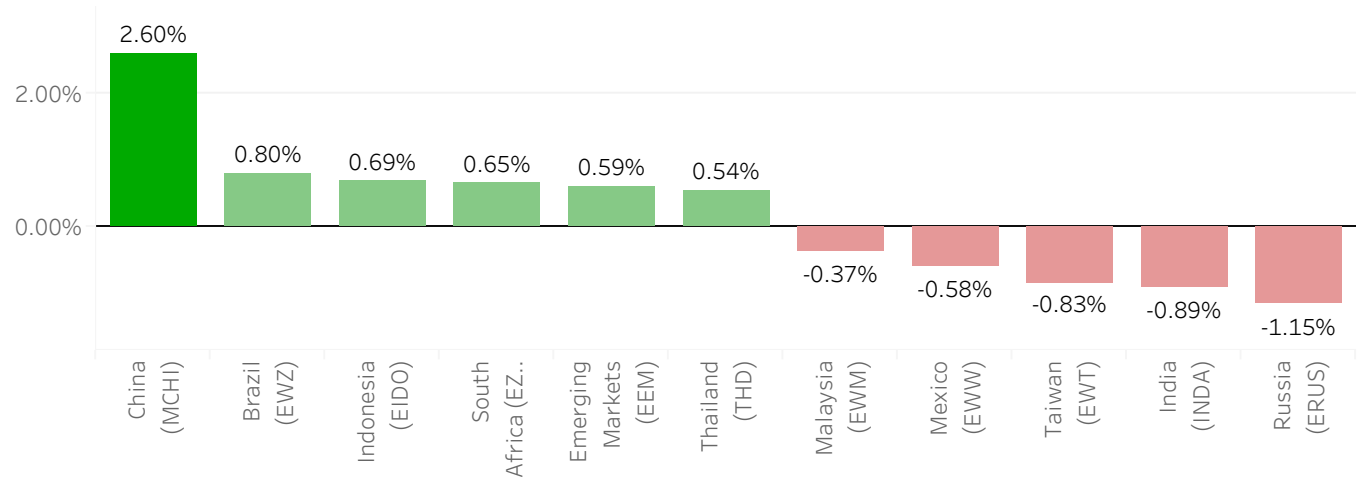
Ticker	Fund	Price
EFAD	ProShares MSCI EAFE Dividend Growers ETF	24.09
IMOM	Alpha Architect International Quantitative Moment..	26.25
PIZ	Invesco DWA Developed Markets Momentum ETF	26.41
SCJ	iShares MSCI Japan Small-Cap ETF	28.25
EFG	iShares MSCI EAFE Growth ETF	29.07
WPS	iShares International Developed Property ETF	31.14
ENZL	iShares MSCI New Zealand ETF	31.47
TOK	iShares MSCI Kokusai ETF	31.47
BBJP	JPMorgan BetaBuilders Japan ETF	31.77
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	31.81

* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

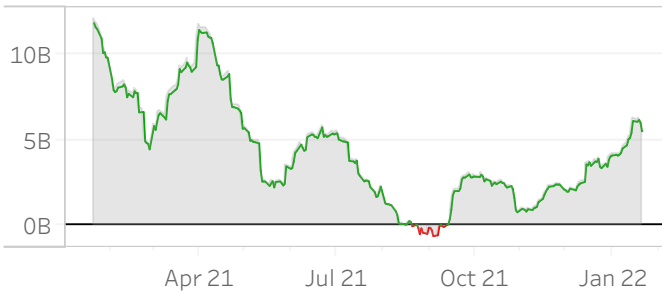
Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



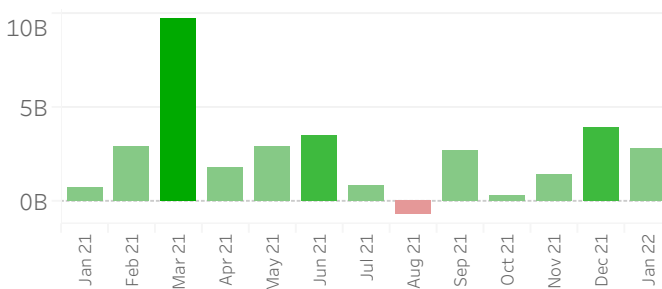
Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
FXI	iShares China Large-Cap ETF	3.09%
EWZS	iShares MSCI Brazil Small-Cap ETF	2.79%
MCHI	iShares MSCI China ETF	2.60%
FLCH	Franklin FTSE China ETF	2.59%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	2.50%
PGJ	Invesco Golden Dragon China ETF	2.22%
GXC	SPDR S&P China ETF	2.07%
KBA	KraneShares Boser MSCI China A 50 Connect Index ETF	1.66%
FLBR	Franklin FTSE Brazil ETF	1.35%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	1.30%

Emerging Most Overbought

Ticker	Fund	Price
KSA	iShares MSCI Saudi Arabia ETF	83.07
EPU	iShares MSCI Peru ETF	77.82
QAT	iShares MSCI Qatar ETF	74.46
DEM	WisdomTree Emerging Markets High Dividend Fund	66.08
EWZ	iShares MSCI Brazil ETF	64.08
FLBR	Franklin FTSE Brazil ETF	63.85
ILF	iShares Latin America 40 ETF	63.52
EDIV	SPDR S&P Emerging Markets Dividend ETF	62.64
ECH	iShares MSCI Chile ETF	62.63
EZA	iShares MSCI South Africa ETF	61.37

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
EPOL	iShares MSCI Poland ETF	-1.50%
EYLD	Cambria Emerging Shareholder Yield ETF	-1.50%
RSX	VanEck Russia ETF	-1.46%
ERUS	iShares MSCI Russia ETF	-1.15%
FRDM	Freedom 100 Emerging Markets ETF	-1.05%
INDY	iShares India 50 ETF	-0.98%
MFEM	PIMCO RAFI Dynamic Multi-Factor Emerging Markets Eq..	-0.94%
INDA	iShares MSCI India ETF	-0.89%
EWT	iShares MSCI Taiwan ETF	-0.83%
GLIN	VanEck India Growth Leaders ETF	-0.82%

Emerging Most Oversold

Ticker	Fund	Price
VNM	VanEck Vietnam ETF	32.38
RSX	VanEck Russia ETF	33.03
MFEM	PIMCO RAFI Dynamic Multi-Factor Emerging Market..	34.70
ERUS	iShares MSCI Russia ETF	34.89
PIE	Invesco DWA Emerging Markets Momentum ETF	37.06
KBA	KraneShares Boser MSCI China A 50 Connect Index ..	40.73
EPHE	iShares MSCI Philippines ETF	41.65
GLIN	VanEck India Growth Leaders ETF	42.01
EWM	iShares MSCI Malaysia ETF	42.70
PIN	Invesco India ETF	43.31

* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Fixed Income (AGG)



Commodities (DJP)



Currencies (UUP)



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

Fixed Income Performance

Ticker	Name	1 Day	1 Month	YTD
AGG	U.S. Aggregate	0.05%	-2.22%	-2.01%
SHY	1-3 Year Treasury Bonds	-0.02%	-0.64%	-0.56%
IEF	7-10 Year Treasury Bonds	0.21%	-3.17%	-2.40%
TLT	20+ Year Treasury Bonds	0.62%	-5.18%	-4.22%
TIP	TIPS Bonds	0.12%	-2.06%	-3.10%
FLOT	Floating Rate Bonds	-0.06%	0.10%	-0.10%
LQD	Investment Grade Corporate	-0.05%	-3.30%	-3.37%
HYG	High Yield Corporate	-0.19%	-0.92%	-1.82%
BKLN	Senior Loan	-0.09%	0.55%	0.05%
PFF	Preferred & Income Securities	-0.37%	-0.96%	-3.22%
MUB	Municipal Bonds	-0.05%	-1.31%	-1.21%
MBB	MBS	0.09%	-1.67%	-1.58%
EMB	Dollar Denominated EM Bonds	0.35%	-2.66%	-3.70%
LEMB	Local Currency EM Bond	0.15%	1.36%	0.54%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.13%	12.11%	7.11%
DBE	Energy	-0.69%	15.77%	9.19%
USO	WTI Crude Oil	-0.64%	21.56%	11.59%
BNO	Brent Crude Oil	-0.72%	21.35%	12.00%
UNG	Natural Gas	-4.61%	2.56%	2.72%
UGA	Gasoline	-0.66%	16.06%	9.38%
DBP	Precious Metals	-0.04%	4.12%	1.23%
GLD	Gold	-0.25%	2.73%	0.40%
SLV	Silver	1.12%	9.97%	5.16%
PPLT	Platinum	1.40%	11.74%	7.88%
PALL	Palladium	3.67%	18.80%	9.49%
DBB	Base Metals	1.69%	10.62%	5.26%
CPER	Copper	1.81%	5.07%	1.36%
LD	Lead	1.94%	2.38%	1.65%
JJN	Nickel	2.32%	23.55%	14.36%
JJU	Aluminum	2.34%	17.30%	11.11%
JJT	Tin	1.61%	14.17%	12.17%
DBA	Agriculture	-0.20%	4.70%	2.58%
CORN	Corn	-0.59%	2.60%	2.41%
SOYB	Soybeans	1.71%	8.12%	5.24%
WEAT	Wheat	-0.92%	0.94%	1.76%
CANE	Sugar	-0.95%	1.68%	-0.42%
BAL	Cotton	-1.22%	16.47%	8.81%
NIB	Cocoa	-0.55%	11.01%	5.40%
JO	Coffee	-0.95%	7.84%	7.19%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.31%	-0.77%	0.20%
UDN	Short Dollar	-0.30%	0.65%	-0.22%
FXE	Euro	-0.42%	0.14%	-0.69%
FXB	British Pound Sterling	-0.24%	2.82%	0.49%
FXF	Swiss Franc	-0.21%	0.28%	-0.74%
FXJ	Japanese Yen	0.07%	-0.47%	0.81%
FXC	Canadian Dollar	-0.11%	3.37%	1.01%
FXA	Australian Dollar	0.21%	1.59%	-0.63%

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