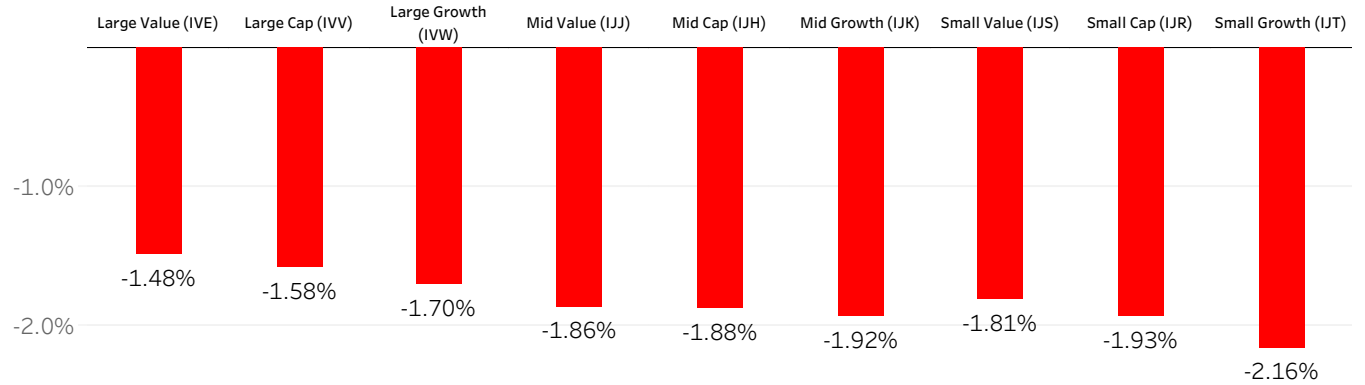


Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
ACSI	American Customer Satisfaction ETF	3.80%
PTLC	Pacer Trendpilot US Large Cap ETF	0.08%
SPC	CrossingBridge Pre-Merger SPAC ETF	0.00%
LSAT	Leadershares Alphafactor Tactical Focused ETF	-0.12%
DFNV	TrimTabs Donoghue Forlines Risk Managed Innovation E..	-0.63%
PTNQ	Pacer Trendpilot 100 ETF	-0.65%
RPHS	Regents Park Hedged Market Strategy ETF	-0.70%
QQXT	First Trust Nasdaq-100 Ex-Technology Sector Index Fund	-0.70%
TPLE	Timothy Plan Us Large/Mid Cap Core Enhanced ETF	-0.72%
JEPQ	J.P. Morgan Nasdaq Equity Premium Income ETF	-0.75%

Size & Style Most Overbought

Ticker	Fund	Value
SPC	CrossingBridge Pre-Merger SPAC ETF	78.98
PTLC	Pacer Trendpilot US Large Cap ETF	74.11
ACSI	American Customer Satisfaction ETF	73.01
DURA	VanEck Durable High Dividend ETF	66.49
USNZ	Xtrackers Net Zero Pathway Paris Aligned US Equity ETF	65.19
DJD	Invesco Dow Jones Industrial Average Dividend ETF	64.42
DEIF	Sterling Capital Diverse Multi-Manager Active ETF	64.18
SIXL	ETC 6 Meridian Low Beta Equity ETF	64.12
VSDA	VictoryShares Dividend Accelerator ETF	63.77
HUSV	First Trust Horizon Managed Volatility Domestic ETF	63.69

Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
QVAL	Alpha Architect US Quantitative Value ETF	-2.62%
EQRR	ProShares Equities for Rising Rates ETF	-2.58%
AIEQ	AI Powered Equity ETF	-2.55%
FFTY	Innovator IBD 50 ETF	-2.45%
IWC	iShares Micro-Cap ETF	-2.41%
VTWV	Vanguard Russell 2000 Value ETF	-2.36%
TMFS	Motley Fool Small-Cap Growth ETF	-2.24%
ISCG	iShares Morningstar Small-Cap Growth ETF	-2.22%
VTWG	Vanguard Russell 2000 Growth ETF	-2.21%
DWAS	Invesco DWA SmallCap Momentum ETF	-2.21%

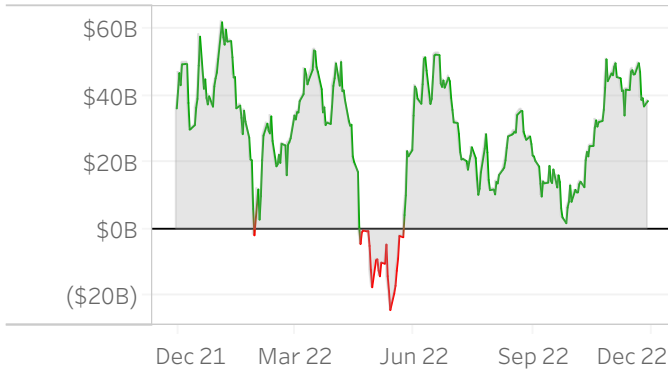
Size & Style Most Oversold

Ticker	Fund	Value
GUSA	Goldman Sachs MarketBeta U.S. 1000 Equity ETF	37.91
IPO	Renaissance IPO ETF	42.63
FFTY	Innovator IBD 50 ETF	43.88
WBIG	WBI BullBear Yield 3000 ETF	44.65
IWC	iShares Micro-Cap ETF	46.60
FPX	First Trust US Equity Opportunities ETF	46.62
RPHS	Regents Park Hedged Market Strategy ETF	46.64
LSAT	Leadershares Alphafactor Tactical Focused ETF	46.76
AIEQ	AI Powered Equity ETF	46.98
BUZZ	VanEck Social Sentiment ETF	47.38

■ 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	25	\$1,258B	(\$5.67B)	\$35.71B	\$64.36B	\$114.35B
Large Cap, Beta Growth, Beta: Growth	10	\$224B	\$0.37B	\$4.82B	\$13.40B	\$21.69B
Large Cap, Beta Growth, Beta: Value	11	\$231B	\$0.59B	\$3.88B	\$5.03B	\$22.84B
Mid Cap, Beta, Beta	10	\$185B	\$0.19B	\$4.14B	\$6.75B	\$13.64B
Mid Cap, Beta, Beta: Growth	6	\$33B	(\$0.04B)	\$0.40B	\$1.30B	\$0.76B
Mid Cap, Beta, Beta: Value	6	\$42B	\$0.52B	\$1.07B	\$1.79B	\$2.15B
Small Cap, Beta, Beta	13	\$198B	(\$0.09B)	\$4.08B	\$5.59B	\$3.53B
Small Cap, Beta, Beta: Growth	7	\$32B	(\$0.01B)	\$0.07B	\$0.55B	\$1.67B
Small Cap, Beta, Beta: Value	7	\$52B	\$0.10B	\$0.37B	(\$0.31B)	(\$2.33B)

U.S. Size & Style Flow Leaders

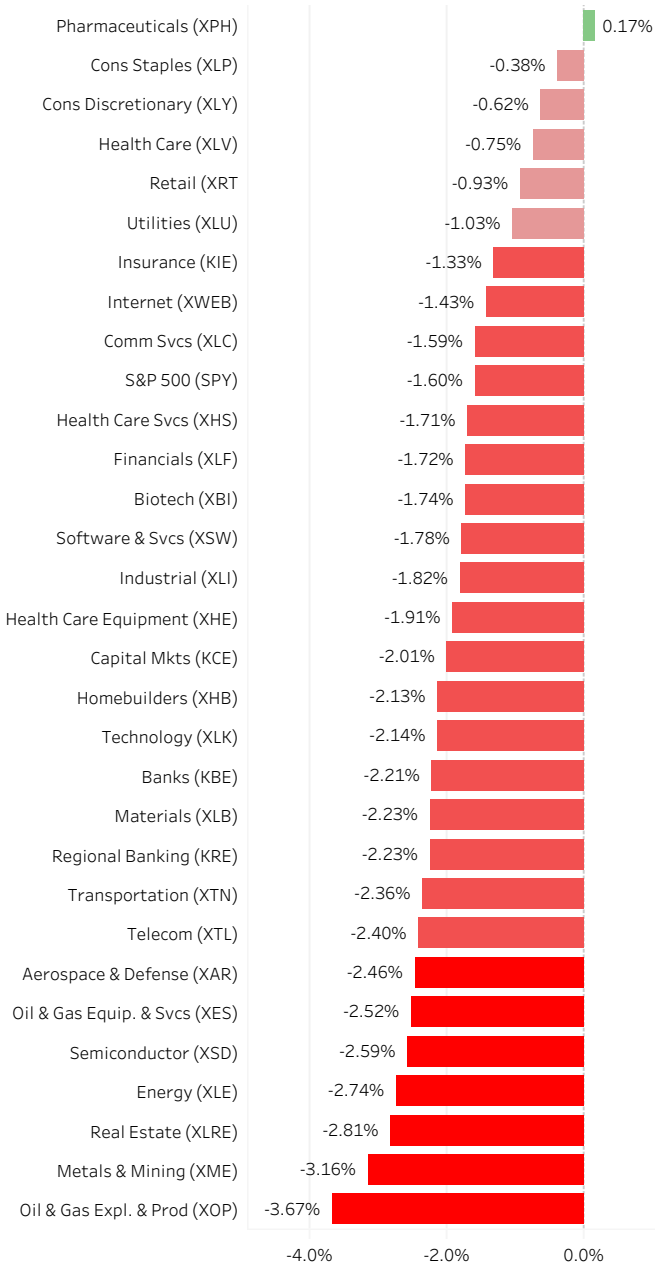
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWF	iShares Russell 1000 Growth ETF	\$0.34B	\$1.27B	\$1.64B	\$2.98B	\$61.40B
DIA	SPDR Dow Jones Industrial Average ETF Trust	\$0.34B	\$1.04B	\$0.94B	\$2.65B	\$31.03B
IJJ	iShares S&P Mid-Cap 400 Value ETF	\$0.33B	(\$0.12B)	\$0.02B	(\$0.84B)	\$7.94B
IVE	iShares S&P 500 Value ETF	\$0.31B	\$0.26B	\$0.12B	\$2.86B	\$25.67B
VIG	Vanguard Dividend Appreciation ETF	\$0.18B	\$1.06B	\$1.34B	\$3.99B	\$66.78B
IVV	iShares Core S&P 500 ETF	\$0.16B	\$6.47B	\$14.19B	\$27.72B	\$307.17B
PWV	Invesco Dynamic Large Cap Value ETF	\$0.16B	\$0.18B	\$0.19B	(\$0.02B)	\$1.01B
SCHD	Schwab US Dividend Equity ETF	\$0.15B	\$4.18B	\$7.44B	\$13.33B	\$44.54B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.14B	\$1.73B	\$1.96B	\$5.50B	\$33.91B
VYM	Vanguard High Dividend Yield Index ETF	\$0.14B	\$1.93B	\$4.80B	\$9.87B	\$51.99B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VOO	Vanguard S&P 500 ETF	(\$4.42B)	\$5.73B	\$20.64B	\$37.70B	\$274.53B
VTI	Vanguard Total Stock Market ETF	(\$0.72B)	\$6.84B	\$12.94B	\$28.65B	\$272.43B
QQQ	Invesco QQQ Trust	(\$0.65B)	\$4.79B	\$6.26B	\$13.76B	\$161.84B
FVD	First Trust Value Line Dividend Index Fund	(\$0.60B)	\$0.08B	\$0.23B	\$0.45B	\$12.79B
IWM	iShares Russell 2000 ETF	(\$0.24B)	\$2.32B	\$1.34B	(\$3.04B)	\$56.06B
MGK	Vanguard Mega Cap Growth ETF	(\$0.07B)	(\$0.53B)	(\$0.14B)	\$0.39B	\$10.14B
IVW	iShares S&P 500 Growth ETF	(\$0.04B)	\$0.70B	\$0.72B	(\$0.15B)	\$29.84B
QUAL	iShares MSCI USA Quality Factor ETF	(\$0.04B)	(\$1.34B)	(\$1.84B)	(\$5.22B)	\$18.56B
IWO	iShares Russell 2000 Growth ETF	(\$0.03B)	\$0.16B	(\$0.16B)	\$0.59B	\$9.66B
ESGU	iShares ESG Aware MSCI USA ETF	(\$0.03B)	(\$1.78B)	(\$1.57B)	(\$0.71B)	\$20.57B

* 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)
XLV	Health Care Select Sector SPDR Fund	-4.70%	13.54%	5.85%	4.48%	63.88
XLE	Energy Select Sector SPDR Fund	-5.03%	68.55%	5.33%	12.60%	48.83
XLP	Consumer Staples Select Sector SPDR Fund	-5.72%	14.23%	7.01%	3.20%	68.64
XLI	Industrial Select Sector SPDR Fund	-7.09%	20.06%	8.54%	5.66%	61.17
XLU	Utilities Select Sector SPDR Fund	-10.13%	14.13%	4.70%	-1.34%	59.44
XLB	Materials Select Sector SPDR Fund	-11.12%	19.62%	8.91%	1.67%	59.71
XLF	Financial Select Sector SPDR Fund	-14.32%	17.17%	7.38%	3.39%	59.09
SPY	SPDR S&P 500 ETF Trust	-17.12%	11.04%	4.53%	-1.83%	55.49
XLK	Technology Select Sector SPDR Fund	-25.99%	12.17%	4.16%	-4.82%	52.82
XLRE	Real Estate Select Sector SPDR Fund	-27.21%	11.67%	3.30%	-10.75%	51.79
XLY	Consumer Discretionary Select Sector SPDR Fund	-32.60%	7.35%	-0.65%	-9.37%	49.74
XLC	Communication Services Select Sector SPDR Fund	-37.37%	8.79%	0.73%	-13.59%	50.39

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
IHE	iShares U.S. Pharmaceuticals ETF	0.25%
XPH	SPDR S&P Pharmaceuticals ETF	0.17%
PBJ	Invesco Dynamic Food & Beverage ETF	-0.13%
PTH	Invesco DWA Healthcare Momentum ETF	-0.13%
PSL	Invesco DWA Consumer Staples Momentum ETF	-0.22%
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER ST..	-0.37%
VDC	Vanguard Consumer Staples ETF	-0.38%
XLP	Consumer Staples Select Sector SPDR Fund	-0.38%
IYK	iShares U.S. Consumer Staples ETF	-0.45%
RHS	Invesco S&P 500 Equal Weight Consumer Staples ..	-0.47%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
PSL	Invesco DWA Consumer Staples Momentum ETF	69.53
XLP	Consumer Staples Select Sector SPDR Fund	68.64
IYK	iShares U.S. Consumer Staples ETF	68.26
VDC	Vanguard Consumer Staples ETF	68.13
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER STAPLES..	67.91
RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	66.88
PBJ	Invesco Dynamic Food & Beverage ETF	66.42
FXG	First Trust Consumer Staples AlphaDEX Fund	65.94
XLV	Health Care Select Sector SPDR Fund	63.88
FTXG	First Trust Nasdaq Food & Beverage ETF	63.53

Sector & Industry 1 Day Performance Laggards

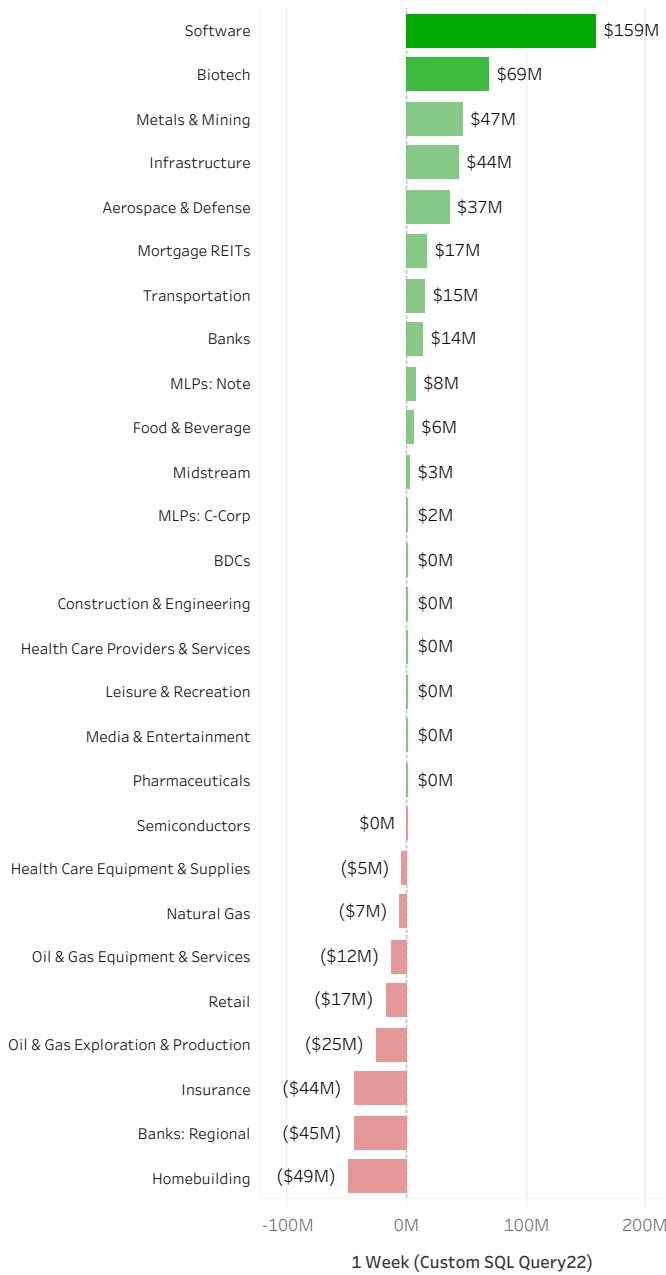
Ticker	Fund	1 Day Performance
PSCE	Invesco S&P SmallCap Energy ETF	-3.83%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	-3.67%
FTXL	First Trust Nasdaq Semiconductor ETF	-3.51%
INDS	Pacer Industrial Real Estate ETF	-3.35%
PXE	Invesco Dynamic Energy Exploration & Production ETF	-3.20%
XME	SPDR S&P Metals & Mining ETF	-3.16%
FTXN	First Trust Nasdaq Oil & Gas ETF	-3.08%
PSI	Invesco Dynamic Semiconductors ETF	-3.03%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	-2.98%
FCG	First Trust Natural Gas ETF	-2.97%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
XHS	SPDR S&P Health Care Services ETF	44.17
PSCE	Invesco S&P SmallCap Energy ETF	45.60
XBI	SPDR S&P BIOTECH ETF	45.66
FCG	First Trust Natural Gas ETF	45.75
PXE	Invesco Dynamic Energy Exploration & Production ETF	45.89
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	46.30
FTXN	First Trust Nasdaq Oil & Gas ETF	46.93
XSW	SPDR S&P Software & Services ETF	47.10
MLPA	Global X MLP ETF	47.24
REZ	iShares Residential and Multisector Real Estate ETF	47.25

* 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	7	\$12B	\$57M	(\$385M)	(\$222M)	(\$1,494M)
Consumer Discretionary	12	\$22B	\$9M	\$40M	(\$1,007M)	(\$5,660M)
Consumer Staples	10	\$30B	\$92M	\$942M	\$1,989M	\$8,354M
Energy	33	\$86B	\$286M	\$1,224M	(\$2,396M)	\$2,606M
Financials	26	\$63B	(\$59M)	(\$1,998M)	(\$1,938M)	(\$9,648M)
Health Care	23	\$97B	\$182M	\$1,952M	\$4,771M	\$13,575M
Industrial	13	\$31B	\$62M	\$631M	(\$1,106M)	(\$2,154M)
Materials	9	\$14B	\$14M	(\$943M)	(\$3,067M)	(\$2,127M)
Multi-Sector	19	\$13B	(\$34M)	(\$624M)	(\$2,149M)	(\$6,060M)
Real Estate	25	\$62B	(\$60M)	(\$277M)	(\$2,684M)	(\$3,326M)
Technology	23	\$119B	\$27M	\$2,112M	\$2,066M	\$1,543M
Utilities	9	\$26B	(\$3M)	(\$428M)	\$1,155M	\$5,201M

U.S. Sector & Industry Flow Leaders

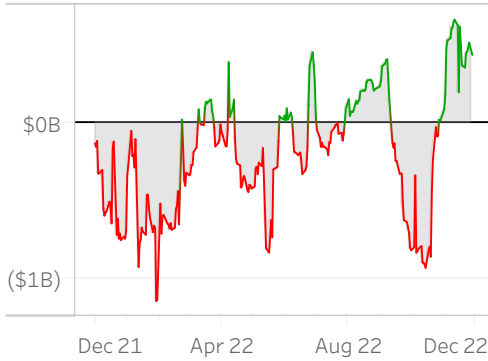
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	\$326M	\$911M	(\$938M)	\$338M	\$43,706M
IGV	iShares Expanded Tech-Software Sector ETF	\$159M	\$1,023M	\$424M	\$947M	\$4,744M
XBI	SPDR S&P BIOTECH ETF	\$136M	\$728M	\$1,175M	\$3,530M	\$7,874M
XLV	Health Care Select Sector SPDR Fund	\$123M	\$957M	\$2,020M	\$8,556M	\$42,441M
PXE	Invesco Dynamic Energy Exploration & Producti..	\$73M	\$67M	\$114M	\$178M	\$422M
SCHH	Schwab U.S. REIT ETF	\$69M	\$232M	\$147M	\$320M	\$5,813M
XLC	Communication Services Select Sector SPDR Fu..	\$50M	(\$443M)	(\$103M)	(\$1,185M)	\$8,479M
XME	SPDR S&P Metals & Mining ETF	\$47M	(\$3M)	(\$529M)	\$48M	\$2,084M
XLP	Consumer Staples Select Sector SPDR Fund	\$46M	\$801M	\$1,085M	\$4,835M	\$17,412M
KBWB	Invesco KBW Bank ETF	\$41M	\$202M	\$395M	(\$39M)	\$2,210M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLK	Technology Select Sector SPDR Fund	(\$113M)	\$575M	\$1,088M	\$2,220M	\$40,921M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$98M)	(\$458M)	(\$794M)	(\$598M)	\$4,733M
IBB	iShares Biotechnology ETF	(\$67M)	\$174M	\$288M	\$362M	\$8,828M
VNQ	Vanguard Real Estate ETF	(\$61M)	(\$332M)	(\$1,807M)	(\$1,433M)	\$35,670M
KIE	SPDR S&P Insurance ETF	(\$59M)	(\$6M)	\$61M	\$34M	\$536M
XLRE	Real Estate Select Sector SPDR Fund	(\$56M)	\$414M	\$167M	\$1,012M	\$5,154M
IYR	iShares U.S. Real Estate ETF	(\$48M)	(\$433M)	(\$639M)	(\$2,382M)	\$3,352M
XHB	SPDR S&P Homebuilders ETF	(\$46M)	(\$70M)	(\$163M)	(\$571M)	\$950M
KRE	SPDR S&P Regional Banking ETF	(\$41M)	(\$237M)	(\$636M)	(\$1,301M)	\$3,167M
VGT	Vanguard Information Technology ETF	(\$34M)	(\$412M)	\$619M	\$445M	\$42,204M

* 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



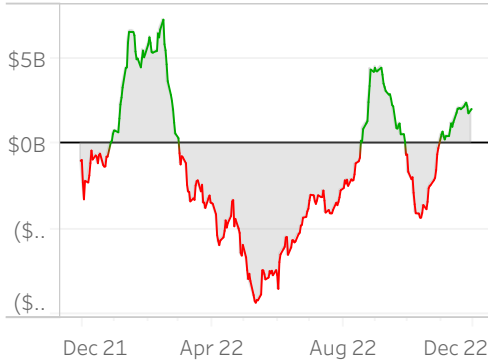
Consumer Staples



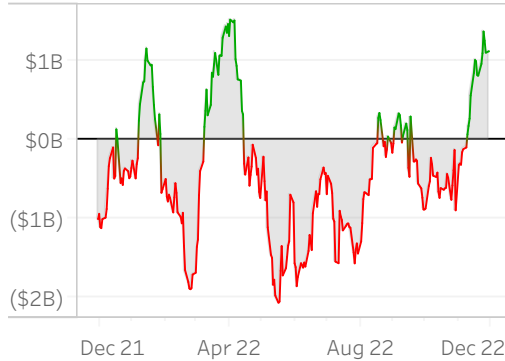
Energy



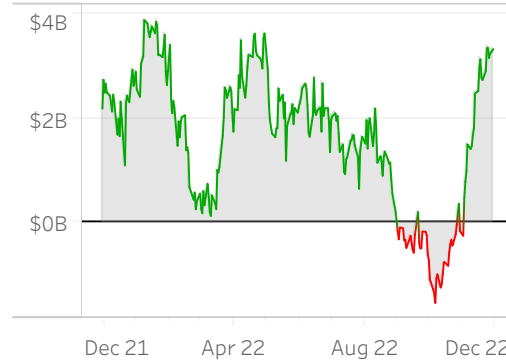
Financials



Industrial



Health Care



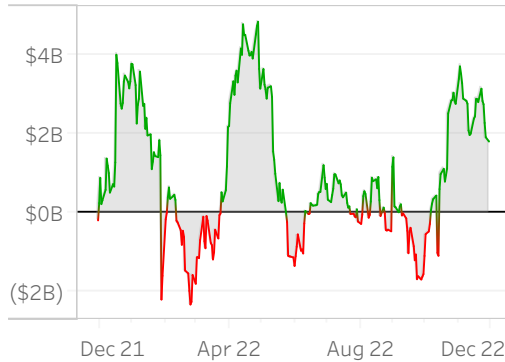
Materials



Real Estate



Technology



Utilities

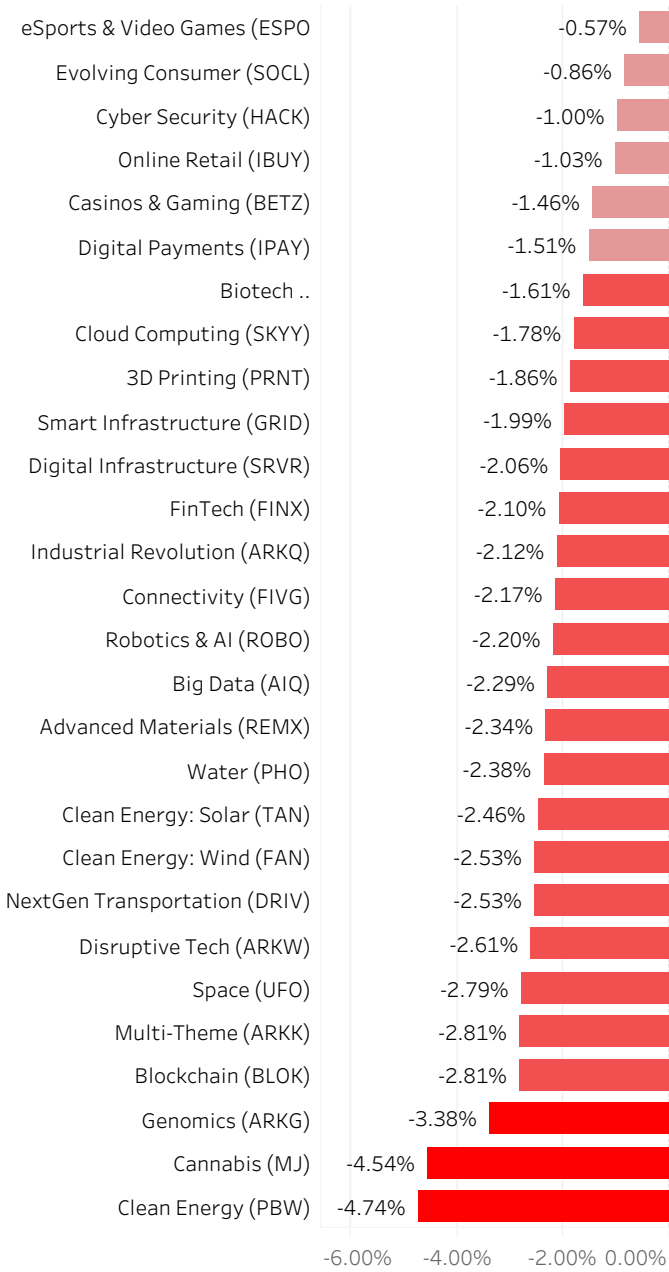


Multi-Sector

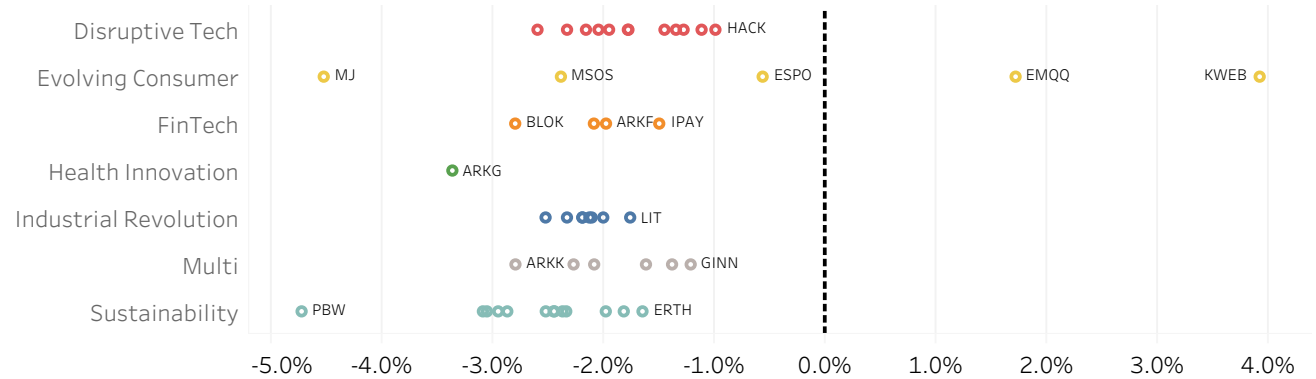


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
KWEB	KraneShares CSI China Internet ETF	3.92%
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	1.71%
BJK	VanEck Gaming ETF	0.18%
KGRN	KraneShares MSCI China Clean Technology Index ETF	0.12%
GDOC	Goldman Sachs Future Health Care Equity ETF	-0.23%
ONLN	ProShares Online Retail ETF	-0.27%
IDNA	iShares Genomics Immunology and Healthcare ETF	-0.30%
AWAY	ETFMG Travel Tech ETF	-0.54%
ESPO	VanEck Video Gaming and eSports ETF	-0.57%
HERO	Global X Video Games & Esports ETF	-0.70%

Thematic Most Overbought

Ticker	Fund	Value
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	63.69
BJK	VanEck Gaming ETF	62.49
KLDW	Knowledge Leaders Developed World ETF	61.81
GDOC	Goldman Sachs Future Health Care Equity ETF	61.22
CGW	Invesco S&P Global Water Index ETF	59.82
LEGR	First Trust Indxx Innovative Transaction & Process ETF	59.64
CTEC	Global X CleanTech ETF	58.80
TAN	Invesco Solar ETF	57.71
PIO	Invesco Global Water ETF	57.69
SNSR	Global X Internet of Things ETF	57.34

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
PBW	Invesco WilderHill Clean Energy ETF	-4.74%
MJ	ETFMG Alternative Harvest ETFMG Alternative Harvest	-4.54%
POTX	Global X Cannabis ETF	-3.97%
EBLU	Ecofin Global Water ESG Fund	-3.69%
PBD	Invesco Global Clean Energy ETF	-3.53%
ARKG	ARK Genomic Revolution ETF	-3.38%
ACES	ALPS Clean Energy ETF	-3.10%
QLCN	First Trust Nasdaq Clean Edge Green Energy Index Fund	-3.06%
PIO	Invesco Global Water ETF	-2.96%
YOLO	AdvisorShares Pure Cannabis ETF	-2.92%

Thematic Most Oversold

Ticker	Fund	Value
LIT	Global X Lithium & Battery Tech ETF	38.74
BLOK	Amplify Transformational Data Sharing ETF	39.56
ARKG	ARK Genomic Revolution ETF	40.01
FINX	Global X FinTech ETF	42.59
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	42.92
REMX	VanEck Rare Earth/Strategic Metals ETF	43.22
PBW	Invesco WilderHill Clean Energy ETF	43.29
ARKK	ARK Innovation ETF	43.30
BTEC	Principal Healthcare Innovators ETF	43.64
ARKW	ARK Next Generation Internet ETF	43.68

* 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
TAN	Invesco Solar ETF	\$32M
MSOS	AdvisorShares Pure US Cannabis ETF	\$22M
GINN	Goldman Sachs Innovate Equity ETF	\$15M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$14M
PBW	Invesco WilderHill Clean Energy ETF	\$6M
TARK	AXS 2X Innovation ETF	\$2M
KLDW	Knowledge Leaders Developed World ETF	\$2M
FAN	First Trust Global Wind Energy ETF	\$2M
WCLD	WisdomTree Cloud Computing Fund	\$1M
IVEG	iShares Emergent Food and AgTech Multisector ETF	\$1M

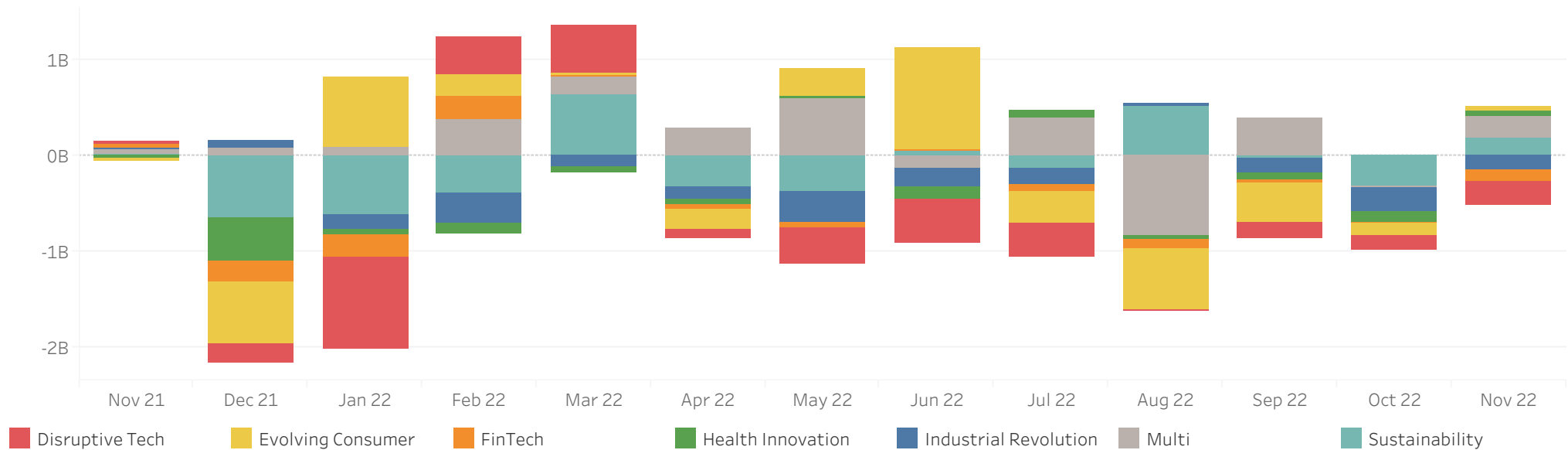
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	(\$74M)
ARKG	ARK Genomic Revolution ETF	(\$22M)
LIT	Global X Lithium & Battery Tech ETF	(\$19M)
BUG	Global X Cybersecurity ETF	(\$19M)
KOMP	SPDR S&P Kensho New Economies Composite ETF	(\$11M)
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	(\$10M)
ARKF	ARK Fintech Innovation ETF	(\$10M)
EDOC	Global X Telemedicine & Digital Health ETF Registered	(\$9M)
ICLN	iShares Global Clean Energy ETF	(\$6M)
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Security Fund	(\$5M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$16B	(\$32M)	(\$575M)	(\$1,399M)	(\$2,110M)
Evolving Consumer	46	\$9B	\$21M	(\$455M)	(\$349M)	\$0M
FinTech	22	\$3B	(\$10M)	(\$172M)	(\$333M)	(\$589M)
Health Innovation	19	\$3B	(\$15M)	(\$138M)	(\$264M)	(\$957M)
Industrial Revolution	32	\$11B	(\$23M)	(\$569M)	(\$891M)	(\$1,879M)
Multi	40	\$14B	(\$17M)	\$475M	\$131M	\$1,657M
Sustainability	40	\$19B	\$19M	(\$161M)	\$249M	(\$1,504M)
Grand Total	234	\$75B	(\$56M)	(\$1,595M)	(\$2,856M)	(\$5,382M)

Thematic Monthly Flows

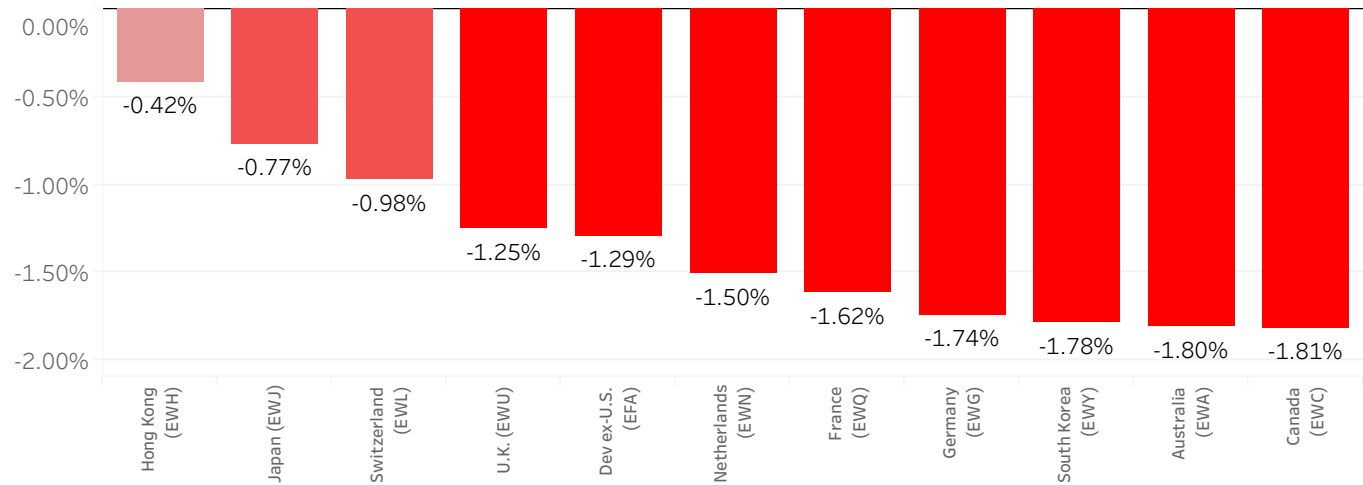


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

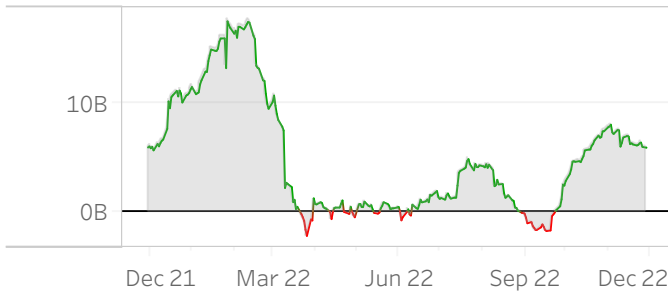
Developed ex-U.S. (EFA)



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



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



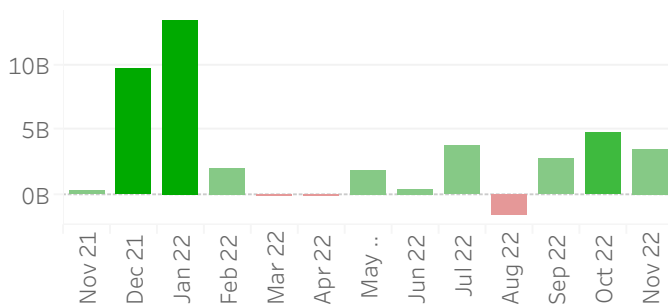
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
JPNX	iShares JPX-Nikkei 400 ETF	1.02%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	-0.40%
EWH	iShares MSCI Hong Kong ETF	-0.42%
IHDG	WisdomTree International Hedged Quality Dividend Growth ..	-0.50%
AIA	iShares Asia 50 ETF	-0.57%
SCJ	iShares MSCI Japan Small-Cap ETF	-0.64%
HEFA	iShares Currency Hedged MSCI EAFE ETF	-0.72%
IQIN	IQ 500 International ETF	-0.72%
FLJP	Franklin FTSE Japan ETF	-0.73%
DFJ	WisdomTree Japan SmallCap Dividend Fund	-0.73%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
IMFL	Invesco International Developed Dynamic Multifactor ETF	70.92
JPNX	iShares JPX-Nikkei 400 ETF	70.25
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	69.83
EDEN	iShares MSCI Denmark ETF	69.64
DFJ	WisdomTree Japan SmallCap Dividend Fund	69.26
DXJ	WisdomTree Japan Hedged Equity Fund	68.98
SCJ	iShares MSCI Japan Small-Cap ETF	68.86
LVHI	Franklin International Low Volatility High Dividend Index ..	68.59
GSID	Goldman Sachs MarketBeta International Equity ETF	68.44
FLJP	Franklin FTSE Japan ETF	68.11

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EIS	iShares MSCI Israel ETF	-2.95%
EWD	iShares MSCI Sweden ETF	-2.75%
ISRA	VanEck Israel ETF	-2.68%
NORW	Global X MSCI Norway ETF	-2.61%
ENZL	iShares MSCI New Zealand ETF	-2.53%
DFE	WisdomTree Europe SmallCap Dividend Fund	-2.51%
IEUS	iShares MSCI Europe Small-Cap ETF	-2.49%
GREK	Global X MSCI Greece ETF	-2.41%
EWUS	iShares MSCI United Kingdom Small Cap ETF	-2.38%
SCHC	Schwab International Small-Cap Equity ETF	-2.24%

Developed ex-U.S. Most Oversold

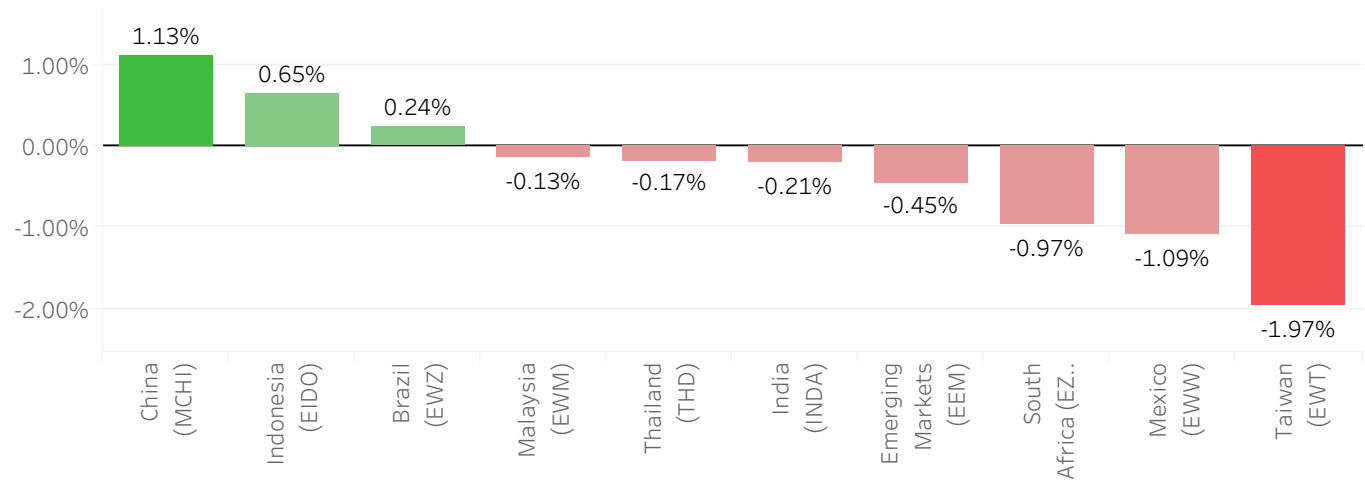
Ticker	Fund	Price
EIS	iShares MSCI Israel ETF	43.67
ISRA	VanEck Israel ETF	45.76
PTIN	Pacer Trendpilot International ETF	50.30
FLKR	Franklin FTSE South Korea ETF	54.68
EWY	iShares MSCI South Korea ETF	54.68
EWH	iShares MSCI Hong Kong ETF	55.26
NORW	Global X MSCI Norway ETF	55.60
AIA	iShares Asia 50 ETF	55.76
ENZL	iShares MSCI New Zealand ETF	56.45
AAXJ	iShares MSCI All Country Asia ex Japan ETF	57.22

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Emerging (EEM)



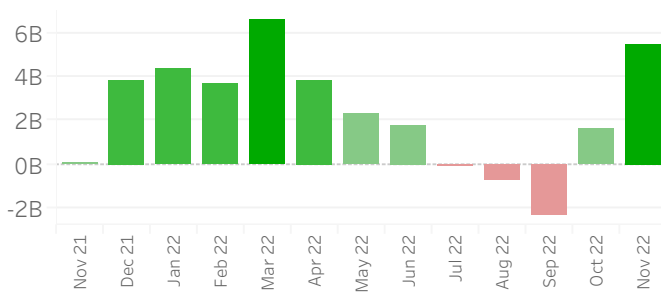
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
PGJ	Invesco Golden Dragon China ETF	2.85%
FNI	First Trust Chindia ETF	1.83%
EPHE	iShares MSCI Philippines ETF	1.38%
MCHI	iShares MSCI China ETF	1.13%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	1.10%
ECNS	iShares MSCI China Small-Cap ETF	0.93%
FXI	iShares China Large-Cap ETF	0.87%
BKF	iShares MSCI BIC ETF	0.66%
EIDO	iShares MSCI Indonesia ETF	0.65%
GXC	SPDR S&P China ETF	0.64%

Emerging Most Overbought

Ticker	Fund	Price
TUR	iShares MSCI Turkey ETF	75.52
EPHE	iShares MSCI Philippines ETF	74.01
EWM	iShares MSCI Malaysia ETF	72.78
FM	iShares MSCI Frontier and Select EM ETF	69.64
EYLD	Cambria Emerging Shareholder Yield ETF	67.80
EPOL	iShares MSCI Poland ETF	66.41
DGS	WisdomTree Emerging Markets SmallCap Dividend F..	65.56
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fu..	65.36
EWX	SPDR S&P Emerging Markets Small Cap ETF	63.82
PIE	Invesco DWA Emerging Markets Momentum ETF	63.46

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
EPU	iShares MSCI Peru ETF	-2.93%
EPOL	iShares MSCI Poland ETF	-2.00%
EWT	iShares MSCI Taiwan ETF	-1.97%
EWZS	iShares MSCI Brazil Small-Cap ETF	-1.63%
ECH	iShares MSCI Chile ETF	-1.57%
KSA	iShares MSCI Saudi Arabia ETF	-1.36%
FRDM	Freedom 100 Emerging Markets ETF	-1.26%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	-1.17%
EWW	iShares MSCI Mexico ETF	-1.09%
QAT	iShares MSCI Qatar ETF	-1.09%

Emerging Most Oversold

Ticker	Fund	Price
KSA	iShares MSCI Saudi Arabia ETF	31.31
QAT	iShares MSCI Qatar ETF	32.05
EWZS	iShares MSCI Brazil Small-Cap ETF	38.51
FLBR	Franklin FTSE Brazil ETF	41.88
EWZ	iShares MSCI Brazil ETF	42.64
RAYC	Rayliant Quantamental China Equity ETF	42.67
KBA	KraneShares Boserer MSCI China A 50 Connect Index ..	44.04
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	44.89
ILF	iShares Latin America 40 ETF	45.33
CNYA	iShares MSCI China A ETF	45.60

* 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	-0.16%	3.03%	-12.63%
SHY	1-3 Year Treasury Bonds	0.02%	0.29%	-4.24%
IEF	7-10 Year Treasury Bonds	0.04%	2.66%	-14.28%
TLT	20+ Year Treasury Bonds	0.28%	6.86%	-29.07%
TIP	TIPS Bonds	-0.23%	0.64%	-11.99%
FLOT	Floating Rate Bonds	0.10%	0.48%	0.48%
LQD	Investment Grade Corporate	-0.72%	5.31%	-17.23%
HYG	High Yield Corporate	-1.05%	-0.06%	-11.13%
BKLN	Senior Loan	-0.24%	0.26%	-2.72%
PFF	Preferred & Income Securities	-0.50%	3.73%	-15.95%
MUB	Municipal Bonds	0.08%	3.85%	-7.71%
MBB	MBS	-0.15%	3.08%	-11.41%
EMB	Dollar Denominated EM Bonds	-0.40%	6.66%	-18.82%
LEMB	Local Currency EM Bond	0.07%	5.70%	-12.76%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.79%	2.52%	18.85%
DBE	Energy	-0.69%	-7.23%	35.19%
USO	WTI Crude Oil	-0.12%	-8.16%	23.03%
BNO	Brent Crude Oil	-0.72%	-10.21%	31.71%
UNG	Natural Gas	-1.50%	19.64%	79.02%
UGA	Gasoline	-1.74%	-9.71%	33.52%
DBP	Precious Metals	-1.17%	6.27%	-7.56%
GLD	Gold	-0.79%	5.73%	-5.28%
SLV	Silver	-2.33%	8.57%	-10.46%
PPLT	abrdrn Physical Platin..	0.64%	4.51%	1.97%
PALL	abrdrn Physical Palla..	0.46%	-3.17%	-3.03%
DBB	Base Metals	-0.10%	6.60%	-13.70%
CPER	Copper	-0.55%	4.58%	-20.29%
LD	Lead	-0.14%	6.80%	-6.87%
JJN	Nickel	-0.03%	15.59%	23.23%
JJU	Aluminum	0.14%	5.86%	-15.87%
JJT	Tin	1.74%	24.82%	-40.13%
DBA	Agriculture	-0.55%	0.71%	0.05%
CORN	Corn	-0.04%	-1.70%	23.63%
SOYB	Soybeans	1.25%	3.96%	21.10%
WEAT	Wheat	-2.11%	-7.60%	6.90%
CANE	Sugar	-0.32%	8.50%	1.30%
BAL	Cotton	-2.24%	11.86%	-12.88%
NIB	Cocoa	-0.13%	9.45%	-8.69%
JO	Coffee	-0.67%	-3.29%	-24.09%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.73%	-3.32%	12.33%
UDN	Short Dollar	-0.77%	3.74%	-10.82%
FXE	Euro	-0.70%	3.70%	-9.84%
FXB	British Pound Sterling	-1.23%	2.96%	-11.52%
FXF	Swiss Franc	-0.44%	4.82%	-4.90%
FXJ	Japanese Yen	0.07%	6.03%	-17.60%
FXC	Canadian Dollar	-0.90%	0.88%	-6.30%
FXA	Australian Dollar	-1.44%	3.61%	-8.70%

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