

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

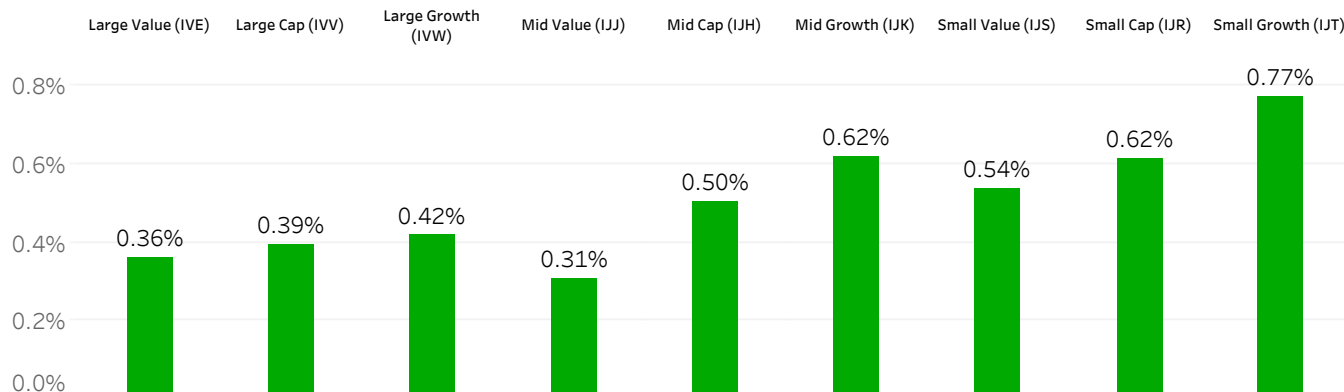


Small Cap Blend (S&P 600) IJR



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

U.S. Size & Style 1-Day Performance



Size & Style 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
LCG	Sterling Capital Focus Equity ETF	1.42%
TMFS	Motley Fool Small-Cap Growth ETF	1.30%
FYC	First Trust Small Cap Growth AlphaDEX Fund	1.28%
USMC	Principal U.S. Mega-Cap ETF	1.13%
QQXT	First Trust Nasdaq-100 Ex-Technology Sector Index Fund	1.10%
CSD	Invesco S&P Spin-Off ETF	1.08%
JSML	Janus Henderson Small Cap Growth Alpha ETF	1.06%
FFTY	Innovator IBD 50 ETF	1.06%
ISCG	iShares Morningstar Small-Cap Growth ETF	1.01%
BBSC	JPMorgan BetaBuilders U.S. Small Cap Equity ETF	1.01%

Size & Style Most Overbought

Ticker	Fund	Value
RFV	Invesco S&P Midcap 400 Pure Value ETF	74.63
RZV	Invesco S&P Smallcap 600 Pure Value ETF	72.05
DGRS	WisdomTree US Smallcap Quality Dividend Growth Fund	71.05
RPV	Invesco S&P 500 Pure Value ETF	70.84
IJJ	iShares S&P Mid-Cap 400 Value ETF	70.83
FNK	First Trust Mid Cap Value AlphaDEX Fund	70.63
MDYV	SPDR S&P 400 Mid Cap Value ETF	70.48
IWC	iShares Micro-Cap ETF	70.37
TMFS	Motley Fool Small-Cap Growth ETF	70.32
IJS	iShares S&P Small-Cap 600 Value ETF	70.25

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
RPHS	Regents Park Hedged Market Strategy ETF	-0.59%
WBIY	WBI Power Factor High Dividend ETF	-0.31%
FNX	First Trust Mid Cap Core AlphaDEX Fund	-0.31%
RPV	Invesco S&P 500 Pure Value ETF	-0.28%
DIVZ	TrueShares Low Volatility Equity Income ETF	-0.17%
FTC	First Trust Large Cap Growth AlphaDEX Fund	-0.14%
FTCS	First Trust Capital Strength ETF	-0.13%
XRLV	Invesco S&P 500 ex-Rate Sensitive Low Volatility ETF	-0.12%
VLUE	iShares MSCI USA Value Factor ETF	-0.11%
UTRN	Vesper U.S. Large Cap Short-Term Reversal Strategy ETF	-0.10%

Size & Style Most Oversold

Ticker	Fund	Value
PTLC	Pacer Trendpilot US Large Cap ETF	39.71
WBIG	WBI BullBear Yield 3000 ETF	43.02
RPHS	Regents Park Hedged Market Strategy ETF	43.12
CFO	VictoryShares US 500 Enhanced Volatility Wtd ETF	49.15
QMOM	Momentumshares US Quantitative Momentum E..	49.54
MTUM	iShares MSCI USA Momentum Factor ETF	50.80
TPLE	Timothy Plan Us Large/Mid Cap Core Enhanced ETF	50.89
SPC	CrossingBridge Pre-Merger SPAC ETF	50.96
SPMO	Invesco S&P 500 Momentum ETF	50.99
AUSF	Global X Adaptive U.S. Factor ETF	51.07

* 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
Small Cap, Beta, Beta	13	\$198B	\$0.65B	\$2.85B	\$6.83B	\$1.69B
Mid Cap, Beta, Beta	10	\$187B	\$0.26B	\$5.00B	\$6.93B	\$11.86B
Large Cap, Beta Growth, Beta: Growth	10	\$221B	\$0.10B	\$8.03B	\$13.26B	\$22.06B
Mid Cap, Beta, Beta: Value	6	\$42B	\$0.04B	\$1.06B	\$1.61B	\$1.48B
Small Cap, Beta, Beta: Value	7	\$52B	\$0.03B	\$1.15B	\$0.04B	(\$2.61B)
Mid Cap, Beta, Beta: Growth	6	\$33B	(\$0.07B)	\$0.09B	\$0.98B	\$0.72B
Small Cap, Beta, Beta: Growth	7	\$32B	(\$0.15B)	\$0.81B	\$1.13B	\$1.84B
Large Cap, Beta Growth, Beta: Value	11	\$229B	(\$0.33B)	\$0.24B	\$2.09B	\$17.64B
Large Cap, Beta Growth, Beta	25	\$1,221B	(\$2.67B)	\$3.96B	\$30.70B	\$63.20B

U.S. Size & Style Flow Leaders

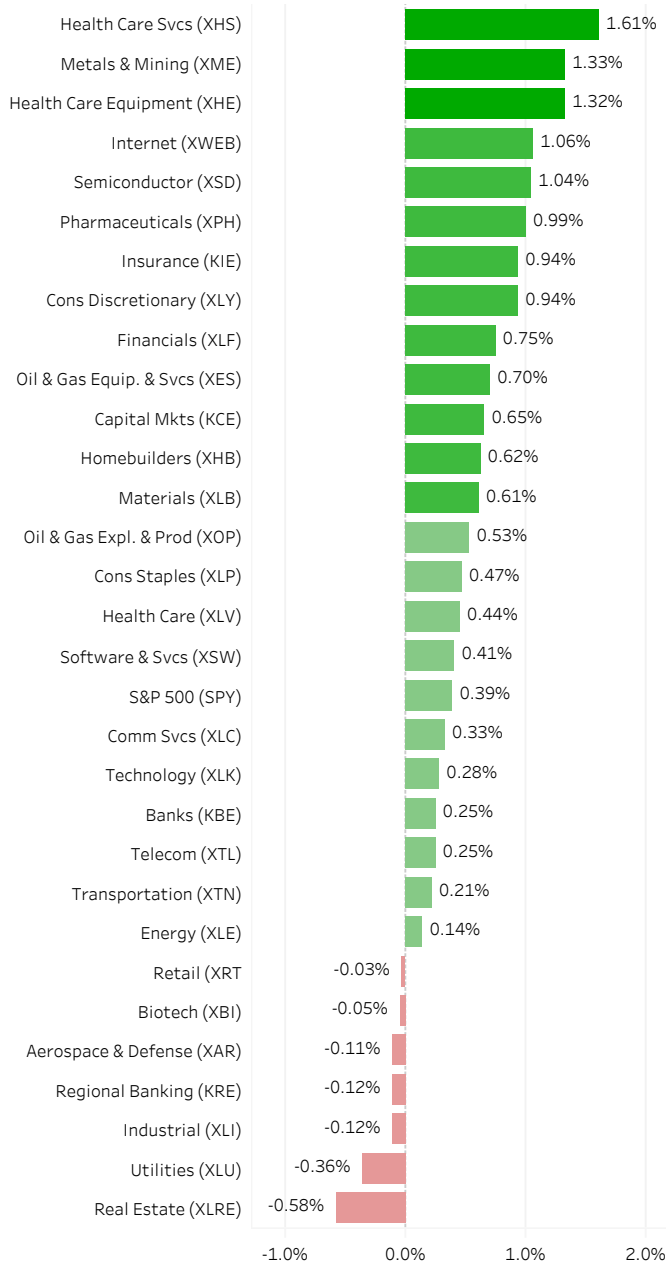
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWM	iShares Russell 2000 ETF	\$0.47B	\$0.29B	\$0.69B	(\$1.95B)	\$54.57B
VTI	Vanguard Total Stock Market ETF	\$0.42B	\$5.20B	\$13.12B	\$25.05B	\$272.52B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.39B	\$2.58B	\$2.69B	\$4.81B	\$34.95B
SCHD	Schwab US Dividend Equity ETF	\$0.30B	\$4.72B	\$8.39B	\$15.31B	\$46.75B
USMV	iShares MSCI USA Min Vol Factor ETF	\$0.21B	\$0.58B	\$2.63B	\$2.99B	\$30.61B
MTUM	iShares MSCI USA Momentum Factor ETF	\$0.18B	\$1.63B	\$1.29B	\$0.45B	\$12.24B
COWZ	Pacer US Cash Cows 100 ETF	\$0.18B	\$2.58B	\$4.26B	\$9.50B	\$11.26B
VYM	Vanguard High Dividend Yield Index ETF	\$0.14B	\$0.70B	\$2.53B	\$8.16B	\$51.25B
IJH	iShares Core S&P Mid-Cap ETF	\$0.10B	\$2.65B	\$3.52B	\$5.11B	\$67.31B
SPYG	SPDR Portfolio S&P 500 Growth ETF	\$0.10B	\$1.61B	\$2.62B	\$2.93B	\$14.03B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	(\$1.86B)	(\$3.05B)	(\$5.26B)	(\$0.45B)	\$149.33B
ESGU	iShares ESG Aware MSCI USA ETF	(\$0.82B)	(\$2.52B)	(\$2.44B)	(\$1.54B)	\$19.63B
IVV	iShares Core S&P 500 ETF	(\$0.65B)	(\$0.52B)	\$5.30B	\$20.29B	\$299.36B
ITOT	iShares Core S&P Total U.S. Stock Market ETF	(\$0.39B)	(\$0.93B)	(\$1.98B)	\$1.61B	\$40.42B
IWD	iShares Russell 1000 Value ETF	(\$0.23B)	(\$0.10B)	(\$0.18B)	(\$0.55B)	\$55.27B
SPLG	SPDR Portfolio S&P 500 ETF	(\$0.14B)	\$0.45B	\$1.33B	\$3.65B	\$15.02B
QUAL	iShares MSCI USA Quality Factor ETF	(\$0.12B)	(\$0.31B)	(\$1.20B)	(\$1.86B)	\$18.43B
VBK	Vanguard Small-Cap Growth ETF	(\$0.10B)	\$0.16B	\$0.29B	\$0.37B	\$12.78B
VLUE	iShares MSCI USA Value Factor ETF	(\$0.10B)	(\$0.50B)	(\$1.56B)	(\$6.90B)	\$7.76B
RPV	Invesco S&P 500 Pure Value ETF	(\$0.09B)	\$0.22B	\$0.03B	\$0.73B	\$3.76B

* 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)
XLI	Industrial Select Sector SPDR Fund	-2.15%	23.68%	2.99%	9.02%	63.69
XLE	Energy Select Sector SPDR Fund	-4.39%	37.06%	1.74%	10.49%	59.88
XLV	Health Care Select Sector SPDR Fund	-5.17%	12.98%	-0.30%	3.58%	49.76
XLP	Consumer Staples Select Sector SPDR Fund	-7.24%	12.39%	-0.39%	1.43%	49.04
XLB	Materials Select Sector SPDR Fund	-7.47%	24.47%	4.44%	6.91%	67.06
XLU	Utilities Select Sector SPDR Fund	-8.69%	15.95%	1.60%	0.32%	53.37
XLF	Financial Select Sector SPDR Fund	-11.99%	19.25%	3.43%	6.99%	68.30
SPY	SPDR S&P 500 ETF Trust	-13.66%	11.76%	1.79%	0.90%	61.48
XLK	Technology Select Sector SPDR Fund	-20.46%	11.95%	1.16%	-1.98%	58.69
XLRE	Real Estate Select Sector SPDR Fund	-21.82%	17.15%	4.32%	-2.88%	63.01
XLY	Consumer Discretionary Select Sector SPDR Fund	-27.06%	10.64%	2.04%	-6.36%	63.32
XLC	Communication Services Select Sector SPDR Fund	-31.19%	15.28%	6.15%	-3.18%	70.32

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XHS	SPDR S&P Health Care Services ETF	1.61%
PNQI	Invesco NASDAQ Internet ETF	1.37%
XME	SPDR S&P Metals & Mining ETF	1.33%
XHE	SPDR S&P Health Care Equipment ETF	1.32%
AIRR	First Trust RBA American Industrial Renaissance E..	1.21%
PSCH	Invesco S&P SmallCap Health Care ETF	1.09%
XSD	SPDR S&P Semiconductor ETF	1.04%
KBWP	Invesco KBW Property & Casualty Insurance ETF	1.04%
FDIS	Fidelity MSCI Consumer Discretionary Index ETF	1.03%
XPH	SPDR S&P Pharmaceuticals ETF	0.99%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
FXZ	First Trust Materials AlphaDEX Fund	74.16
ITB	iShares U.S. Home Construction ETF	73.18
FXD	First Trust Consumer Discretionary AlphaDEX Fund	72.92
PEJ	Invesco Dynamic Leisure & Entertainment ETF	72.32
IYZ	iShares U.S. Telecommunications ETF	72.12
RCD	Invesco S&P 500 Equal Weight Consumer Discretionary ..	71.79
XHB	SPDR S&P Homebuilders ETF	71.15
PNQI	Invesco NASDAQ Internet ETF	71.07
IYM	iShares U.S. Basic Materials ETF	70.79
IYG	iShares US Financial Services ETF	70.76

Sector & Industry 1 Day Performance Laggards

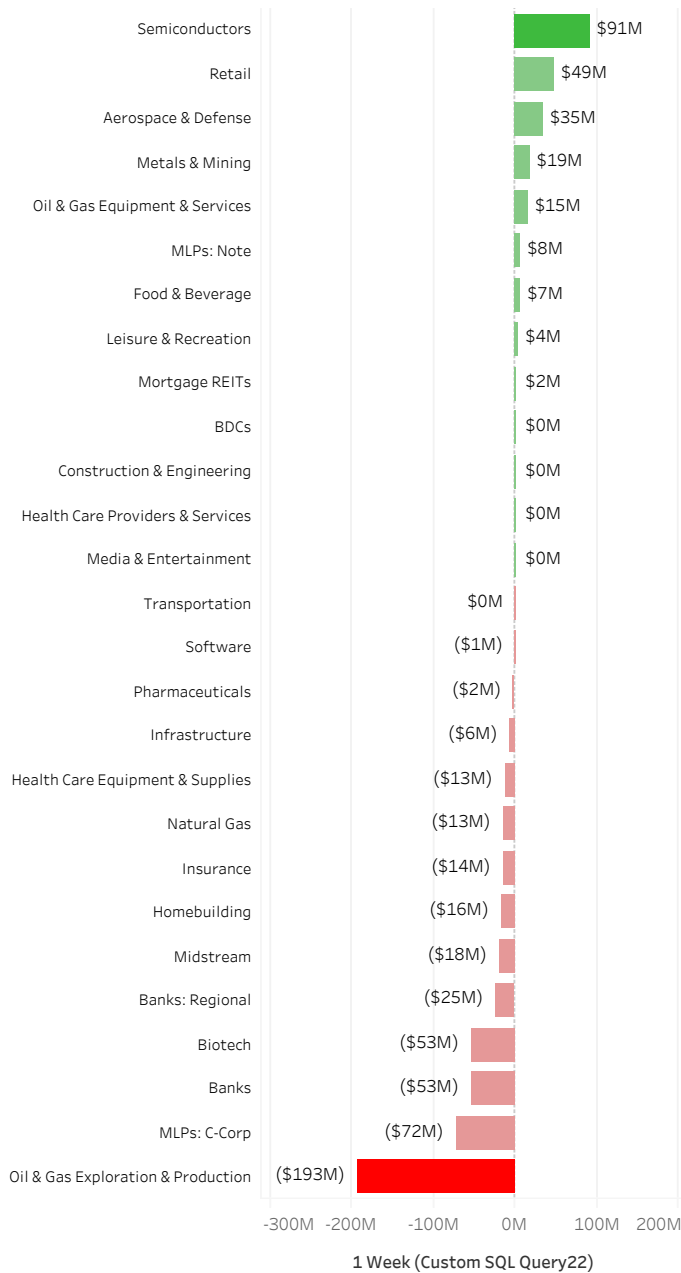
Ticker	Fund	1 Day Performance
ITA	iShares U.S. Aerospace & Defense ETF	-1.20%
NURE	Nuveen Short-Term REIT ETF	-1.16%
REZ	iShares Residential and Multisector Real Estate ETF	-1.14%
BIZD	VanEck BDC Income ETF	-0.99%
PPA	Invesco Aerospace & Defense ETF	-0.86%
JPRE	JPMorgan Realty Income ETF	-0.82%
USRT	iShares Core U.S. REIT ETF	-0.78%
RWR	SPDR Dow Jones REIT ETF	-0.77%
DFAR	Dimensional US Real Estate ETF	-0.75%
BBRE	JPMorgan BetaBuilders MSCI U.S. REIT ETF	-0.74%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IHF	iShares U.S. Healthcare Providers ETF	45.39
IYK	iShares U.S. Consumer Staples ETF	46.48
PINK	Simplify Health Care ETF	46.49
FTXG	First Trust Nasdaq Food & Beverage ETF	47.53
XLP	Consumer Staples Select Sector SPDR Fund	49.04
XLV	Health Care Select Sector SPDR Fund	49.76
VDC	Vanguard Consumer Staples ETF	51.00
RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	51.02
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER STAPLES I..	51.11
IYH	iShares U.S. Healthcare ETF	51.69

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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	\$213M	\$414M	(\$197M)	(\$725M)
Consumer Discretionary	12	\$21B	\$57M	(\$245M)	\$24M	(\$5,832M)
Consumer Staples	10	\$30B	\$22M	\$2,044M	\$2,727M	\$7,480M
Energy	32	\$82B	(\$496M)	(\$414M)	(\$617M)	(\$2,760M)
Financials	26	\$61B	\$51M	\$782M	\$1,056M	(\$16,778M)
Health Care	23	\$97B	(\$244M)	\$3,170M	\$2,330M	\$9,903M
Industrial	13	\$32B	(\$158M)	\$2,064M	\$1,592M	(\$2,105M)
Materials	9	\$15B	\$175M	\$185M	(\$1,057M)	(\$1,429M)
Multi-Sector	19	\$14B	\$1M	(\$82M)	(\$1,842M)	(\$6,978M)
Real Estate	25	\$63B	(\$148M)	\$234M	(\$1,060M)	(\$6,240M)
Technology	23	\$115B	(\$399M)	\$989M	\$640M	(\$1,346M)
Utilities	9	\$27B	(\$115M)	(\$741M)	\$6M	\$5,071M

U.S. Sector & Industry Flow Leaders

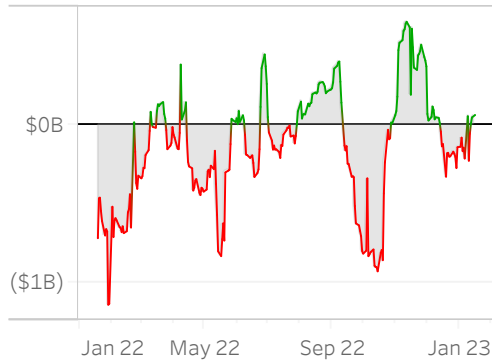
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLC	Communication Services Select Sector SPDR Fu..	\$250M	\$448M	(\$218M)	(\$396M)	\$8,859M
XLB	Materials Select Sector SPDR Fund	\$132M	\$4M	(\$571M)	(\$1,782M)	\$5,985M
XLF	Financial Select Sector SPDR Fund	\$115M	\$1,509M	\$1,693M	(\$9,117M)	\$33,330M
IYW	iShares U.S. Technology ETF	\$97M	\$1,801M	\$2,015M	\$1,533M	\$8,284M
SOXX	iShares Semiconductor ETF	\$95M	\$63M	(\$166M)	(\$329M)	\$6,765M
XLRE	Real Estate Select Sector SPDR Fund	\$74M	\$189M	\$265M	\$281M	\$5,367M
FUTY	Fidelity MSCI Utilities Index ETF	\$58M	\$36M	\$99M	\$991M	\$2,207M
XHB	SPDR S&P Homebuilders ETF	\$49M	\$30M	(\$19M)	(\$949M)	\$995M
XRT	SPDR S&P Retail ETF	\$49M	\$2M	(\$93M)	\$43M	\$343M
XLE	Energy Select Sector SPDR Fund	\$42M	(\$736M)	\$20M	(\$2,322M)	\$41,804M

U.S. Sector & Industry Flow Laggards

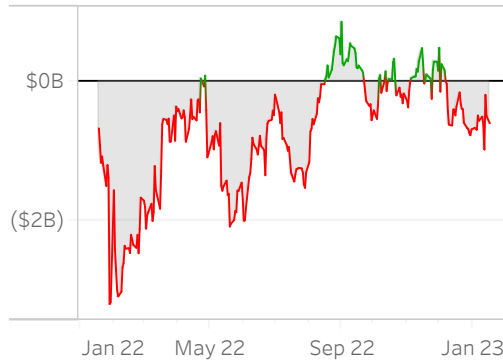
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VGT	Vanguard Information Technology ETF	(\$376M)	\$77M	(\$812M)	(\$487M)	\$40,598M
IYE	iShares U.S. Energy ETF	(\$265M)	(\$316M)	(\$1,006M)	(\$1,729M)	\$2,028M
XLK	Technology Select Sector SPDR Fund	(\$228M)	\$40M	\$781M	\$401M	\$39,334M
VNQ	Vanguard Real Estate ETF	(\$205M)	(\$350M)	(\$1,290M)	(\$3,065M)	\$35,623M
XLU	Utilities Select Sector SPDR Fund	(\$200M)	(\$636M)	(\$170M)	\$3,294M	\$16,524M
XLI	Industrial Select Sector SPDR Fund	(\$188M)	\$1,068M	\$910M	(\$2,735M)	\$14,961M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$186M)	\$36M	(\$406M)	(\$1,185M)	\$4,297M
XLV	Health Care Select Sector SPDR Fund	(\$175M)	\$1,397M	\$1,141M	\$6,156M	\$41,430M
AML	Alerian MLP ETF	(\$68M)	(\$8M)	(\$12M)	\$304M	\$6,702M
ITB	iShares U.S. Home Construction ETF	(\$65M)	\$119M	(\$128M)	(\$1,219M)	\$1,443M

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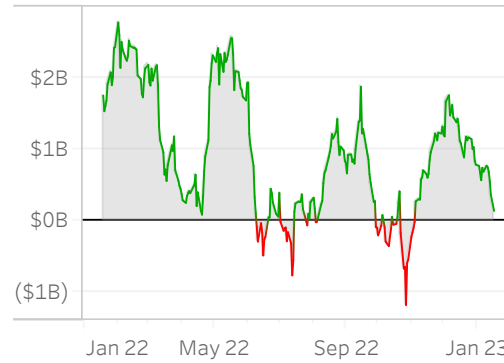
Communication Services



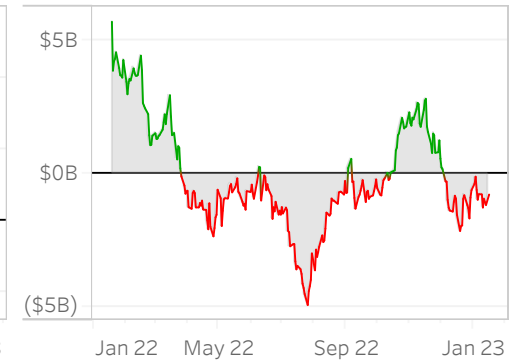
Consumer Discretionary



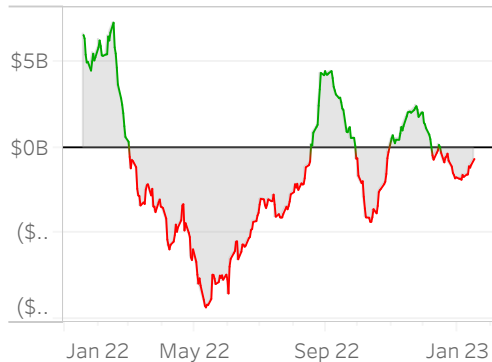
Consumer Staples



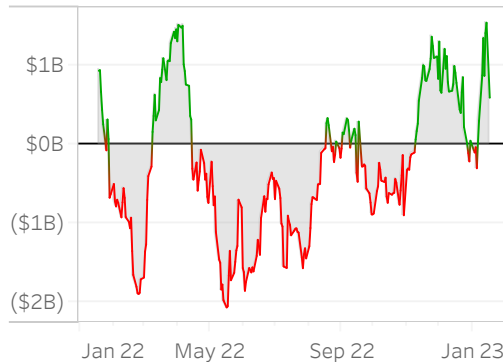
Energy



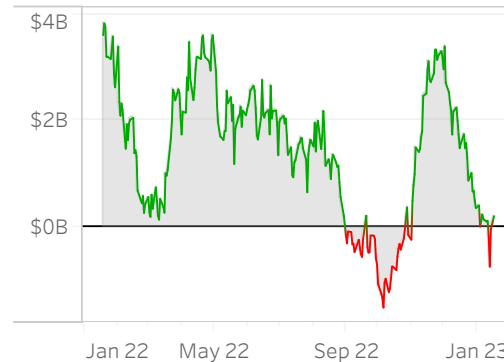
Financials



Industrial



Health Care



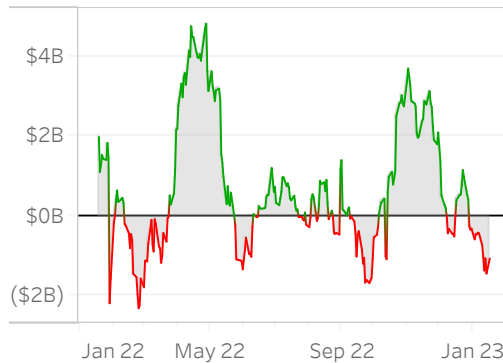
Materials



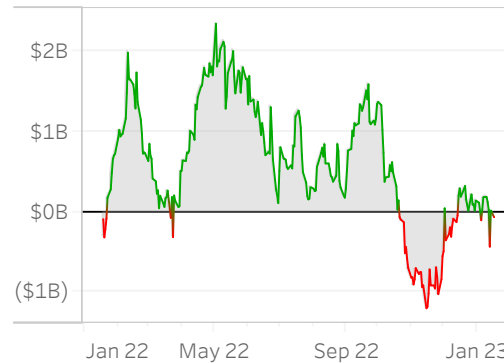
Real Estate



Technology



Utilities

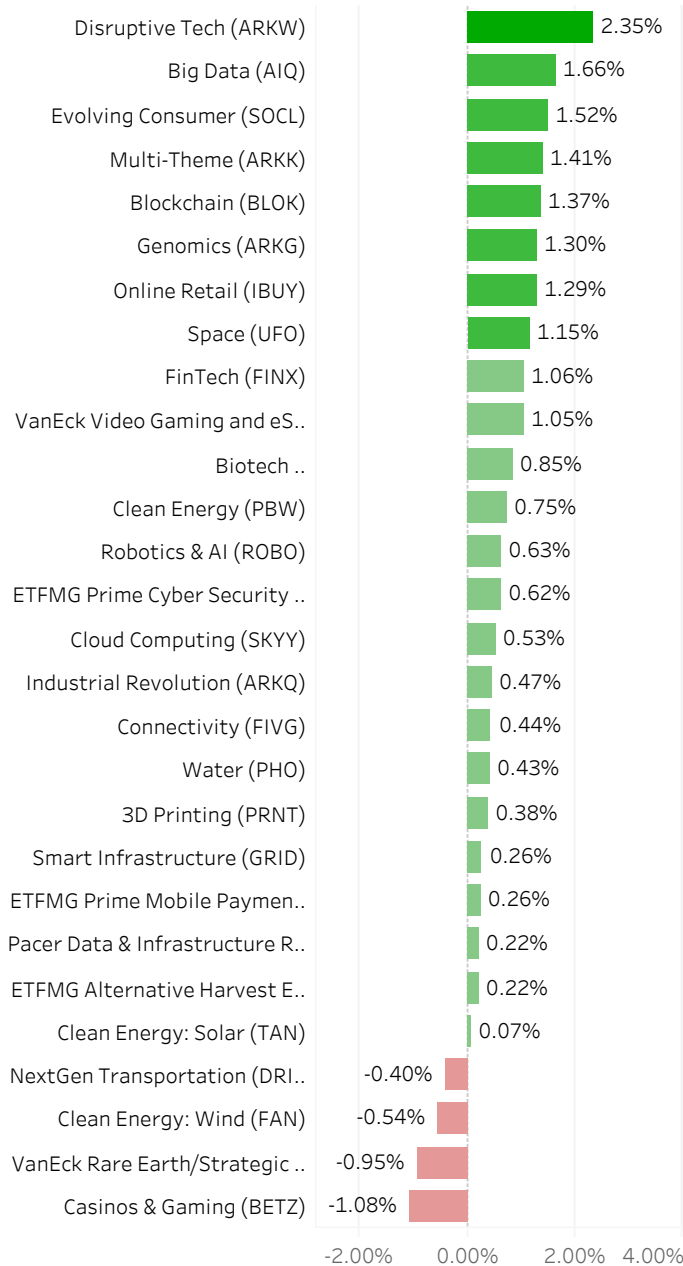


Multi-Sector

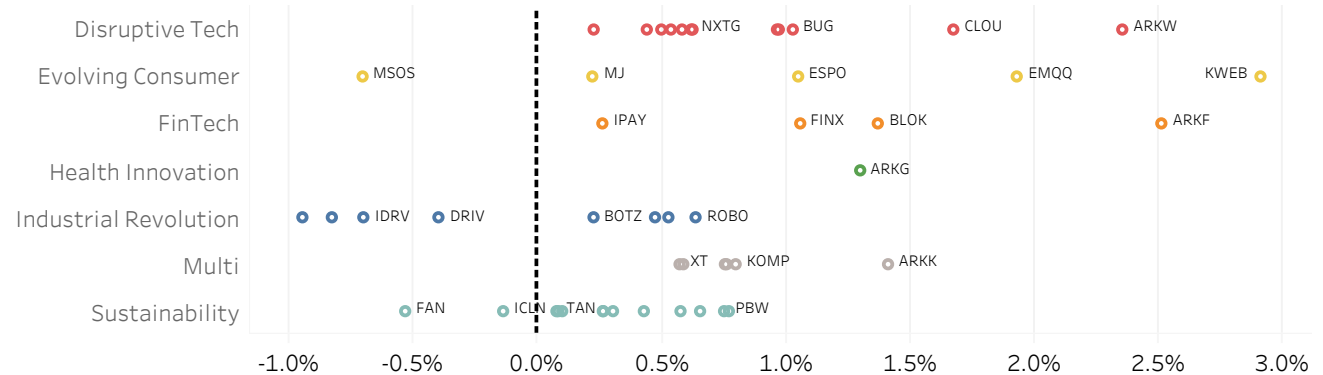


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
KWEB	KraneShares CSI China Internet ETF	2.91%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	2.59%
ARKF	ARK Fintech Innovation ETF	2.51%
EBIZ	Global X E-Commerce ETF	2.44%
BKCH	Global X Blockchain ETF	2.37%
ARKW	ARK Next Generation Internet ETF	2.35%
AWAY	ETFMG Travel Tech ETF	1.99%
ONLN	ProShares Online Retail ETF	1.94%
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	1.93%
GNOM	Global X Genomics & Biotechnology ETF	1.72%

Thematic Most Overbought

Ticker	Fund	Price
AWAY	ETFMG Travel Tech ETF	77.39
EBIZ	Global X E-Commerce ETF	77.10
BKCH	Global X Blockchain ETF	73.99
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	73.62
SOCL	Global X Social Media ETF	72.99
IBUY	Amplify Online Retail ETF	72.43
LEGR	First Trust Indxx Innovative Transaction & Process ETF	72.04
GBUY	Goldman Sachs Future Consumer Equity ETF	71.58
ONLN	ProShares Online Retail ETF	70.86
BLOK	Amplify Transformational Data Sharing ETF	70.62

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
BETZ	Roundhill Sports Betting & iGaming ETF	-1.08%
REMX	VanEck Rare Earth/Strategic Metals ETF	-0.95%
KARS	KraneShares Electric Vehicles & Future Mobility Index E..	-0.89%
RNRG	Global X Renewable Energy Producers ETF	-0.87%
LIT	Global X Lithium & Battery Tech ETF	-0.83%
MSOS	AdvisorShares Pure US Cannabis ETF	-0.71%
IDRV	iShares Self-driving EV & Tech ETF	-0.70%
FAN	First Trust Global Wind Energy ETF	-0.54%
BATT	Amplify Lithium & Battery Technology ETF	-0.46%
SMOG	VanEck Low Carbon Energy ETF	-0.43%

Thematic Most Oversold

Ticker	Fund	Price
MSOS	AdvisorShares Pure US Cannabis ETF	38.32
MJUS	ETFMG U.S. Alternative Harvest ETF	42.01
BUG	Global X Cybersecurity ETF	43.12
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Securit..	46.74
IHAK	iShares Cybersecurity & Tech ETF	47.74
CIBR	First Trust NASDAQ Cybersecurity ETF	47.82
YOLO	AdvisorShares Pure Cannabis ETF	48.29
MJ	ETFMG Alternative Harvest ETFMG Alternative Harvest	50.52
SAMT	Stratigas Macro Thematic Opportunities ETF	52.43
IDNA	iShares Genomics Immunology and Healthcare ETF	55.91

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Thematic 1 Week Flow Leaders

Ticker	Fund	
KWEB	KraneShares CSI China Internet ETF	\$208M
ARKK	ARK Innovation ETF	\$37M
ARKG	ARK Genomic Revolution ETF	\$18M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$9M
AGNG	Global X Aging Population ETF	\$7M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$6M
WNDY	Global X Wind Energy ETF	\$5M
ONLN	ProShares Online Retail ETF	\$5M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$5M
BLOK	Amplify Transformational Data Sharing ETF	\$3M

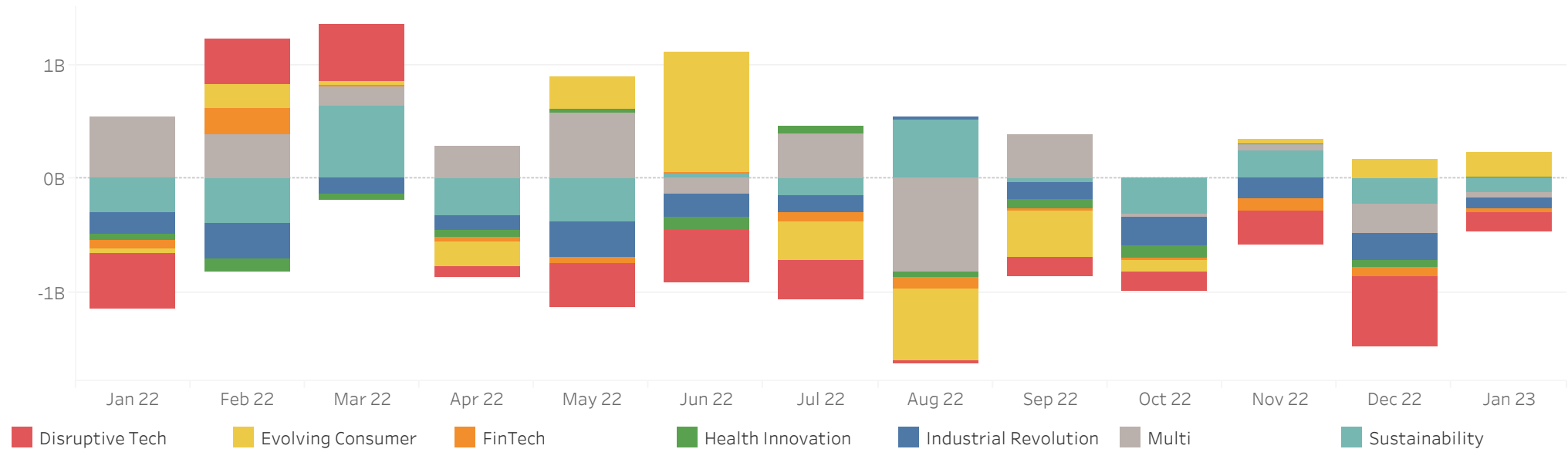
Thematic 1 Week Flow Laggards

Ticker	Fund	
IBUY	Amplify Online Retail ETF	(\$20M)
TARK	AXS 2X Innovation ETF	(\$10M)
LIT	Global X Lithium & Battery Tech ETF	(\$9M)
REMX	VanEck Rare Earth/Strategic Metals ETF	(\$8M)
ARKX	ARK Space Exploration & Innovation ETF	(\$7M)
IHAK	iShares Cybersecurity & Tech ETF	(\$7M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$7M)
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Security Fund	(\$6M)
ICLN	iShares Global Clean Energy ETF	(\$6M)
WCLD	WisdomTree Cloud Computing Fund	(\$6M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$15B	(\$14M)	(\$1,156M)	(\$1,452M)	(\$2,281M)
Evolving Consumer	46	\$11B	\$180M	\$354M	(\$1,094M)	\$287M
FinTech	21	\$2B	\$0M	(\$246M)	(\$456M)	(\$393M)
Health Innovation	19	\$3B	\$12M	(\$55M)	(\$393M)	(\$581M)
Industrial Revolution	31	\$10B	(\$15M)	(\$628M)	(\$936M)	(\$2,320M)
Multi	41	\$14B	(\$8M)	(\$176M)	(\$624M)	\$1,493M
Sustainability	40	\$18B	\$6M	(\$354M)	(\$44M)	(\$816M)
Grand Total	233	\$74B	\$162M	(\$2,262M)	(\$4,998M)	(\$4,612M)

Thematic Monthly Flows

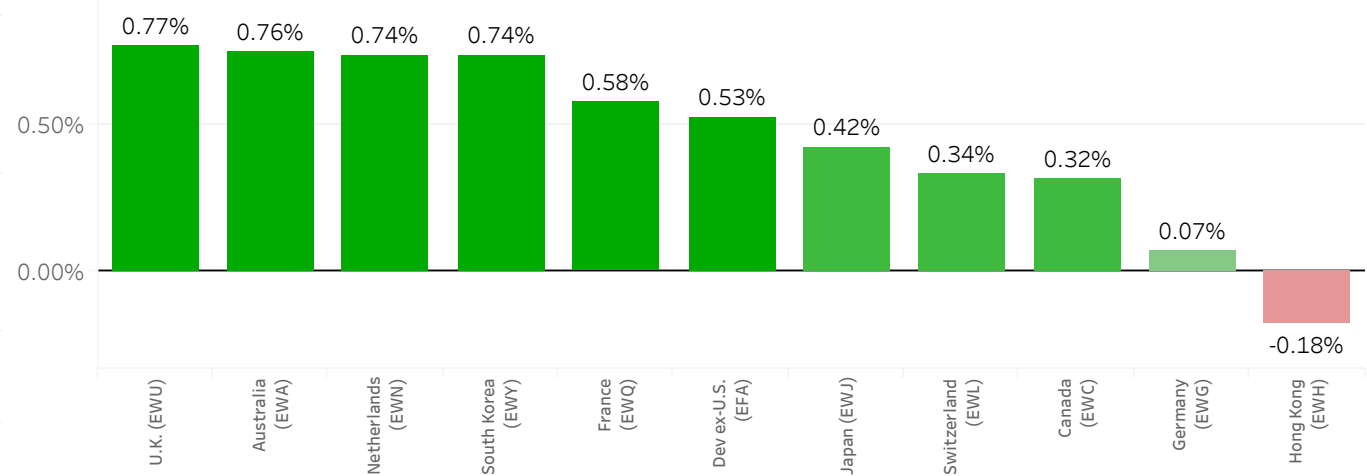


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

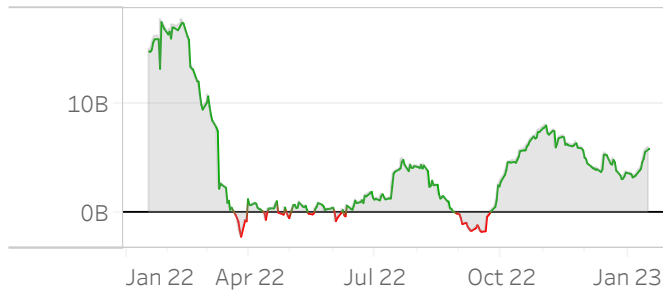
Developed ex-U.S. (EFA)



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



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



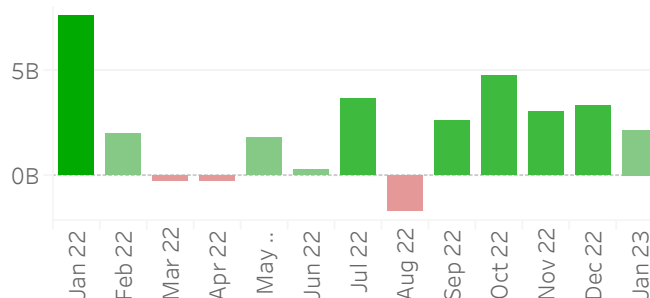
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
MINV	Matthews Asia Innovators Active ETF	1.68%
ENZL	iShares MSCI New Zealand ETF	1.63%
FJP	First Trust Japan AlphaDEX Fund	1.28%
FSZ	First Trust Switzerland AlphaDEX Fund	1.15%
AIA	iShares Asia 50 ETF	1.13%
EWS	iShares MSCI Singapore ETF	1.13%
IVAL	Alpha Architect International Quantitative Value ETF	0.87%
DFJ	WisdomTree Japan SmallCap Dividend Fund	0.86%
IMOM	Alpha Architect International Quantitative Momentum ETF	0.80%
FLGB	Franklin FTSE United Kingdom ETF	0.78%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EWP	iShares MSCI Spain ETF	81.07
EIRL	iShares MSCI Ireland ETF	79.15
IMFL	Invesco International Developed Dynamic Multifactor ETF	79.06
EWG	iShares MSCI Germany ETF	78.17
EZU	iShares MSCI Eurozone ETF	76.77
FEP	First Trust Europe AlphaDEX Fund	76.36
DISV	Dimensional International Small Cap Value ETF	76.25
EWQ	iShares MSCI France ETF	76.12
DDWM	WisdomTree Dynamic Currency Hedged International Equi..	76.02
DTH	WisdomTree International High Dividend Fund	75.90

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	-0.62%
FDD	First Trust Stoxx European Select Dividend Index Fund	-0.57%
HEWJ	iShares Currency Hedged MSCI Japan ETF	-0.56%
DXJ	WisdomTree Japan Hedged Equity Fund	-0.53%
LVHI	Franklin International Low Volatility High Dividend Index ..	-0.53%
EWH	iShares MSCI Hong Kong ETF	-0.18%
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	-0.09%
IDOG	ALPS International Sector Dividend Dogs ETF	-0.09%
EWI	iShares MSCI Italy ETF	-0.07%
EWD	iShares MSCI Sweden ETF	-0.03%

Developed ex-U.S. Most Oversold

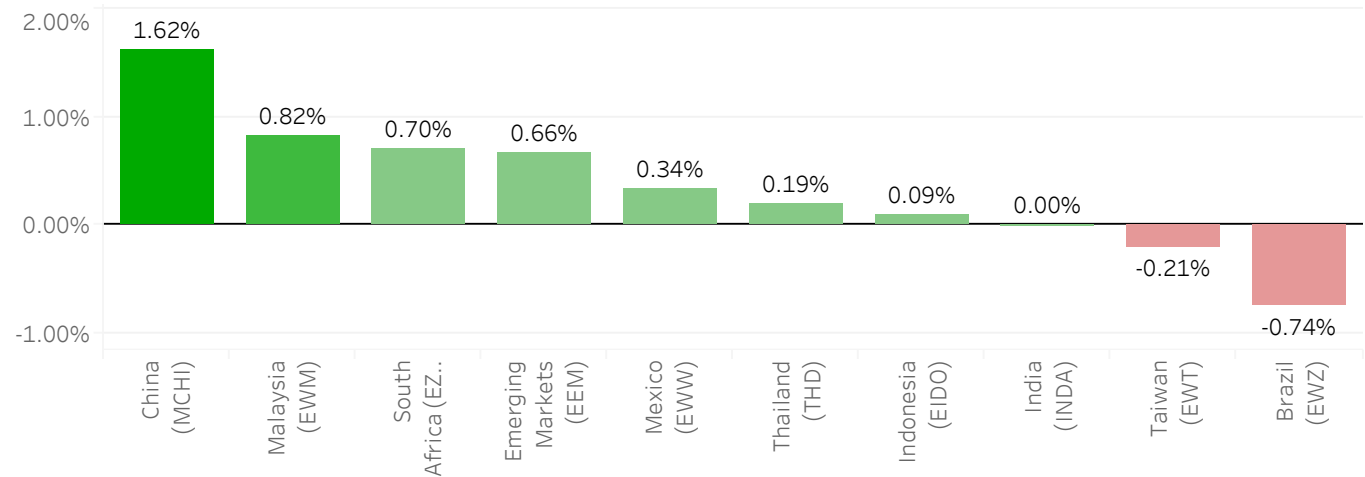
Ticker	Fund	Value
HEWJ	iShares Currency Hedged MSCI Japan ETF	29.01
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	46.42
DXJ	WisdomTree Japan Hedged Equity Fund	47.44
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	51.38
IMOM	Alpha Architect International Quantitative Moment..	52.35
NORW	Global X MSCI Norway ETF	53.50
IVAL	Alpha Architect International Quantitative Value ETF	54.42
HEFA	iShares Currency Hedged MSCI EAFE ETF	55.13
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	57.46
LVHI	Franklin International Low Volatility High Dividend I..	59.22

* 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)



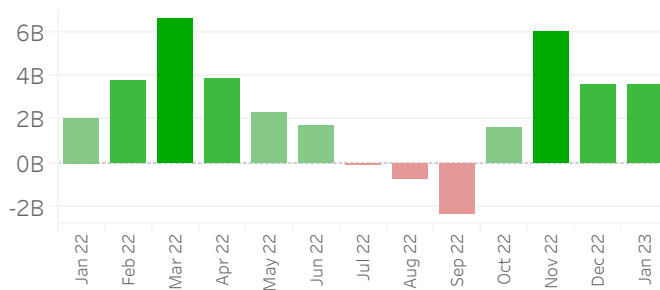
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
PGJ	Invesco Golden Dragon China ETF	2.60%
ECNS	iShares MSCI China Small-Cap ETF	2.23%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	2.13%
EPHE	iShares MSCI Philippines ETF	1.97%
GXC	SPDR S&P China ETF	1.69%
FLCH	Franklin FTSE China ETF	1.63%
MCHI	iShares MSCI China ETF	1.62%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	1.51%
FXI	iShares China Large-Cap ETF	1.42%
CNYA	iShares MSCI China A ETF	1.34%

Emerging Most Overbought

Ticker	Fund	Value
EPU	iShares MSCI Peru ETF	81.08
ADRE	Invesco BLDRS Emerging Markets 50 ADR Index Fund	78.17
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	76.33
PXH	Invesco FTSE RAFI Emerging Markets ETF	75.99
GEM	Goldman Sachs ActiveBeta Emerging Markets Equity ..	75.02
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	74.81
TLTE	FlexShares Morningstar Emerging Markets Factor Til..	74.81
CNYA	iShares MSCI China A ETF	74.55
EEMX	SPDR MSCI Emerging Markets Fossil Fuel Free ETF	74.41
EWZ	iShares MSCI Mexico ETF	74.38

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
EWZS	iShares MSCI Brazil Small-Cap ETF	-1.97%
FLBR	Franklin FTSE Brazil ETF	-0.95%
EWZ	iShares MSCI Brazil ETF	-0.74%
PIE	Invesco DWA Emerging Markets Momentum ETF	-0.56%
ECH	iShares MSCI Chile ETF	-0.51%
SMIN	iShares MSCI India Small Cap ETF	-0.49%
FLN	First Trust Latin America AlphaDEX Fund	-0.49%
FLLA	Franklin FTSE Latin America ETF	-0.40%
ILF	iShares Latin America 40 ETF	-0.32%
EPOL	iShares MSCI Poland ETF	-0.24%

Emerging Most Oversold

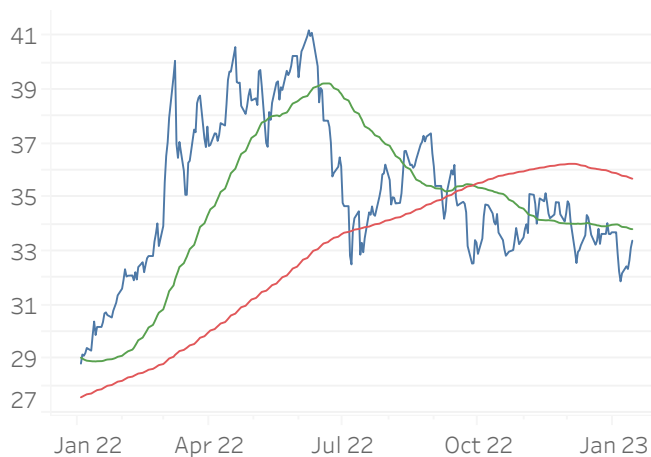
Ticker	Fund	Value
PIN	Invesco India ETF	36.38
TUR	iShares MSCI Turkey ETF	44.14
QAT	iShares MSCI Qatar ETF	46.71
EIDO	iShares MSCI Indonesia ETF	48.76
INDY	iShares India 50 ETF	49.21
INDA	iShares MSCI India ETF	53.73
EWT	iShares MSCI Taiwan ETF	53.96
SMIN	iShares MSCI India Small Cap ETF	54.43
FLIN	Franklin FTSE India ETF	54.44
GLIN	VanEck India Growth Leaders ETF	54.78

* 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	-0.37%	0.57%	3.02%
SHY	1-3 Year Treasury Bonds	-0.17%	0.26%	0.58%
IEF	7-10 Year Treasury Bonds	-0.53%	0.39%	3.35%
TLT	20+ Year Treasury Bonds	-0.94%	-0.34%	7.22%
TIP	TIPS Bonds	-0.78%	0.55%	1.63%
FLOT	Floating Rate Bonds	0.08%	0.60%	0.22%
LQD	Investment Grade Corporate	-0.32%	1.29%	4.78%
HYG	High Yield Corporate	0.00%	2.73%	4.09%
BKLN	Senior Loan	-0.05%	2.16%	2.92%
PFF	Preferred & Income Securities	0.28%	4.16%	6.55%
MUB	Municipal Bonds	-0.14%	1.21%	1.92%
MBB	MBS	-0.46%	0.58%	3.08%
EMB	Dollar Denominated EM Bonds	-0.24%	2.27%	3.82%
LEMB	Local Currency EM Bond	-0.43%	4.23%	3.30%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.78%	-0.65%	-0.92%
DBE	Energy	1.27%	2.43%	-1.41%
USO	WTI Crude Oil	2.10%	7.94%	-0.09%
BNO	Brent Crude Oil	1.74%	7.62%	-0.60%
UNG	Natural Gas	-6.21%	-45.12%	-21.77%
UGA	Gasoline	3.22%	18.43%	2.15%
DBP	Precious Metals	1.42%	6.57%	4.25%
GLD	Gold	1.20%	7.18%	5.38%
SLV	Silver	2.06%	4.49%	1.41%
PPLT	abrdn Physical Platin..	0.18%	7.47%	-0.27%
PALL	abrdn Physical Palla..	0.14%	3.97%	0.61%
DBB	Base Metals	1.46%	10.40%	11.05%
CPER	Copper	1.19%	12.16%	10.65%
LD	Lead	2.49%	4.05%	-2.25%
JJN	Nickel	-2.45%	-5.84%	-9.88%
JJU	Aluminum	1.19%	8.83%	7.87%
JJT	Tin	3.91%	22.51%	14.70%
DBA	Agriculture	0.15%	-0.68%	-3.08%
CORN	Corn	0.49%	2.19%	-1.11%
SOYB	Soybeans	0.32%	2.64%	-0.28%
WEAT	Wheat	-0.13%	-1.83%	-5.89%
CANE	Sugar	0.00%	-1.40%	-1.58%
BAL	Cotton	0.53%	0.89%	-0.98%
NIB	Cocoa	0.57%	8.82%	2.91%
JO	Coffee	0.81%	-8.11%	-9.46%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.04%	-2.11%	-1.22%
UDN	Short Dollar	0.13%	2.78%	1.46%
FXE	Euro	-0.17%	2.30%	1.19%
FXB	British Pound Sterling	0.21%	0.74%	1.43%
FXF	Swiss Franc	0.23%	0.88%	-0.19%
FXJ	Japanese Yen	1.02%	6.95%	2.63%
FXC	Canadian Dollar	-0.23%	2.34%	1.16%
FXA	Australian Dollar	0.14%	4.44%	2.55%

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Contact us at:

team@etfaction.com

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