

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

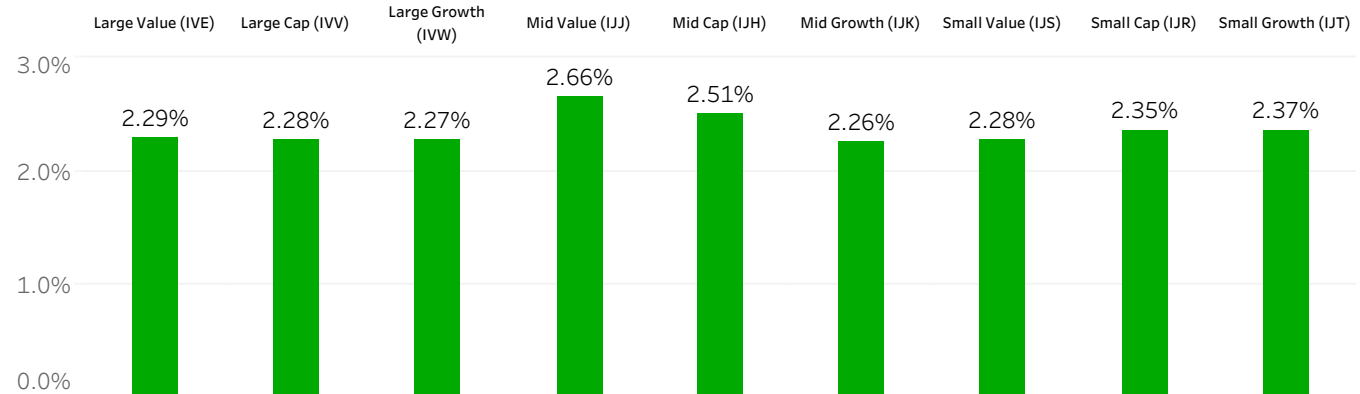


Small Cap Blend (S&P 600) IJR



■ 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
JSML	Janus Henderson Small Cap Growth Alpha ETF	3.21%
QVAL	Alpha Architect US Quantitative Value ETF	3.16%
DWAS	Invesco DWA SmallCap Momentum ETF	3.13%
RFV	Invesco S&P Midcap 400 Pure Value ETF	3.06%
JSMD	Janus Henderson Small/Mid Cap Growth Alpha ETF	2.99%
MMTM	SPDR S&P 1500 Momentum Tilt ETF	2.96%
AVUV	Avantis U.S. Small Cap Value ETF	2.91%
CALF	Pacer US Small Cap Cash Cows 100 ETF	2.87%
FDM	First Trust Dow Jones Select MicroCap Index Fund	2.84%
RDVY	First Trust Rising Dividend Achievers ETF	2.83%

Size & Style Most Overbought

Ticker	Fund	Price
RPV	Invesco S&P 500 Pure Value ETF	66.07
ABEQ	Absolute Select Value ETF	65.10
SDOG	ALPS Sector Dividend Dogs ETF	64.54
RFV	Invesco S&P Midcap 400 Pure Value ETF	64.48
CDL	VictoryShares US Large Cap High Dividend Volatility Wtd ..	62.84
SIXA	ETC 6 Meridian Mega Cap Equity ETF	62.53
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	62.50
FDL	First Trust Morningstar Dividend Leaders Index Fund	62.38
SPDV	AAM S&P 500 High Dividend Value ETF	62.29
DURA	VanEck Durable High Dividend ETF	61.86

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
RPHS	Regents Park Hedged Market Strategy ETF	-0.71%
ONOF	Global X Adaptive U.S. Risk Management ETF	-0.19%
PTLC	Pacer Trendpilot US Large Cap ETF	-0.05%
SPC	CrossingBridge Pre-Merger SPAC ETF	0.07%
CFO	VictoryShares US 500 Enhanced Volatility Wtd ETF	0.45%
IPO	Renaissance IPO ETF	0.45%
TPLE	Timothy Plan US Large/Mid Cap Core Enhanced ETF	0.61%
LGH	HCM Defender 500 Index ETF	0.87%
CSF	VictoryShares US Discovery Enhanced Volatility Wtd ETF	0.94%
QQH	HCM Defender 100 Index ETF	1.11%

Size & Style Most Oversold

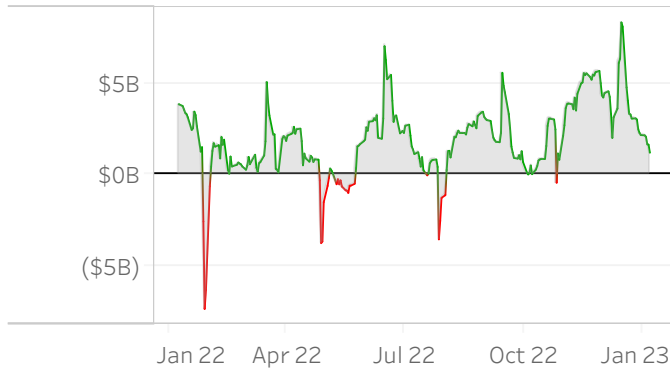
Ticker	Fund	Price
PTLC	Pacer Trendpilot US Large Cap ETF	30.88
FFTY	Innovator IBD 50 ETF	34.38
ONOF	Global X Adaptive U.S. Risk Management ETF	38.01
WBI	WBI BullBear Yield 3000 ETF	39.19
RPHS	Regents Park Hedged Market Strategy ETF	40.29
QMOM	Momentumshares US Quantitative Momentum E..	41.46
IPO	Renaissance IPO ETF	41.60
JEPQ	J.P. Morgan Nasdaq Equity Premium Income ETF	42.34
SPC	CrossingBridge Pre-Merger SPAC ETF	42.97
QQH	HCM Defender 100 Index ETF	43.05

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

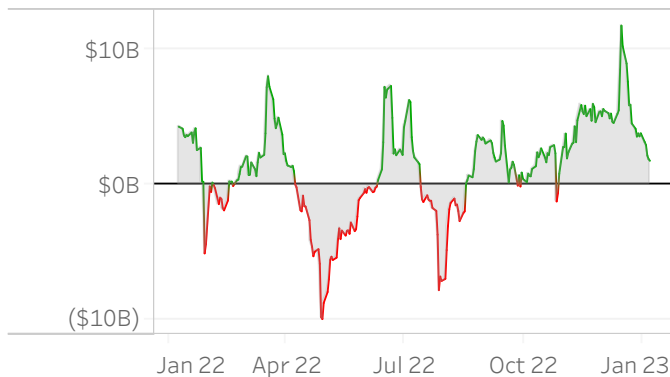
Large-Cap 30-Day Rolling Flows



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	\$1,165B	(\$2.24B)	\$11.40B	\$34.57B	\$60.70B
Large Cap, Beta Growth, Beta: Growth	10	\$209B	(\$0.38B)	\$8.97B	\$14.87B	\$21.06B
Large Cap, Beta Growth, Beta: Value	11	\$222B	(\$0.41B)	\$1.40B	\$2.78B	\$19.66B
Mid Cap, Beta, Beta	10	\$177B	(\$0.07B)	\$4.88B	\$6.95B	\$11.39B
Mid Cap, Beta, Beta: Growth	6	\$31B	\$0.02B	\$0.60B	\$1.08B	\$0.61B
Mid Cap, Beta, Beta: Value	6	\$40B	(\$0.15B)	\$1.22B	\$1.61B	\$1.69B
Small Cap, Beta, Beta	13	\$185B	(\$1.50B)	\$1.95B	\$4.13B	(\$0.18B)
Small Cap, Beta, Beta: Growth	7	\$30B	\$0.02B	\$1.12B	\$1.01B	\$1.73B
Small Cap, Beta, Beta: Value	7	\$49B	(\$0.15B)	\$1.11B	(\$0.32B)	(\$2.51B)

U.S. Size & Style Flow Leaders

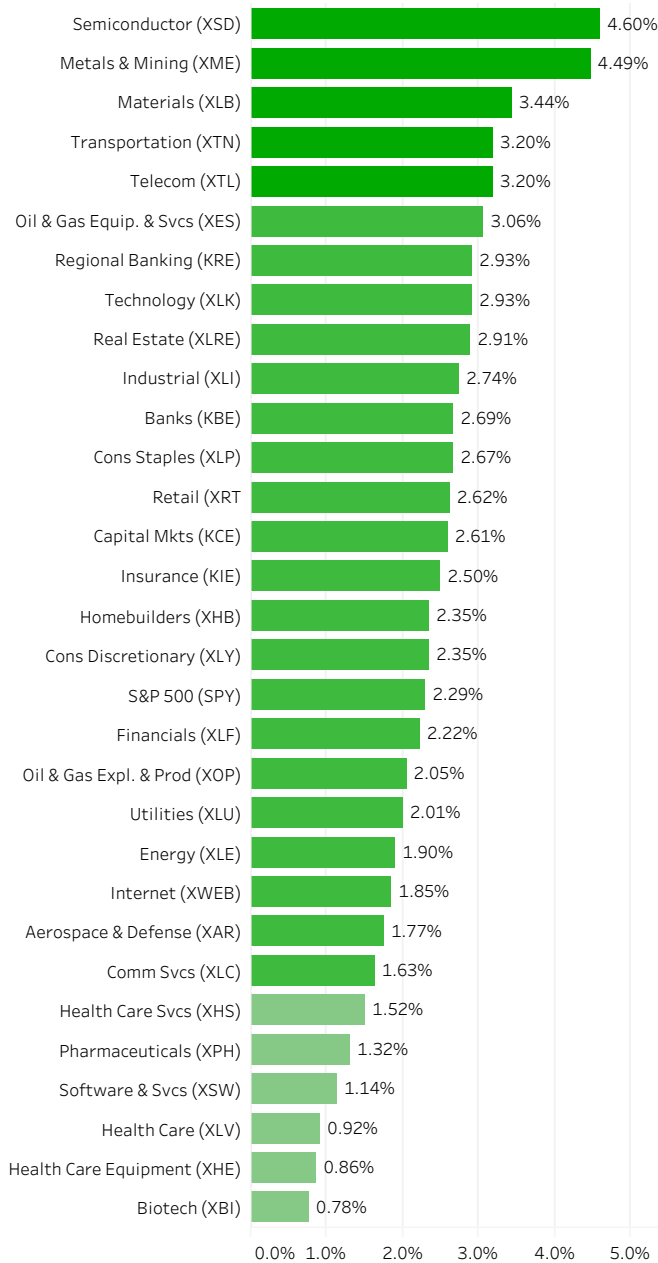
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VTI	Vanguard Total Stock Market ETF	\$0.34B	\$6.02B	\$13.37B	\$25.56B	\$259.45B
SCHD	Schwab US Dividend Equity ETF	\$0.28B	\$4.52B	\$8.12B	\$15.31B	\$45.02B
QUAL	iShares MSCI USA Quality Factor ETF	\$0.17B	(\$0.25B)	(\$1.59B)	(\$1.95B)	\$17.61B
VOO	Vanguard S&P 500 ETF	\$0.16B	\$2.42B	\$13.72B	\$41.13B	\$260.35B
VTV	Vanguard Value ETF	\$0.15B	(\$3.56B)	(\$1.71B)	\$10.72B	\$99.53B
VUG	Vanguard Growth ETF	\$0.14B	\$2.09B	\$4.40B	\$9.28B	\$67.03B
COWZ	Pacer US Cash Cows 100 ETF	\$0.12B	\$2.54B	\$4.05B	\$9.37B	\$10.43B
USSG	Xtrackers MSCI USA ESG Leaders Equity ETF	\$0.10B	\$0.10B	\$0.13B	\$0.20B	\$3.03B
ESGU	iShares ESG Aware MSCI USA ETF	\$0.09B	(\$1.63B)	(\$1.62B)	(\$0.64B)	\$19.49B
SUSL	iShares ESG MSCI USA Leaders ETF	\$0.08B	(\$0.07B)	(\$0.04B)	(\$0.28B)	\$2.93B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWM	iShares Russell 2000 ETF	(\$1.52B)	(\$0.38B)	(\$0.54B)	(\$3.42B)	\$50.78B
SPY	SPDR S&P 500 ETF Trust	(\$1.06B)	\$6.91B	\$7.78B	(\$14.27B)	\$352.80B
QQQ	Invesco QQQ Trust	(\$0.79B)	(\$1.96B)	(\$0.92B)	\$0.07B	\$142.01B
IWD	iShares Russell 1000 Value ETF	(\$0.52B)	\$0.88B	\$0.50B	(\$0.21B)	\$53.98B
IVV	iShares Core S&P 500 ETF	(\$0.50B)	\$0.56B	\$6.00B	\$20.53B	\$286.67B
IWF	iShares Russell 1000 Growth ETF	(\$0.47B)	\$2.64B	\$2.90B	\$3.01B	\$57.71B
VYM	Vanguard High Dividend Yield Index ETF	(\$0.34B)	\$0.82B	\$2.63B	\$8.31B	\$49.93B
VIG	Vanguard Dividend Appreciation ETF	(\$0.20B)	\$1.38B	\$1.68B	\$3.50B	\$64.74B
IJR	iShares Core S&P Small Cap ETF	(\$0.12B)	\$1.04B	\$3.37B	\$2.28B	\$64.88B
IJJ	iShares S&P Mid-Cap 400 Value ETF	(\$0.10B)	\$0.15B	\$0.27B	(\$0.55B)	\$7.41B

* 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	-3.63%	21.81%	2.23%	7.41%	59.41
XLV	Health Care Select Sector SPDR Fund	-5.01%	13.16%	0.10%	3.65%	49.23
XLP	Consumer Staples Select Sector SPDR Fund	-5.95%	13.95%	1.40%	2.75%	56.29
XLE	Energy Select Sector SPDR Fund	-6.93%	40.21%	-1.15%	7.92%	52.93
XLU	Utilities Select Sector SPDR Fund	-9.11%	15.41%	1.83%	-0.30%	52.97
XLB	Materials Select Sector SPDR Fund	-11.24%	19.39%	1.28%	2.36%	56.04
XLF	Financial Select Sector SPDR Fund	-13.79%	16.80%	1.87%	4.64%	62.03
SPY	SPDR S&P 500 ETF Trust	-15.92%	8.84%	-0.48%	-2.08%	51.91
XLK	Technology Select Sector SPDR Fund	-23.97%	7.01%	-2.91%	-6.79%	46.43
XLRE	Real Estate Select Sector SPDR Fund	-25.14%	12.17%	0.61%	-7.60%	53.27
XLY	Consumer Discretionary Select Sector SPDR Fund	-31.04%	4.60%	-3.73%	-12.15%	47.54
XLC	Communication Services Select Sector SPDR Fund	-33.75%	10.99%	3.20%	-7.55%	61.17

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
FTXL	First Trust Nasdaq Semiconductor ETF	5.05%
PSI	Invesco Dynamic Semiconductors ETF	4.72%
SOXQ	Invesco PHLX Semiconductor ETF	4.69%
SOXX	iShares Semiconductor ETF	4.65%
XSD	SPDR S&P Semiconductor ETF	4.60%
XME	SPDR S&P Metals & Mining ETF	4.49%
FXZ	First Trust Materials AlphaDEX Fund	3.73%
IYT	iShares US Transportation ETF	3.64%
IYM	iShares U.S. Basic Materials ETF	3.55%
XLB	Materials Select Sector SPDR Fund	3.44%

Sector & Industry Most Overbought

Ticker	Fund	1 Day Performance
KBWP	Invesco KBW Property & Casualty Insurance ETF	66.05
IYZ	iShares U.S. Telecommunications ETF	65.90
PJP	Invesco Dynamic Pharmaceuticals ETF	64.66
ITB	iShares U.S. Home Construction ETF	64.42
FXZ	First Trust Materials AlphaDEX Fund	64.35
IAK	iShares U.S. Insurance ETF	64.12
XAR	SPDR S&P Aerospace & Defense ETF	63.52
FXD	First Trust Consumer Discretionary AlphaDEX Fund	63.11
KBWB	Invesco KBW Bank ETF	63.10
RCD	Invesco S&P 500 Equal Weight Consumer Discretionary ..	62.66

Sector & Industry 1 Day Performance Laggards

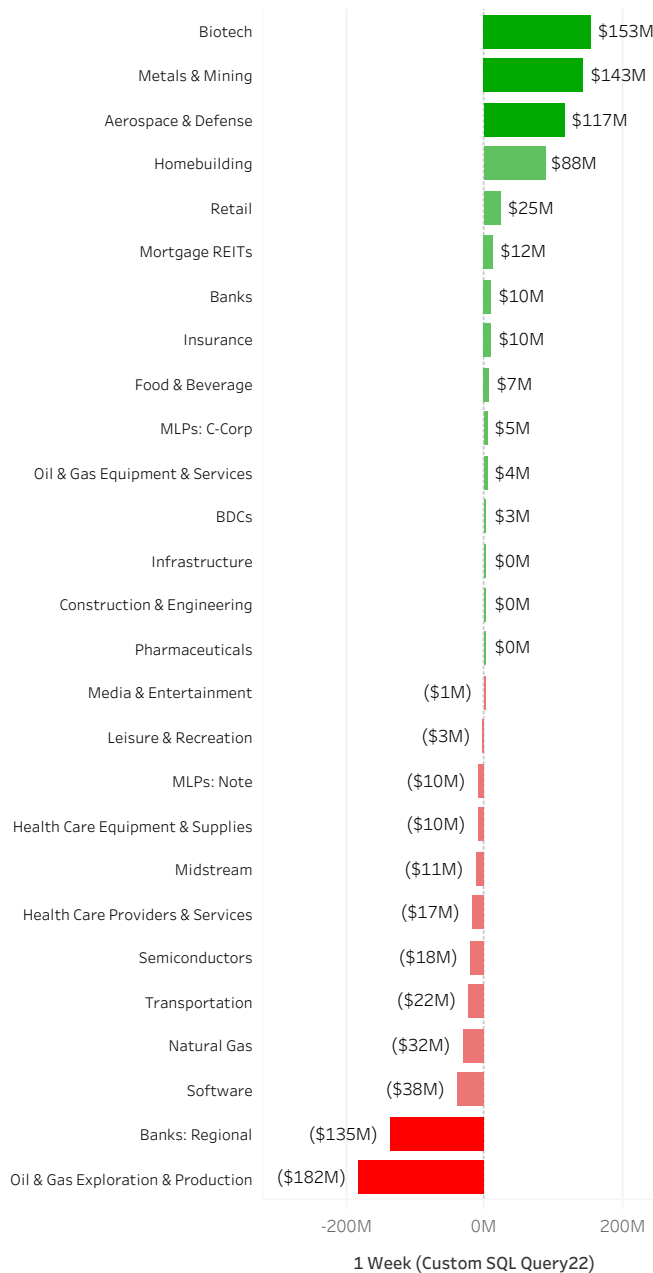
Ticker	Fund	1 Day Performance
PSJ	Invesco Dynamic Software ETF	0.08%
IHI	iShares U.S. Medical Devices ETF	0.15%
BIZD	VanEck BDC Income ETF	0.42%
PINK	Simplify Health Care ETF	0.61%
XBI	SPDR S&P BIOTECH ETF	0.78%
IHF	iShares U.S. Healthcare Providers ETF	0.78%
IYH	iShares U.S. Healthcare ETF	0.83%
FXH	First Trust Health Care AlphaDEX Fund	0.84%
VHT	Vanguard Health Care ETF	0.84%
RYH	Invesco S&P 500 Equal Weight Health Care ETF	0.86%

Sector & Industry Most Oversold

Ticker	Fund	1 Day Performance
IHF	iShares U.S. Healthcare Providers ETF	34.82
PSJ	Invesco Dynamic Software ETF	40.16
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	42.54
PXE	Invesco Dynamic Energy Exploration & Production ETF	43.06
PXI	Invesco DWA Energy Momentum ETF	43.07
FXN	First Trust Energy AlphaDEX Fund	43.27
FCG	First Trust Natural Gas ETF	43.33
PSCE	Invesco S&P SmallCap Energy ETF	45.56
IGV	iShares Expanded Tech-Software Sector ETF	45.88
IYW	iShares U.S. Technology ETF	45.98

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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	(\$56M)	\$165M	(\$322M)	(\$1,491M)
Consumer Discretionary	12	\$19B	\$124M	(\$475M)	(\$753M)	(\$6,234M)
Consumer Staples	10	\$30B	\$97M	\$1,839M	\$2,829M	\$7,537M
Energy	32	\$78B	(\$575M)	\$541M	(\$539M)	(\$1,685M)
Financials	26	\$58B	\$13M	\$419M	(\$623M)	(\$15,046M)
Health Care	23	\$96B	\$174M	\$3,231M	\$3,378M	\$10,343M
Industrial	13	\$30B	\$538M	\$1,380M	\$744M	(\$2,443M)
Materials	9	\$13B	\$128M	(\$84M)	(\$2,126M)	(\$1,827M)
Multi-Sector	19	\$13B	\$69M	(\$275M)	(\$1,831M)	(\$6,909M)
Real Estate	25	\$58B	(\$91M)	\$454M	(\$1,103M)	(\$5,568M)
Technology	23	\$108B	(\$45M)	\$2,145M	\$1,079M	(\$617M)
Utilities	9	\$26B	\$112M	(\$669M)	\$786M	\$5,562M

U.S. Sector & Industry Flow Leaders

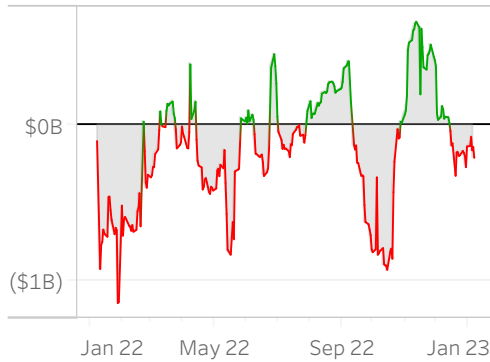
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLI	Industrial Select Sector SPDR Fund	\$421M	\$598M	\$236M	(\$2,908M)	\$13,831M
XLK	Technology Select Sector SPDR Fund	\$172M	\$999M	\$1,167M	\$1,295M	\$37,242M
XLF	Financial Select Sector SPDR Fund	\$160M	\$1,117M	\$395M	(\$8,549M)	\$31,843M
XBI	SPDR S&P BIOTECH ETF	\$150M	\$1,040M	\$657M	\$3,314M	\$8,193M
XME	SPDR S&P Metals & Mining ETF	\$143M	\$257M	(\$138M)	(\$7M)	\$2,093M
XLU	Utilities Select Sector SPDR Fund	\$118M	(\$490M)	\$415M	\$3,917M	\$16,210M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$118M	(\$381M)	(\$127M)	(\$2,528M)	\$12,692M
ITA	iShares U.S. Aerospace & Defense ETF	\$84M	\$557M	\$531M	\$2,008M	\$4,741M
VNQ	Vanguard Real Estate ETF	\$76M	(\$226M)	(\$1,198M)	(\$2,455M)	\$33,229M
XHB	SPDR S&P Homebuilders ETF	\$59M	(\$69M)	(\$132M)	(\$929M)	\$858M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	(\$294M)	(\$418M)	(\$80M)	(\$2,255M)	\$39,910M
IYR	iShares U.S. Real Estate ETF	(\$225M)	\$419M	(\$238M)	(\$2,521M)	\$3,590M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$169M)	\$310M	(\$385M)	(\$803M)	\$4,339M
KRE	SPDR S&P Regional Banking ETF	(\$133M)	(\$578M)	(\$493M)	(\$2,098M)	\$2,514M
VGT	Vanguard Information Technology ETF	(\$127M)	\$402M	(\$180M)	(\$17M)	\$38,263M
IGV	iShares Expanded Tech-Software Sector ETF	(\$38M)	(\$387M)	(\$55M)	\$701M	\$4,286M
PXI	Invesco DWA Energy Momentum ETF	(\$38M)	\$0M	(\$11M)	\$25M	\$204M
XLC	Communication Services Select Sector SPDR Fu..	(\$34M)	\$213M	(\$432M)	(\$1,239M)	\$8,112M
FCG	First Trust Natural Gas ETF	(\$32M)	(\$33M)	\$144M	\$276M	\$813M
VAW	Vanguard Materials ETF	(\$30M)	(\$31M)	(\$392M)	(\$821M)	\$2,810M

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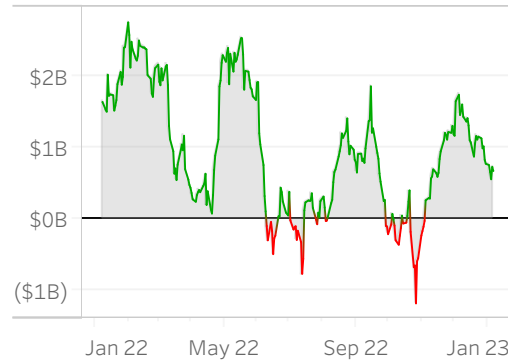
Communication Services



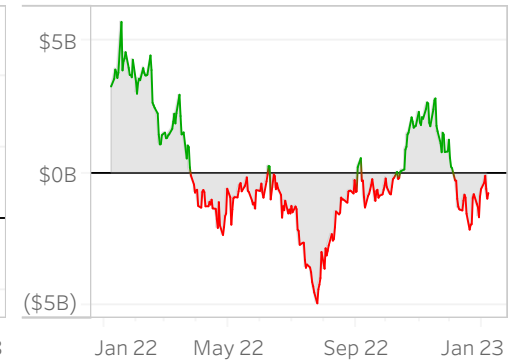
Consumer Discretionary



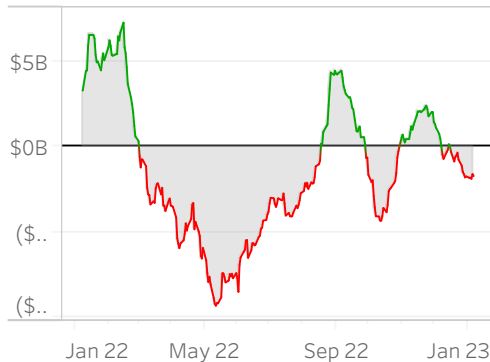
Consumer Staples



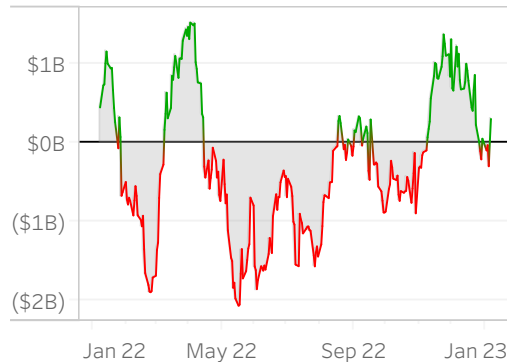
Energy



Financials



Industrial



Health Care



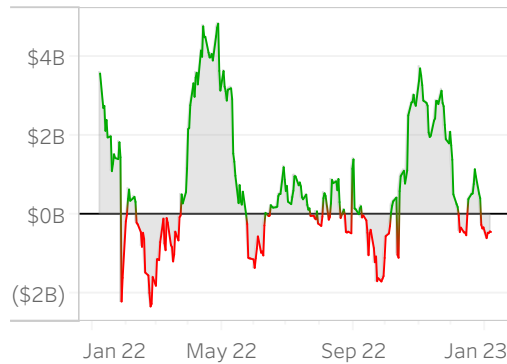
Materials



Real Estate



Technology



Utilities

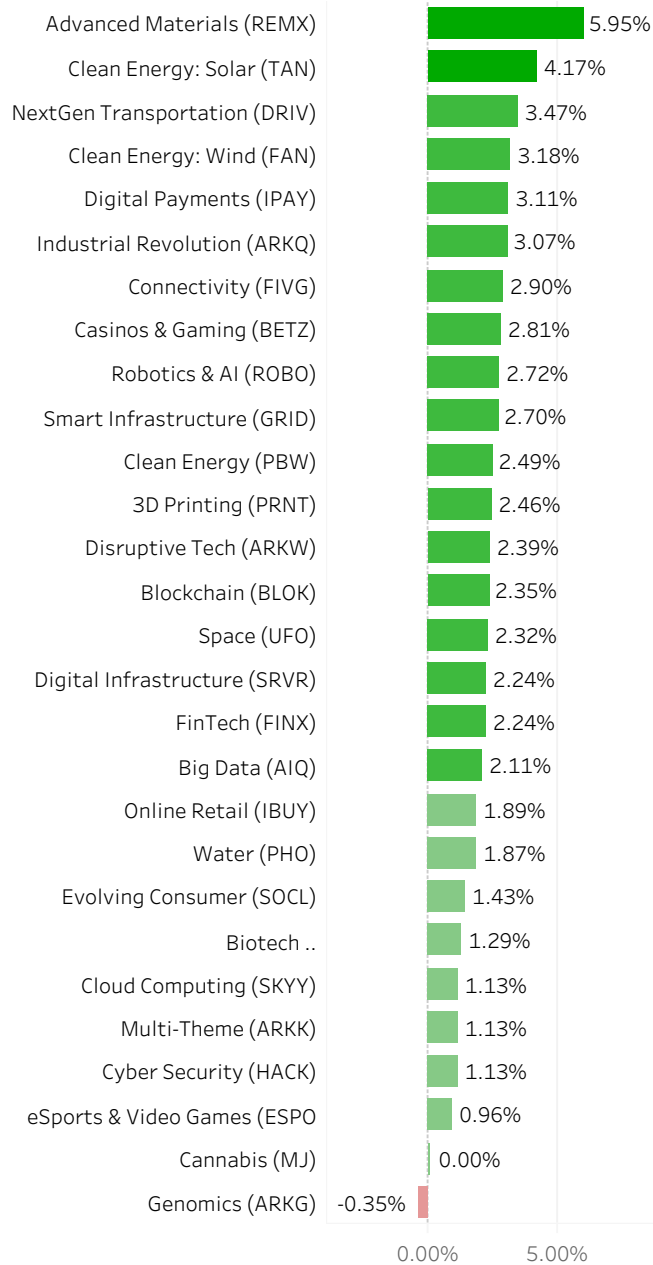


Multi-Sector



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Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	
REMX	VanEck Rare Earth/Strategic Metals ETF	5.95%
TAN	Invesco Solar ETF	4.17%
CTEC	Global X CleanTech ETF	3.81%
LIT	Global X Lithium & Battery Tech ETF	3.52%
BATT	Amplify Lithium & Battery Technology ETF	3.47%
DRIV	Global X Autonomous & Electric Vehicles ETF	3.47%
PBD	Invesco Global Clean Energy ETF	3.40%
ARKX	ARK Space Exploration & Innovation ETF	3.31%
SNSR	Global X Internet of Things ETF	3.27%
FAN	First Trust Global Wind Energy ETF	3.18%

Thematic Most Overbought

Ticker	Fund	
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	69.32
KWEB	KraneShares CSI China Internet ETF	68.90
SOCL	Global X Social Media ETF	68.16
AWAY	ETFMG Travel Tech ETF	66.97
LEGR	First Trust Indxx Innovative Transaction & Process ETF	62.61
BJK	VanEck Gaming ETF	61.14
FAN	First Trust Global Wind Energy ETF	60.96
UFO	Procore Space ETF	60.85
KGRN	KraneShares MSCI China Clean Technology Index ETF	60.79
HERO	Global X Video Games & Esports ETF	60.70

Global Thematic 1-Day Performance Laggards

Ticker	Fund	
MSOS	AdvisorShares Pure US Cannabis ETF	-2.20%
EDOC	Global X Telemedicine & Digital Health ETF Registered	-0.68%
KWEB	KraneShares CSI China Internet ETF	-0.55%
MJUS	ETFMG U.S. Alternative Harvest ETF	-0.51%
ARKG	ARK Genomic Revolution ETF	-0.35%
GNOM	Global X Genomics & Biotechnology ETF	-0.16%
IDNA	iShares Genomics Immunology and Healthcare ETF	-0.12%
MJ	ETFMG Alternative Harvest ETF	0.00%
HTEC	ROBO Global Healthcare Technology and Innovation E..	0.14%
BTEC	Principal Healthcare Innovators ETF	0.15%

Thematic Most Oversold

Ticker	Fund	
BUG	Global X Cybersecurity ETF	34.84
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	36.01
ACES	ALPS Clean Energy ETF	37.44
MSOS	AdvisorShares Pure US Cannabis ETF	37.53
MJUS	ETFMG U.S. Alternative Harvest ETF	37.73
YOLO	AdvisorShares Pure Cannabis ETF	39.36
MJ	ETFMG Alternative Harvest ETF	39.47
SKYY	First Trust Cloud Computing ETF	40.43
HACK	ETFMG Prime Cyber Security ETF	40.76
CIBR	First Trust NASDAQ Cybersecurity ETF	42.09

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

Thematic 1 Week Flow Leaders

Ticker	Fund	
KWEB	KraneShares CSI China Internet ETF	\$35M
GTEK	Goldman Sachs Future Tech Leaders Equity ETF	\$9M
TIME	Clockwise Capital Innovation ETF	\$5M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$5M
GBUY	Goldman Sachs Future Consumer Equity ETF	\$5M
ONLN	ProShares Online Retail ETF	\$4M
GCLN	Goldman Sachs Bloomberg Clean Energy Equity ETF	\$2M
BKCH	Global X Blockchain ETF	\$2M
RNRG	Global X Renewable Energy Producers ETF	\$1M
SAMT	Strategas Macro Thematic Opportunities ETF	\$1M

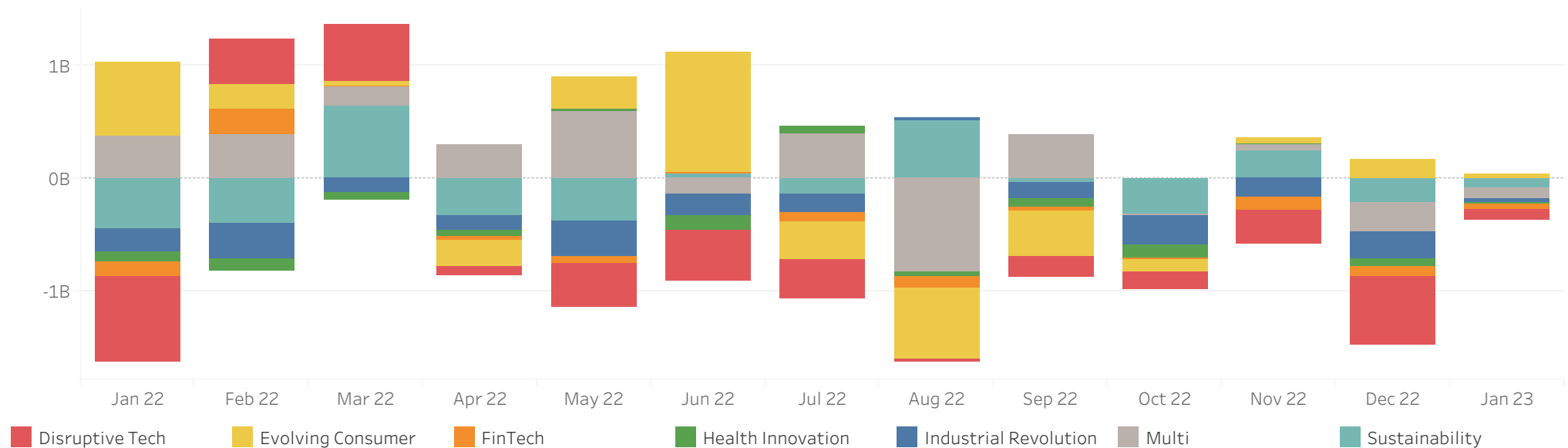
Thematic 1 Week Flow Laggards

Ticker	Fund	
ARKK	ARK Innovation ETF	(\$107M)
ICLN	iShares Global Clean Energy ETF	(\$51M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$29M)
BUG	Global X Cybersecurity ETF	(\$26M)
PBW	Invesco WilderHill Clean Energy ETF	(\$15M)
FINX	Global X FinTech ETF	(\$15M)
SKYY	First Trust Cloud Computing ETF	(\$14M)
TAN	Invesco Solar ETF	(\$11M)
IPAY	ETFMG Prime Mobile Payments ETF	(\$10M)
GDOC	Goldman Sachs Future Health Care Equity ETF	(\$9M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$14B	(\$90M)	(\$1,179M)	(\$1,586M)	(\$2,467M)
Evolving Consumer	46	\$11B	\$36M	\$155M	(\$1,362M)	\$808M
FinTech	21	\$2B	(\$43M)	(\$259M)	(\$464M)	(\$457M)
Health Innovation	19	\$3B	(\$14M)	(\$173M)	(\$388M)	(\$645M)
Industrial Revolution	32	\$10B	(\$41M)	(\$668M)	(\$926M)	(\$2,294M)
Multi	40	\$12B	(\$93M)	(\$225M)	(\$711M)	\$1,279M
Sustainability	40	\$17B	(\$89M)	(\$407M)	\$41M	(\$932M)
Grand Total	233	\$69B	(\$334M)	(\$2,756M)	(\$5,395M)	(\$4,706M)

Thematic Monthly Flows

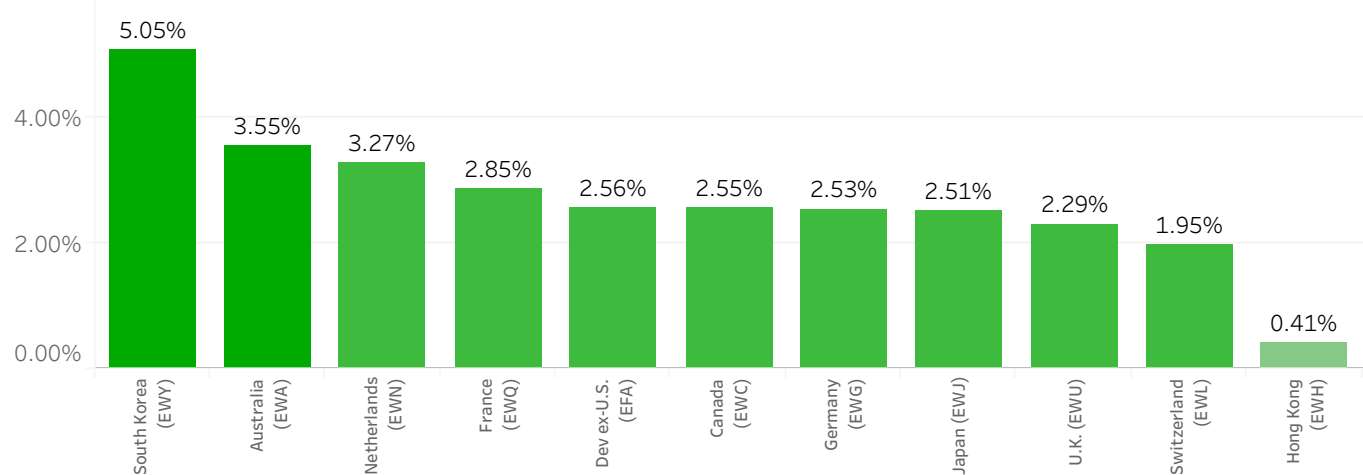


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

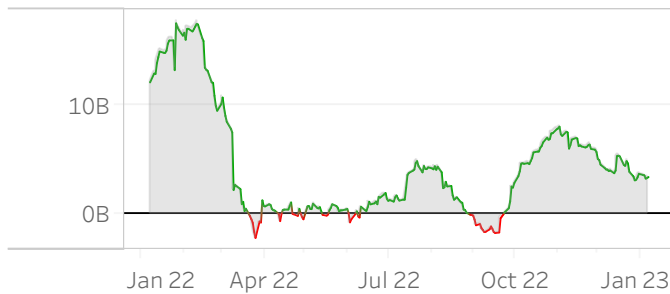
Developed ex-U.S. (EFA)



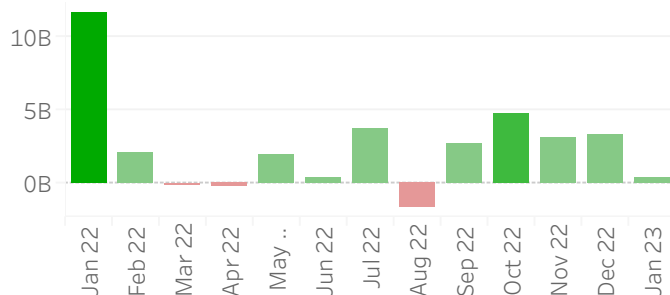
Developed ex-U.S. 1-Day Performance Top 10 Countries



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



Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EWY	iShares MSCI South Korea ETF	5.05%
FLKR	Franklin FTSE South Korea ETF	4.69%
EWA	iShares MSCI Australia ETF	3.55%
PIZ	Invesco DWA Developed Markets Momentum ETF	3.33%
IVAL	Alpha Architect International Quantitative Value ETF	3.32%
EWN	iShares MSCI Netherlands ETF	3.27%
GREK	Global X MSCI Greece ETF	3.19%
IDV	iShares International Select Dividend ETF	3.03%
FEZ	SPDR EURO STOXX 50 ETF	3.01%
ISDX	Invesco RAFI Strategic Developed ex-US ETF	2.95%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EWP	iShares MSCI Spain ETF	72.33
EIRL	iShares MSCI Ireland ETF	71.52
IMFL	Invesco International Developed Dynamic Multifactor ETF	70.74
IDV	iShares International Select Dividend ETF	68.88
AIA	iShares Asia 50 ETF	68.72
EWG	iShares MSCI Germany ETF	68.53
GREK	Global X MSCI Greece ETF	68.49
MINV	Matthews Asia Innovators Active ETF	67.71
EDEN	iShares MSCI Denmark ETF	67.62
DISV	Dimensional International Small Cap Value ETF	67.62

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

Ticker	Fund	1-Day Performance
EWH	iShares MSCI Hong Kong ETF	0.41%
LVHI	Franklin International Low Volatility High Dividend Index ..	0.50%
MINV	Matthews Asia Innovators Active ETF	0.62%
DXJ	WisdomTree Japan Hedged Equity Fund	1.22%
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	1.30%
HEFA	iShares Currency Hedged MSCI EAFE ETF	1.30%
EWS	iShares MSCI Singapore ETF	1.36%
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	1.37%
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	1.40%
ISRA	VanEck Israel ETF	1.44%

Developed ex-U.S. Most Oversold

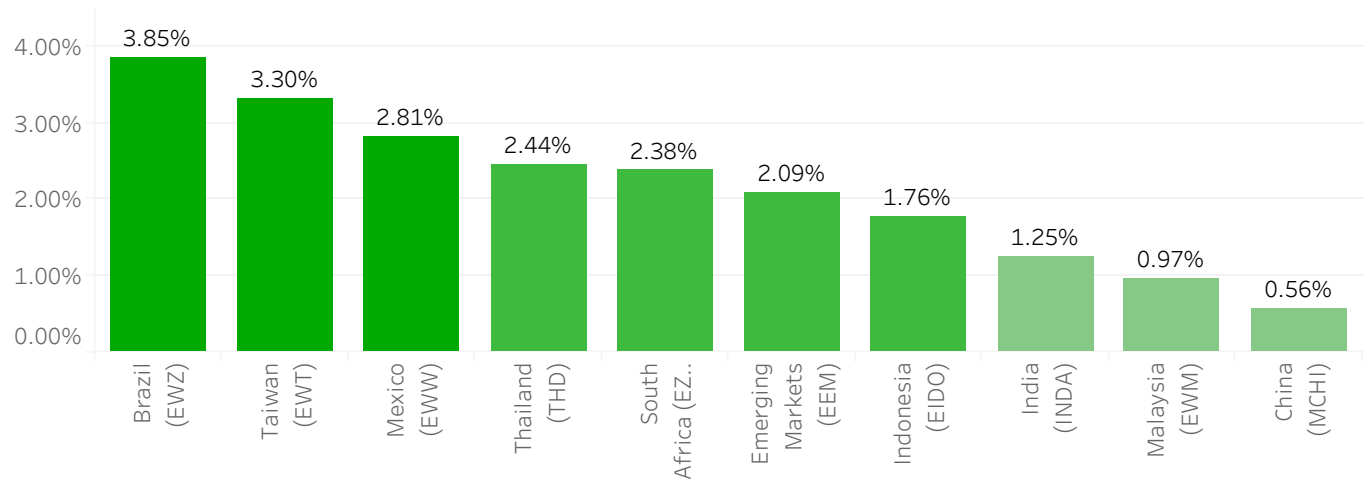
Ticker	Fund	Value
HEWJ	iShares Currency Hedged MSCI Japan ETF	24.91
IVAL	Alpha Architect International Quantitative Value ETF	39.21
DXJ	WisdomTree Japan Hedged Equity Fund	39.74
IMOM	Alpha Architect International Quantitative Moment..	41.15
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	43.23
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	43.79
NORW	Global X MSCI Norway ETF	45.74
EIS	iShares MSCI Israel ETF	45.97
HEFA	iShares Currency Hedged MSCI EAFE ETF	46.37
ISRA	VanEck Israel ETF	48.24

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Emerging (EEM)



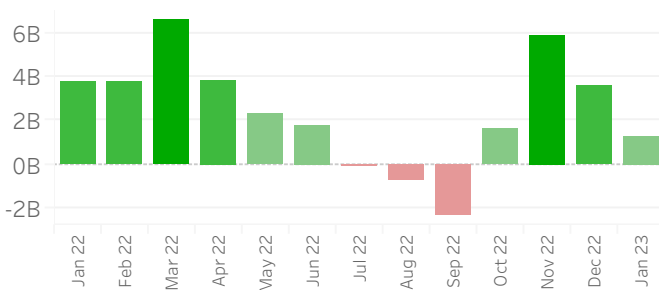
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
TUR	iShares MSCI Turkey ETF	4.90%
EWZS	iShares MSCI Brazil Small-Cap ETF	4.17%
EWZ	iShares MSCI Brazil ETF	3.85%
FLBR	Franklin FTSE Brazil ETF	3.69%
LDEM	iShares ESG MSCI EM Leaders ETF	3.64%
ILF	iShares Latin America 40 ETF	3.37%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	3.37%
EWT	iShares MSCI Taiwan ETF	3.30%
FLLA	Franklin FTSE Latin America ETF	3.27%
FRDM	Freedom 100 Emerging Markets ETF	3.03%

Emerging Most Overbought

Ticker	Fund	Value
EPU	iShares MSCI Peru ETF	71.95
EPOL	iShares MSCI Poland ETF	69.85
MCHI	iShares MSCI China ETF	69.84
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	69.41
FLCH	Franklin FTSE China ETF	69.09
THD	iShares MSCI Thailand ETF	68.99
GXC	SPDR S&P China ETF	68.99
ECNS	iShares MSCI China Small-Cap ETF	68.94
PXH	Invesco FTSE RAFI Emerging Markets ETF	68.72
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	68.47

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
PGJ	Invesco Golden Dragon China ETF	-0.83%
FNI	First Trust Chindia ETF	-0.24%
FXI	iShares China Large-Cap ETF	0.26%
MCHI	iShares MSCI China ETF	0.56%
EPHE	iShares MSCI Philippines ETF	0.69%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	0.78%
FLCH	Franklin FTSE China ETF	0.79%
GXC	SPDR S&P China ETF	0.81%
BKF	iShares MSCI BIC ETF	0.90%
EWM	iShares MSCI Malaysia ETF	0.97%

Emerging Most Oversold

Ticker	Fund	Value
PIN	Invesco India ETF	30.55
EIDO	iShares MSCI Indonesia ETF	40.37
INDY	iShares India 50 ETF	45.84
EWT	iShares MSCI Taiwan ETF	45.98
FLIN	Franklin FTSE India ETF	46.99
NFTY	First Trust India NIFTY 50 Equal Weight ETF	47.52
INDA	iShares MSCI India ETF	48.19
GLIN	VanEck India Growth Leaders ETF	48.49
EWZS	iShares MSCI Brazil Small-Cap ETF	49.67
KBA	KraneShares Bosera MSCI China A 50 Connect Index ..	49.71

*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	1.09%	0.52%	2.17%
SHY	1-3 Year Treasury Bonds	0.38%	0.53%	0.43%
IEF	7-10 Year Treasury Bonds	1.29%	0.30%	2.71%
TLT	20+ Year Treasury Bonds	1.84%	-1.42%	5.64%
TIP	TIPS Bonds	0.92%	-0.72%	1.37%
FLOT	Floating Rate Bonds	0.09%	0.86%	0.22%
LQD	Investment Grade Corporate	1.64%	0.10%	3.01%
HYG	High Yield Corporate	1.42%	1.82%	2.58%
BKLN	Senior Loan	0.96%	2.17%	2.05%
PFF	Preferred & Income Securities	1.46%	1.59%	4.55%
MUB	Municipal Bonds	0.39%	0.55%	1.04%
MBB	MBS	1.29%	1.07%	2.24%
EMB	Dollar Denominated EM Bonds	1.77%	1.70%	2.53%
LEMB	Local Currency EM Bond	1.64%	2.32%	1.67%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.94%	-1.17%	-4.51%
DBE	Energy	-0.10%	-3.14%	-7.32%
USO	WTI Crude Oil	0.08%	-0.61%	-7.53%
BNO	Brent Crude Oil	-0.23%	-1.53%	-8.70%
UNG	Natural Gas	-0.59%	-27.46%	-15.67%
UGA	Gasoline	-0.44%	4.23%	-9.24%
DBP	Precious Metals	1.94%	5.63%	1.65%
GLD	Gold	1.87%	5.38%	2.40%
SLV	Silver	2.48%	7.24%	-0.45%
PPLT	abrdn Physical Platin..	2.88%	10.04%	1.82%
PALL	abrdn Physical Palla..	3.23%	-2.78%	1.04%
DBB	Base Metals	2.18%	-2.04%	1.39%
CPER	Copper	2.63%	3.17%	3.03%
LD	Lead	0.48%	3.20%	-3.05%
JJN	Nickel	3.24%	-0.43%	-3.84%
JJU	Aluminum	2.29%	-8.03%	-3.82%
JJT	Tin	1.46%	1.64%	0.54%
DBA	Agriculture	-0.41%	0.13%	-2.93%
CORN	Corn	0.00%	1.49%	-3.71%
SOYB	Soybeans	1.08%	1.60%	-1.89%
WEAT	Wheat	-0.40%	1.48%	-5.76%
CANE	Sugar	-1.31%	-1.40%	-3.78%
BAL	Cotton	3.42%	1.52%	2.78%
NIB	Cocoa	-0.56%	6.32%	0.66%
JO	Coffee	-0.76%	-3.06%	-5.27%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-1.31%	-1.18%	0.32%
UDN	Short Dollar	1.15%	1.47%	-0.43%
FXE	Euro	1.18%	1.74%	-0.54%
FXB	British Pound Sterling	1.59%	-0.10%	0.26%
FXF	Swiss Franc	0.87%	1.37%	-0.40%
FXJ	Japanese Yen	0.97%	3.65%	-0.63%
FXC	Canadian Dollar	1.04%	1.74%	0.76%
FXA	Australian Dollar	2.07%	2.99%	1.17%

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