

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

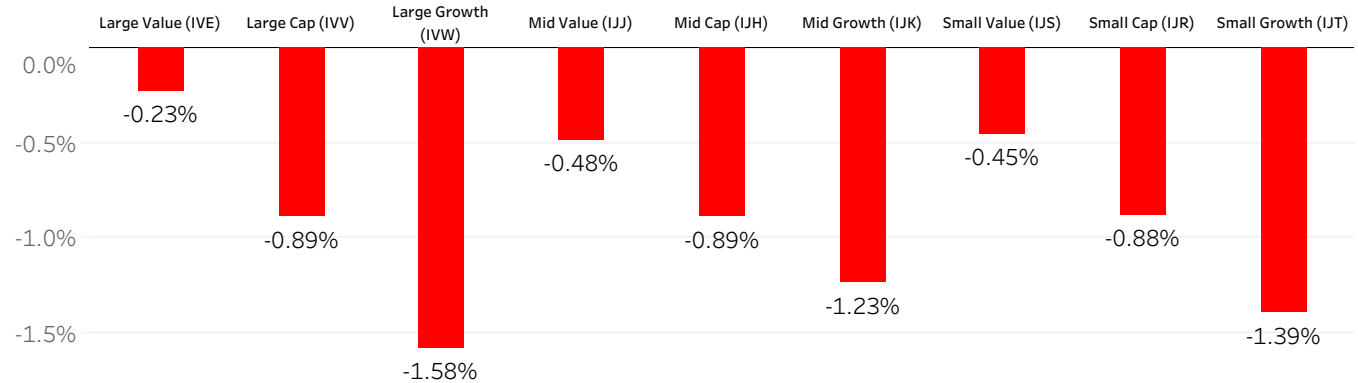


Small Cap Blend (S&P 600) IJR



■ 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
SPLV	Invesco S&P 500 Low Volatility ETF	0.52%
ALTL	Pacer Lunt Large Cap Alternator ETF	0.52%
DVOL	First Trust Dorsey Wright Momentum & Low Volatility E..	0.39%
XRLV	Invesco S&P 500 ex-Rate Sensitive Low Volatility ETF	0.30%
RDIV	Invesco S&P Ultra Dividend Revenue ETF	0.29%
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	0.27%
CDL	VictoryShares US Large Cap High Dividend Volatility Wt..	0.24%
SDY	SPDR S&P Dividend ETF	0.21%
HUSV	First Trust Horizon Managed Volatility Domestic ETF	0.20%
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	0.19%

Size & Style Most Overbought

Ticker	Fund	Price
NZUS	SPDR MSCI USA Climate Paris Aligned ETF	66.61
USNZ	Xtrackers Net Zero Pathway Paris Aligned US Equity ETF	63.98
SMIG	AAM Bahl & Gaynor Small/Mid Cap Income Growth ETF	61.93
PABU	iShares Paris-Aligned Climate MSCI USA ETF	61.20
QVMS	Invesco S&P SmallCap 600 QVM Multi-factor ETF	61.08
ISMD	Inspire Small/Mid Cap ESG ETF	60.62
IJT	iShares S&P Small-Cap 600 Growth ETF	60.41
SLYG	SPDR S&P 600 Small Cap Growth ETF	60.22
ACSI	American Customer Satisfaction ETF	60.11
SDVY	First Trust SMID Cap Rising Dividend Achievers ETF	59.86

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
IPO	Renaissance IPO ETF	-5.09%
BUZZ	VanEck Social Sentiment ETF	-3.88%
IWC	iShares Micro-Cap ETF	-2.65%
MMLG	First Trust Multi-Manager Large Growth ETF	-2.57%
JSML	Janus Henderson Small Cap Growth Alpha ETF	-2.40%
FFTY	Innovator IBD 50 ETF	-2.37%
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	-2.34%
LCG	Sterling Capital Focus Equity ETF	-2.16%
QQQJ	Invesco NASDAQ Next Gen 100 ETF	-2.14%
GURU	Global X Guru Index ETF	-2.10%

Size & Style Most Oversold

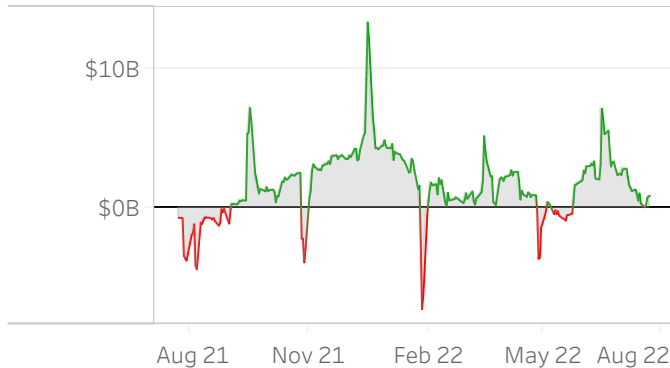
Ticker	Fund	Price
LGH	HCM Defender 500 Index ETF	32.83
QQH	HCM Defender 100 Index ETF	36.24
FFTY	Innovator IBD 50 ETF	39.77
ABEQ	Absolute Core Strategy ETF	41.18
LFEQ	VanEck Long/Flat Trend ETF	42.65
RUFF	Alpha Dog ETF	43.37
DJD	Invesco Dow Jones Industrial Average Dividend ETF	43.60
HDV	iShares Core High Dividend ETF	43.91
PEY	Invesco High Yield Equity Dividend Achievers ETF	44.01
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	45.10

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

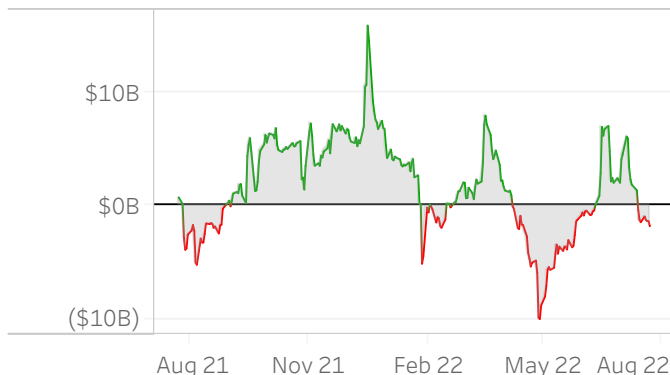
Large-Cap 30-Day Rolling Flows



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	\$1,213B	\$3.38B	\$32.35B	\$44.55B	\$129.28B
Large Cap, Beta Growth, Beta: Growth	10	\$225B	\$1.04B	\$7.95B	\$11.23B	\$16.06B
Large Cap, Beta Growth, Beta: Value	11	\$211B	(\$0.74B)	\$4.43B	\$14.03B	\$26.72B
Mid Cap, Beta, Beta	10	\$172B	\$0.11B	\$2.78B	\$4.54B	\$12.51B
Mid Cap, Beta, Beta: Growth	6	\$32B	\$0.06B	\$0.31B	(\$0.04B)	\$0.70B
Mid Cap, Beta, Beta: Value	6	\$38B	\$0.10B	(\$0.06B)	(\$0.33B)	\$0.84B
Small Cap, Beta, Beta	13	\$187B	\$0.73B	(\$3.98B)	(\$5.67B)	\$7.46B
Small Cap, Beta, Beta: Growth	7	\$31B	(\$0.08B)	\$0.59B	\$0.77B	\$1.34B
Small Cap, Beta, Beta: Value	7	\$49B	(\$1.09B)	(\$1.01B)	(\$4.13B)	(\$2.55B)

U.S. Size & Style Flow Leaders

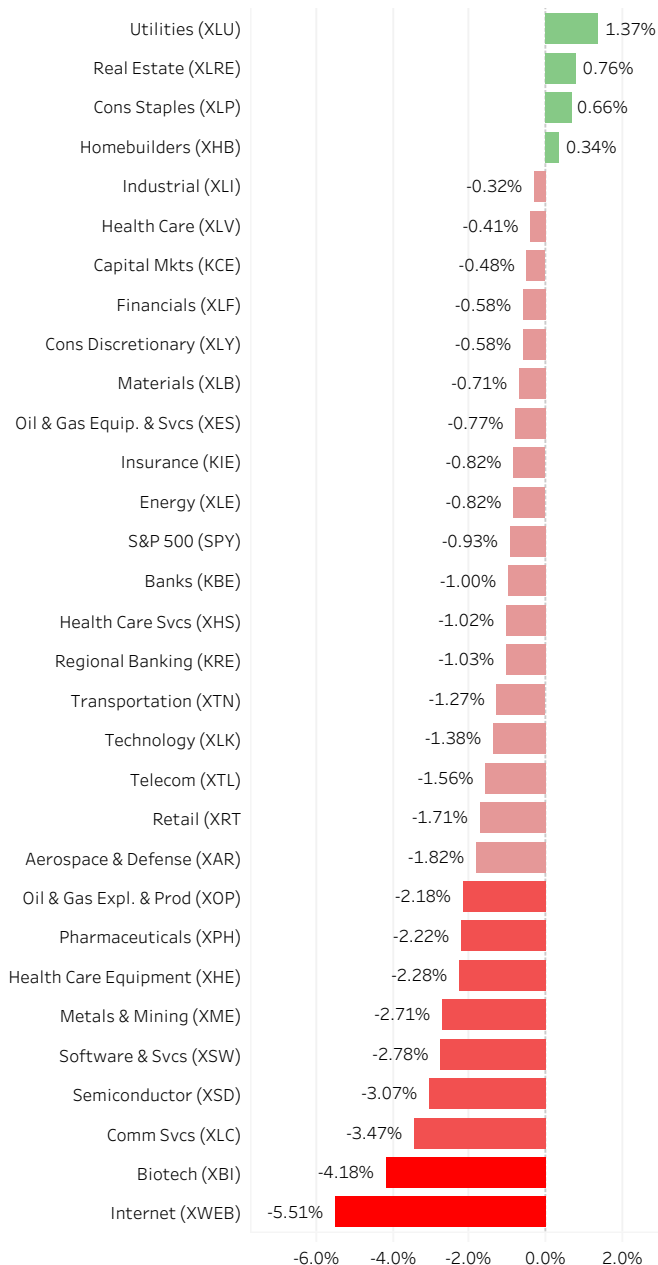
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IJR	iShares Core S&P Small Cap ETF	\$0.98B	(\$0.26B)	(\$0.20B)	\$4.62B	\$65.02B
QQQ	Invesco QQQ Trust	\$0.82B	\$5.00B	\$7.98B	\$21.97B	\$170.24B
IVV	iShares Core S&P 500 ETF	\$0.73B	\$13.21B	\$18.20B	\$29.44B	\$296.23B
VOO	Vanguard S&P 500 ETF	\$0.70B	\$14.15B	\$26.52B	\$43.77B	\$261.45B
SPYG	SPDR Portfolio S&P 500 Growth ETF	\$0.69B	\$1.09B	\$1.46B	\$1.96B	\$13.43B
SPY	SPDR S&P 500 ETF Trust	\$0.46B	(\$2.55B)	(\$13.97B)	\$19.51B	\$361.77B
USMV	iShares MSCI USA Min Vol Factor ETF	\$0.46B	\$0.71B	\$0.49B	\$0.67B	\$27.34B
SPLV	Invesco S&P 500 Low Volatility ETF	\$0.45B	\$0.94B	\$1.42B	\$2.55B	\$10.12B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.38B	\$0.91B	\$2.55B	\$4.08B	\$14.12B
VTI	Vanguard Total Stock Market ETF	\$0.33B	\$4.17B	\$10.43B	\$35.80B	\$260.77B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IJS	iShares S&P Small-Cap 600 Value ETF	(\$0.94B)	\$0.38B	(\$0.46B)	(\$0.72B)	\$7.43B
HDV	iShares Core High Dividend ETF	(\$0.71B)	\$3.11B	\$4.97B	\$5.18B	\$12.22B
IWD	iShares Russell 1000 Value ETF	(\$0.59B)	\$0.38B	(\$0.78B)	\$1.36B	\$51.11B
MTUM	iShares MSCI USA Momentum Factor ETF	(\$0.55B)	(\$0.34B)	(\$1.08B)	(\$3.27B)	\$9.69B
QUAL	iShares MSCI USA Quality Factor ETF	(\$0.49B)	(\$1.06B)	(\$0.46B)	(\$1.03B)	\$19.11B
IWM	iShares Russell 2000 ETF	(\$0.34B)	(\$0.94B)	(\$4.38B)	(\$1.62B)	\$52.73B
OMFL	Invesco Russell 1000 Dynamic Multifactor ETF	(\$0.13B)	\$0.07B	\$0.21B	\$0.60B	\$1.92B
VLUE	iShares MSCI USA Value Factor ETF	(\$0.12B)	(\$2.32B)	(\$5.06B)	(\$5.65B)	\$8.99B
IWL	iShares Russell Top 200 ETF	(\$0.12B)	(\$0.11B)	(\$0.06B)	(\$0.06B)	\$0.81B
IWY	iShares Russell Top 200 Growth ETF	(\$0.11B)	\$0.32B	\$0.75B	\$1.19B	\$4.64B

* 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	-9.10%	8.29%	1.14%	-1.78%	53.41
XLP	Consumer Staples Select Sector SPDR Fund	-9.15%	6.40%	0.91%	-1.64%	55.04
XLU	Utilities Select Sector SPDR Fund	-9.78%	9.24%	-1.63%	-0.79%	48.93
XLI	Industrial Select Sector SPDR Fund	-15.56%	5.79%	0.54%	-8.57%	57.56
XLB	Materials Select Sector SPDR Fund	-17.16%	5.82%	-4.50%	-11.07%	49.79
SPY	SPDR S&P 500 ETF Trust	-17.30%	7.99%	1.15%	-8.98%	56.78
XLRE	Real Estate Select Sector SPDR Fund	-18.43%	8.78%	1.17%	-8.51%	57.61
XLF	Financial Select Sector SPDR Fund	-20.93%	6.54%	-0.07%	-11.85%	55.42
XLK	Technology Select Sector SPDR Fund	-22.32%	11.12%	3.37%	-9.81%	59.36
XLE	Energy Select Sector SPDR Fund	-22.90%	55.38%	-9.37%	2.47%	44.72
XLY	Consumer Discretionary Select Sector SPDR Fund	-26.80%	14.94%	6.52%	-12.70%	64.56
XLC	Communication Services Select Sector SPDR Fund	-34.93%	5.48%	-1.38%	-17.97%	49.18

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XLU	Utilities Select Sector SPDR Fund	1.37%
FUTY	Fidelity MSCI Utilities Index ETF	1.29%
VPU	Vanguard Utilities ETF	1.28%
RYU	Invesco S&P 500 Equal Weight Utilities ETF	1.17%
IDU	iShares U.S. Utilities ETF	1.16%
ITB	iShares U.S. Home Construction ETF	1.02%
EWRE	Invesco S&P 500 Equal Weight Real Estate ETF	0.90%
IYK	iShares U.S. Consumer Staples ETF	0.88%
REZ	iShares Residential and Multisector Real Estate E..	0.83%
INDS	Pacer Benchmark Industrial Real Estate SCTR ETF	0.79%

Sector & Industry Most Overbought

Ticker	Fund	Value
ITB	iShares U.S. Home Construction ETF	70.10
PKB	Invesco Dynamic Building & Construction ETF	68.48
XHB	SPDR S&P Homebuilders ETF	68.39
XHS	SPDR S&P Health Care Services ETF	65.84
XLY	Consumer Discretionary Select Sector SPDR Fund	64.56
FDIS	Fidelity MSCI Consumer Discretionary Index ETF	63.61
VCR	Vanguard Consumer Discretionary ETF	63.52
IYC	iShares U.S. Consumer Discretionary ETF	63.14
IAI	iShares U.S. Broker-Dealers & Securities Exchanges ETF	62.97
PSCT	Invesco S&P SmallCap Information Technology ETF	62.32

Sector & Industry 1 Day Performance Laggards

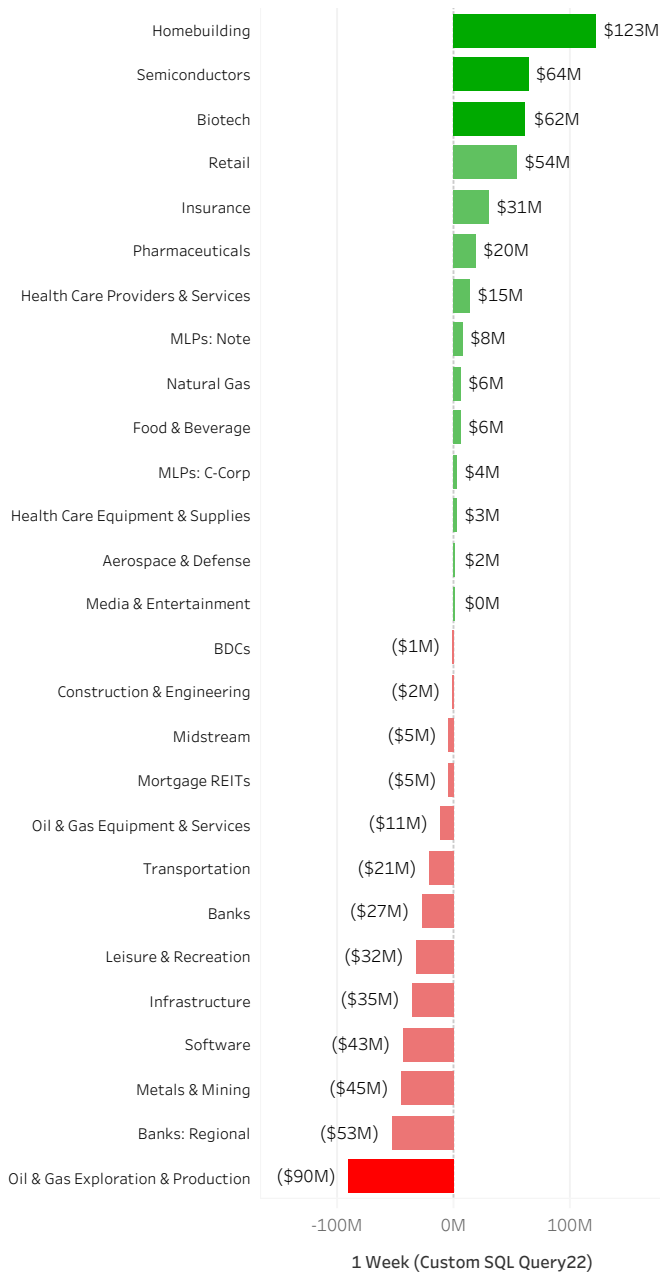
Ticker	Fund	1 Day Performance
FDN	First Trust Dow Jones Internet Index Fund	-4.21%
XBI	SPDR S&P BIOTECH ETF	-4.18%
FCOM	Fidelity MSCI Communication Services Index ETF	-3.72%
PNQI	Invesco NASDAQ Internet ETF	-3.71%
VOX	Vanguard Communication Services ETF	-3.70%
XLC	Communication Services Select Sector SPDR Fund	-3.47%
XSD	SPDR S&P Semiconductor ETF	-3.07%
XNTK	SPDR NYSE Technology ETF	-2.93%
PSI	Invesco Dynamic Semiconductors ETF	-2.87%
XSW	SPDR S&P Software & Services ETF	-2.78%

Sector & Industry Most Oversold

Ticker	Fund	Value
KBWP	Invesco KBW Property & Casualty Insurance ETF	38.16
XES	SPDR S&P Oil & Gas Equipment & Services ETF	38.82
IAK	iShares U.S. Insurance ETF	42.94
PSCE	Invesco S&P SmallCap Energy ETF	43.40
RYE	Invesco S&P 500 Equal Weight Energy ETF	43.65
XME	SPDR S&P Metals & Mining ETF	44.31
XLE	Energy Select Sector SPDR Fund	44.72
PXE	Invesco Dynamic Energy Exploration & Production ETF	44.95
VRAI	Virtus Real Asset Income ETF	45.18
IYM	iShares U.S. Basic Materials ETF	45.23

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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	9	\$14B	(\$135M)	(\$100M)	(\$627M)	(\$181M)
Consumer Discretionary	13	\$23B	\$134M	(\$2,697M)	(\$5,554M)	(\$4,976M)
Consumer Staples	12	\$27B	(\$176M)	\$854M	\$3,791M	\$5,966M
Energy	34	\$68B	(\$432M)	(\$4,064M)	(\$3,053M)	\$1,005M
Financials	28	\$56B	(\$349M)	(\$10,385M)	(\$18,090M)	(\$9,089M)
Health Care	26	\$92B	(\$35M)	\$3,988M	\$7,709M	\$13,195M
Industrial	14	\$27B	(\$70M)	(\$2,749M)	(\$2,951M)	(\$5,500M)
Materials	10	\$14B	(\$209M)	(\$2,624M)	(\$462M)	(\$1,627M)
Multi-Sector	19	\$15B	(\$11M)	(\$336M)	(\$4,749M)	(\$3,108M)
Real Estate	24	\$67B	(\$424M)	(\$2,908M)	(\$4,909M)	\$2,815M
Technology	24	\$123B	\$35M	(\$1,307M)	(\$1,512M)	\$3,899M
Utilities	10	\$25B	(\$470M)	\$2,220M	\$4,364M	\$5,538M

U.S. Sector & Industry Flow Leaders

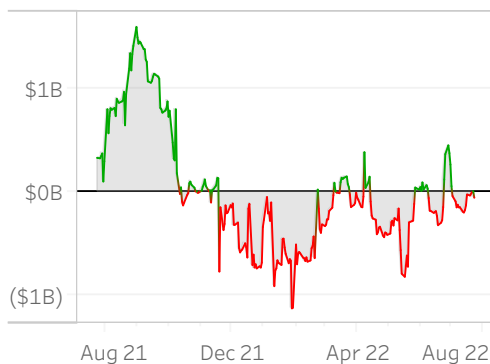
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XBI	SPDR S&P BIOTECH ETF	\$177M	\$1,220M	\$2,597M	\$3,431M	\$7,981M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$104M	(\$1,266M)	(\$2,520M)	(\$1,376M)	\$15,052M
ITB	iShares U.S. Home Construction ETF	\$88M	(\$49M)	(\$912M)	(\$450M)	\$1,388M
SOXX	iShares Semiconductor ETF	\$59M	(\$392M)	(\$163M)	\$1,241M	\$7,153M
XRT	SPDR S&P Retail ETF	\$57M	(\$325M)	(\$131M)	(\$471M)	\$415M
XHB	SPDR S&P Homebuilders ETF	\$34M	(\$185M)	(\$791M)	(\$411M)	\$1,019M
XLK	Technology Select Sector SPDR Fund	\$32M	(\$496M)	\$332M	\$1,463M	\$41,321M
KIE	SPDR S&P Insurance ETF	\$30M	\$117M	\$117M	\$45M	\$521M
IYK	iShares U.S. Consumer Staples ETF	\$20M	\$305M	\$557M	\$629M	\$1,351M
IHE	iShares U.S. Pharmaceuticals ETF	\$20M	\$50M	\$60M	\$70M	\$458M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLU	Utilities Select Sector SPDR Fund	(\$473M)	\$1,700M	\$2,775M	\$3,580M	\$15,772M
VNQ	Vanguard Real Estate ETF	(\$289M)	(\$2,175M)	(\$1,956M)	\$989M	\$39,081M
XLE	Energy Select Sector SPDR Fund	(\$193M)	(\$1,312M)	(\$2,794M)	(\$649M)	\$33,200M
XLF	Financial Select Sector SPDR Fund	(\$184M)	(\$6,089M)	(\$10,825M)	(\$5,904M)	\$29,231M
XLP	Consumer Staples Select Sector SPDR Fund	(\$178M)	(\$375M)	\$1,145M	\$2,562M	\$15,078M
XLV	Health Care Select Sector SPDR Fund	(\$170M)	\$2,579M	\$4,976M	\$8,142M	\$39,073M
IBB	iShares Biotechnology ETF	(\$115M)	\$49M	(\$264M)	(\$166M)	\$8,140M
VDE	Vanguard Energy ETF	(\$106M)	(\$657M)	(\$903M)	(\$326M)	\$6,982M
XLB	Materials Select Sector SPDR Fund	(\$93M)	(\$964M)	(\$1,210M)	(\$2,082M)	\$5,929M
IYR	iShares U.S. Real Estate ETF	(\$88M)	(\$368M)	(\$1,959M)	(\$622M)	\$4,181M

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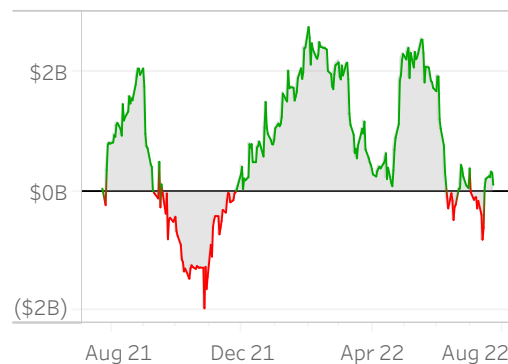
Communication Services



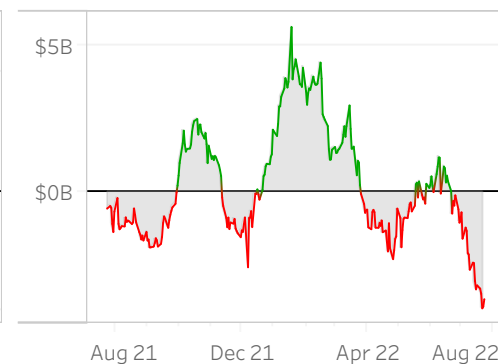
Consumer Discretionary



Consumer Staples



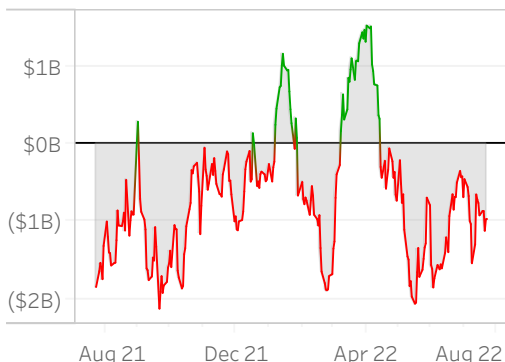
Energy



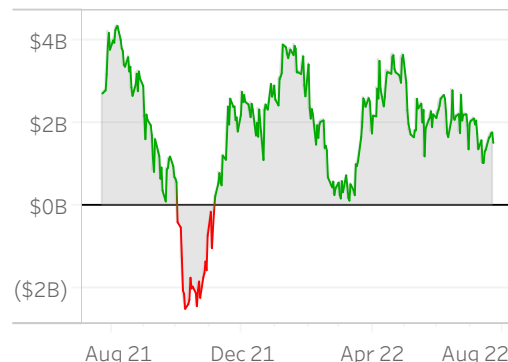
Financials



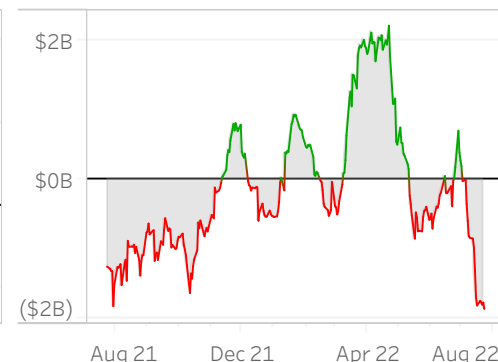
Industrial



Health Care



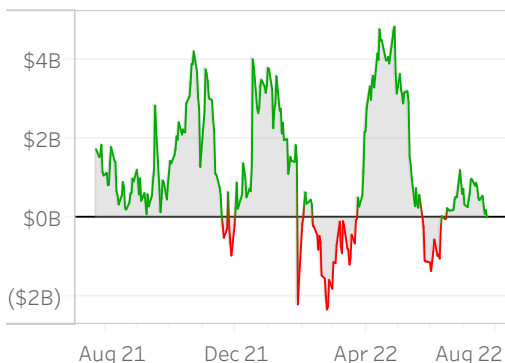
Materials



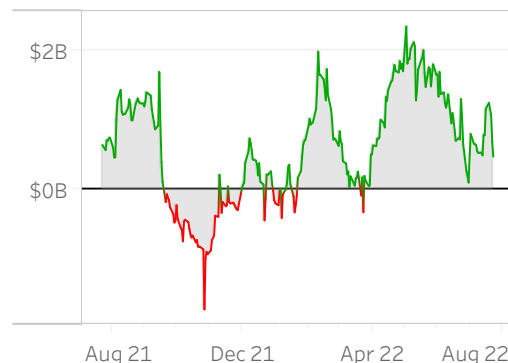
Real Estate



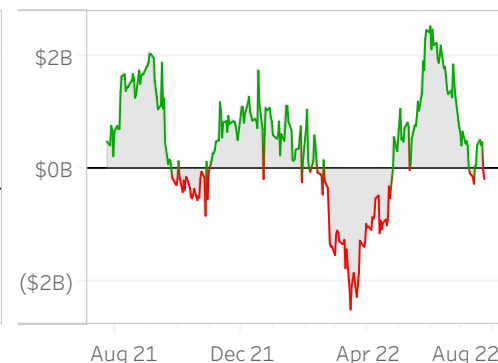
Technology



Utilities

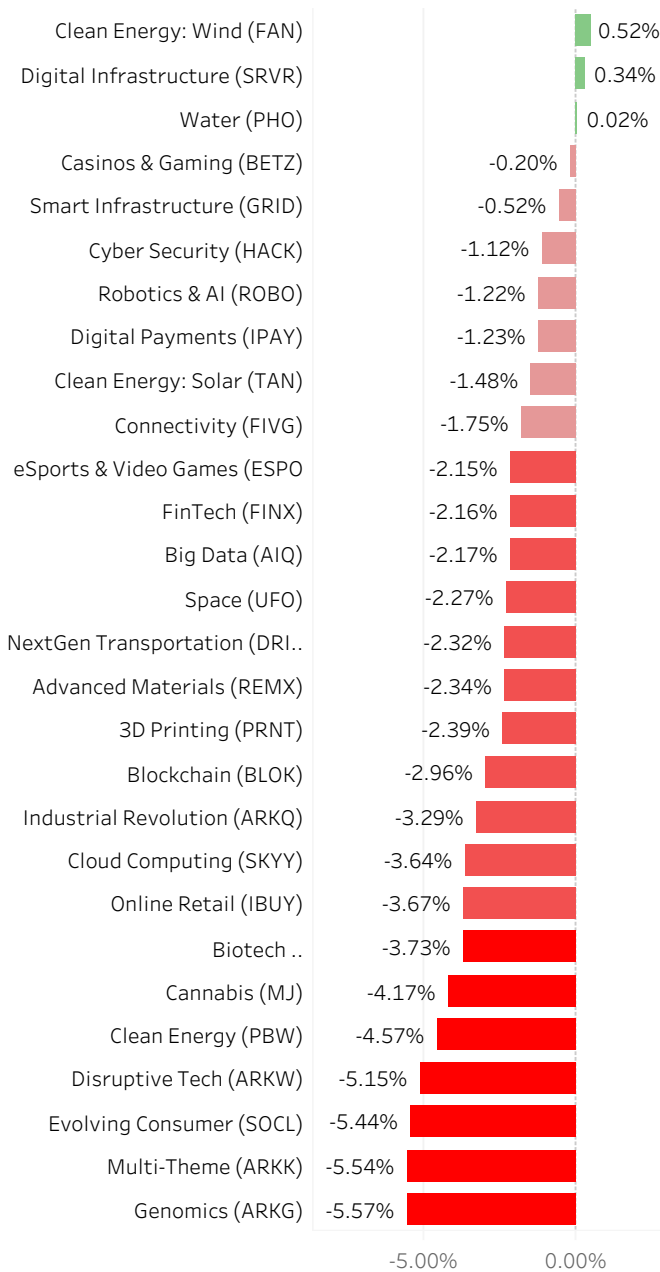


Multi-Sector

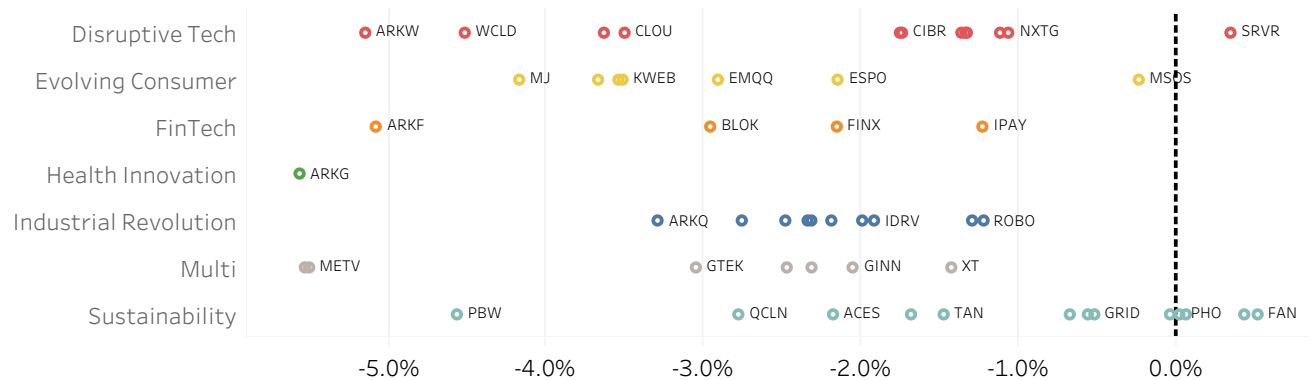


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
RNRG	Global X Funds Global X Renewable Energy Producers ETF	0.56%
FAN	First Trust Global Wind Energy ETF	0.52%
CGW	Invesco S&P Global Water Index ETF	0.43%
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR..	0.34%
EBLU	Ecofin Global Water ESG Fund	0.31%
PIO	Invesco Global Water ETF	0.06%
PHO	Invesco Water Resources ETF	0.02%
FIW	First Trust Water ETF	-0.04%
VPN	Global X Data Center REITs & Digital Infrastructure ETF	-0.08%
KLDW	Knowledge Leaders Developed World ETF	-0.13%

Thematic Most Overbought

Ticker	Fund	Price
PHO	Invesco Water Resources ETF	63.38
FIW	First Trust Water ETF	63.15
CGW	Invesco S&P Global Water Index ETF	62.65
EBLU	Ecofin Global Water ESG Fund	61.92
SNSR	Global X Internet of Things ETF	61.74
KLDW	Knowledge Leaders Developed World ETF	61.31
MSOS	AdvisorShares Pure US Cannabis ETF	61.23
PIO	Invesco Global Water ETF	60.55
ROBO	ROBO Global Robotics & Automation Index ETF	59.90
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	59.76

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
BKCH	Global X Blockchain ETF	-6.22%
POTX	Global X Cannabis ETF	-6.06%
BITQ	Bitwise Crypto Industry Innovators ETF	-5.62%
ARKG	ARK Genomic Revolution ETF	-5.57%
ARKK	ARK Innovation ETF	-5.54%
METV	Roundhill Ball Metaverse ETF	-5.51%
SOCL	Global X Social Media ETF	-5.44%
ARKW	ARK Next Generation Internet ETF	-5.15%
ARKF	ARK Fintech Innovation ETF	-5.08%
PBW	Invesco WilderHill Clean Energy ETF	-4.57%

Thematic Most Oversold

Ticker	Fund	Price
AWAY	ETFMG Travel Tech ETF	41.45
KGRN	KraneShares MSCI China Clean Technology Index ETF	41.97
KWEB	KraneShares CSI China Internet ETF	44.99
MJ	ETFMG Alternative Harvest ETF	45.88
SOCL	Global X Social Media ETF	46.12
POTX	Global X Cannabis ETF	47.74
BATT	Amplify Lithium & Battery Technology ETF	48.19
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	48.75
REMX	VanEck Rare Earth/Strategic Metals ETF	48.92
YOLO	AdvisorShares Pure Cannabis ETF	49.46

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Thematic 1 Week Flow Leaders

Ticker	Fund	
ARKK	ARK Innovation ETF	\$193M
MSOS	AdvisorShares Pure US Cannabis ETF	\$33M
WCLD	WisdomTree Cloud Computing Fund	\$15M
GINN	Goldman Sachs Innovate Equity ETF	\$13M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$12M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$8M
FIVG	Defiance Next Gen Connectivity ETF	\$6M
MJ	ETFMG Alternative Harvest ETF	\$6M
KGRN	KraneShares MSCI China Clean Technology Index ETF	\$4M
SAMT	Strategas Macro Thematic Opportunities ETF	\$4M

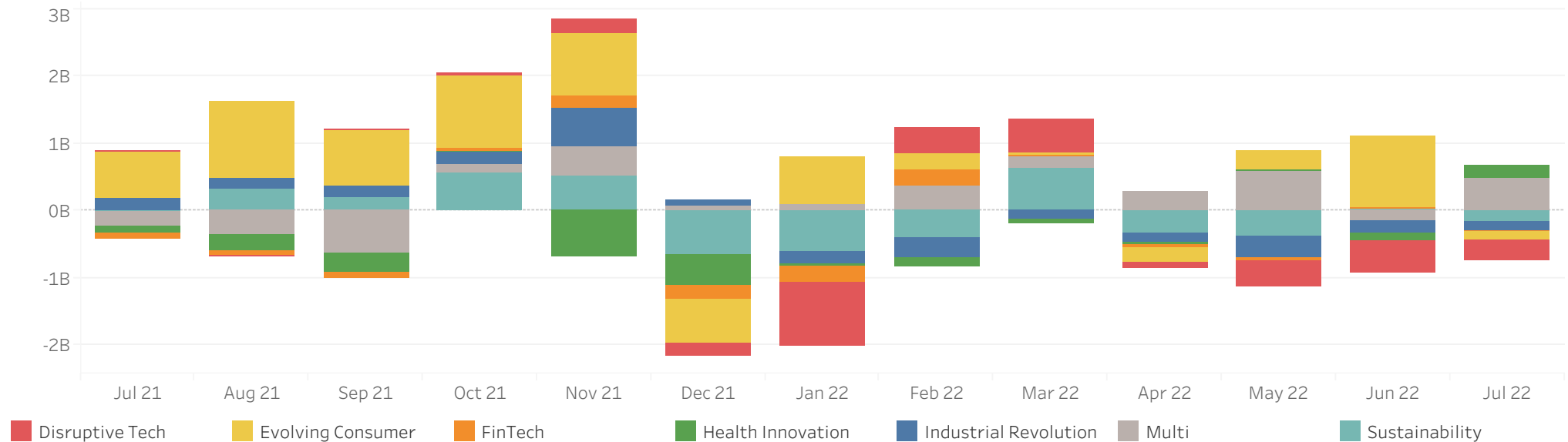
Thematic 1 Week Flow Laggards

Ticker	Fund	
KWEB	KraneShares CSI China Internet ETF	(\$164M)
TAN	Invesco Solar ETF	(\$97M)
HERO	Global X Video Games & Esports ETF	(\$32M)
IDRV	iShares Self-driving EV & Tech ETF	(\$15M)
ICLN	iShares Global Clean Energy ETF	(\$14M)
GTEK	Goldman Sachs Future Tech Leaders Equity ETF	(\$13M)
SKYY	First Trust Cloud Computing ETF	(\$11M)
LIT	Global X Lithium & Battery Tech ETF	(\$10M)
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	(\$10M)
REMX	VanEck Rare Earth/Strategic Metals ETF	(\$9M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$19B	(\$12M)	(\$1,179M)	(\$474M)	(\$1,235M)
Evolving Consumer	48	\$12B	(\$110M)	\$1,118M	\$1,207M	\$6,013M
FinTech	24	\$3B	\$0M	(\$109M)	\$102M	(\$310M)
Health Innovation	19	\$4B	\$11M	\$72M	(\$80M)	(\$1,916M)
Industrial Revolution	32	\$12B	(\$18M)	(\$696M)	(\$1,235M)	(\$77M)
Multi	42	\$17B	\$191M	\$1,182M	\$1,960M	\$1,271M
Sustainability	42	\$18B	(\$79M)	(\$696M)	(\$691M)	(\$253M)
Grand Total	242	\$86B	(\$17M)	(\$308M)	\$791M	\$3,493M

Thematic Monthly Flows

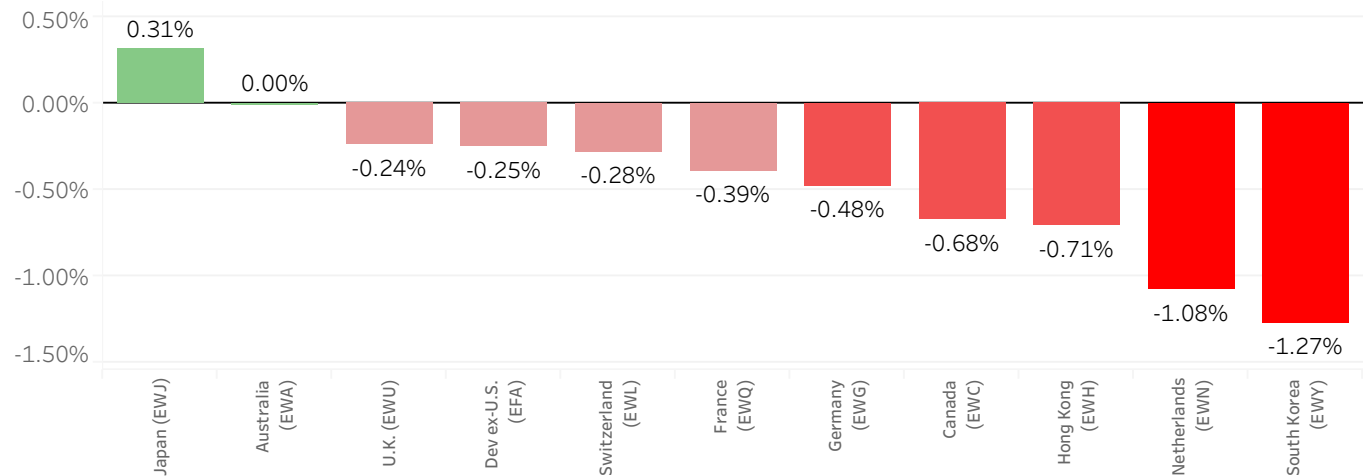


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

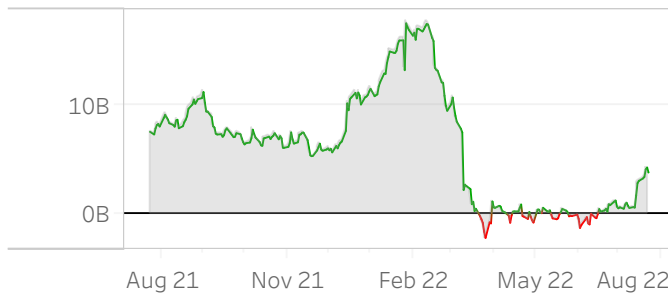
Developed ex-U.S. (EFA)



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



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



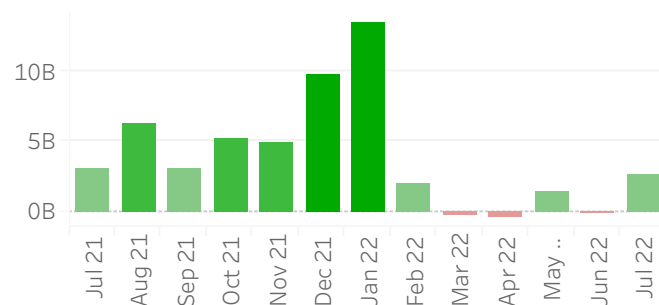
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
WPS	iShares International Developed Property ETF	1.62%
SCJ	iShares MSCI Japan Small-Cap ETF	0.65%
DFJ	WisdomTree Japan SmallCap Dividend Fund	0.65%
PTIN	Pacer Trendpilot International ETF	0.34%
EWJV	iShares MSCI Japan Value ETF	0.34%
FLJP	Franklin FTSE Japan ETF	0.33%
EWJ	iShares MSCI Japan ETF	0.31%
JPXN	iShares JPX-Nikkei 400 ETF	0.30%
BBJP	JPMorgan BetaBuilders Japan ETF	0.22%
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	0.19%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
DFJ	WisdomTree Japan SmallCap Dividend Fund	62.53
SCJ	iShares MSCI Japan Small-Cap ETF	61.42
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	61.10
EFG	iShares MSCI EAFE Growth ETF	60.62
PTIN	Pacer Trendpilot International ETF	60.41
BBJP	JPMorgan BetaBuilders Japan ETF	60.05
EWN	iShares MSCI Netherlands ETF	59.79
EWJ	iShares MSCI Japan ETF	59.62
EFAD	ProShares MSCI EAFE Dividend Growers ETF	59.50
JPXN	iShares JPX-Nikkei 400 ETF	59.38

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
ISRA	VanEck Israel ETF	-1.71%
AIA	iShares Asia 50 ETF	-1.69%
GREK	Global X MSCI Greece ETF	-1.28%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	-1.27%
EWJ	iShares MSCI Japan ETF	-1.27%
EWY	iShares MSCI South Korea ETF	-1.27%
EIS	iShares MSCI Israel ETF	-1.21%
CIL	VictoryShares International Volatility Wtd ETF	-1.16%
EWN	iShares MSCI Netherlands ETF	-1.08%
FLKR	Franklin FTSE South Korea ETF	-1.03%

Developed ex-U.S. Most Oversold

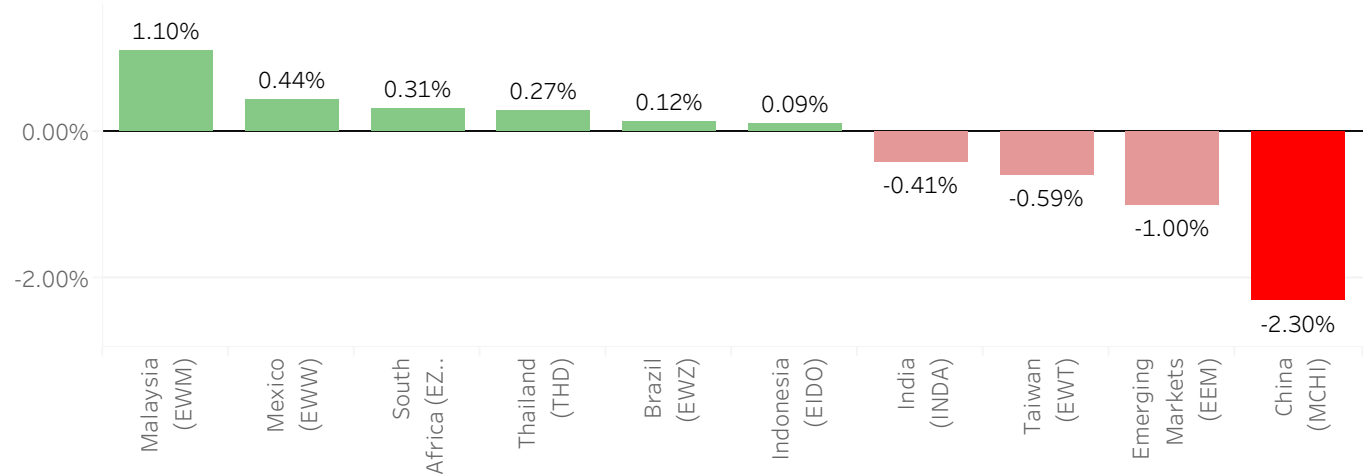
Ticker	Fund	Value
EWH	iShares MSCI Hong Kong ETF	39.17
DTH	WisdomTree International High Dividend Fund	41.32
FIDI	Fidelity International High Dividend ETF	42.54
EWI	iShares MSCI Italy ETF	42.56
EWJ	iShares MSCI Japan ETF	42.61
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	42.88
IDOG	ALPS International Sector Dividend Dogs ETF	43.19
FDD	First Trust Stoxx European Select Dividend Index Fu...	43.96
LVHI	Franklin International Low Volatility High Dividend I...	44.65
AIA	iShares Asia 50 ETF	44.94

*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)



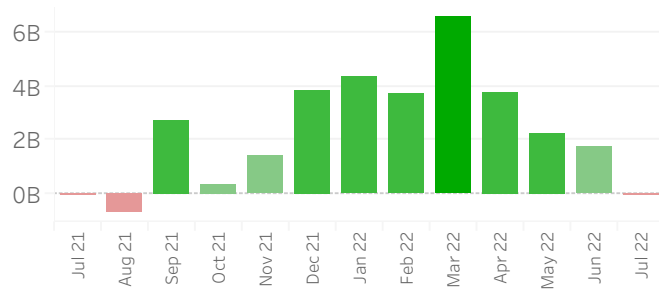
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWM	iShares MSCI Malaysia ETF	1.10%
EPOL	iShares MSCI Poland ETF	0.79%
EWW	iShares MSCI Mexico ETF	0.44%
EZA	iShares MSCI South Africa ETF	0.31%
THD	iShares MSCI Thailand ETF	0.27%
EELV	Invesco S&P Emerging Markets Low Volatility ETF	0.26%
EWZ	iShares MSCI Brazil ETF	0.12%
FLLA	Franklin FTSE Latin America ETF	0.11%
EIDO	iShares MSCI Indonesia ETF	0.09%
INDY	iShares India 50 ETF	0.07%

Emerging Most Overbought

Ticker	Fund	Price
PIN	Invesco India ETF	60.83
INDA	iShares MSCI India ETF	59.30
INDY	iShares India 50 ETF	59.14
FLIN	Franklin FTSE India ETF	58.96
SMIN	iShares MSCI India Small Cap ETF	58.60
QAT	iShares MSCI Qatar ETF	57.62
KSA	iShares MSCI Saudi Arabia ETF	56.39
EIDO	iShares MSCI Indonesia ETF	52.98
EWM	iShares MSCI Malaysia ETF	52.82
EPI	WisdomTree India Earnings Fund	52.73

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
PGJ	Invesco Golden Dragon China ETF	-4.03%
FNI	First Trust Chindia ETF	-2.93%
ECH	iShares MSCI Chile ETF	-2.33%
MCHI	iShares MSCI China ETF	-2.30%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-2.26%
FXI	iShares China Large-Cap ETF	-2.22%
FLCH	Franklin FTSE China ETF	-2.17%
ECNS	iShares MSCI China Small-Cap ETF	-2.11%
GXC	SPDR S&P China ETF	-2.10%
BKF	iShares MSCI BIC ETF	-1.71%

Emerging Most Oversold

Ticker	Fund	Price
DEM	WisdomTree Emerging Markets High Dividend Fund	34.29
FLBR	Franklin FTSE Brazil ETF	34.61
SDEM	Global X MSCI SuperDividend Emerging Markets ETF	34.85
DVYE	iShares Emerging Markets Dividend ETF	35.14
EWZ	iShares MSCI Brazil ETF	35.40
EWZS	iShares MSCI Brazil Small-Cap ETF	36.98
THD	iShares MSCI Thailand ETF	37.24
FLLA	Franklin FTSE Latin America ETF	37.27
RAYC	Rayliant Quantamental China Equity ETF	38.12
EPHE	iShares MSCI Philippines ETF	38.43

*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	0.78%	2.74%	-8.51%
SHY	1-3 Year Treasury Bonds	0.25%	0.42%	-2.82%
IEF	7-10 Year Treasury Bonds	1.15%	3.40%	-8.74%
TLT	20+ Year Treasury Bonds	1.68%	4.92%	-19.22%
TIP	TIPS Bonds	0.84%	1.31%	-6.97%
FLOT	Floating Rate Bonds	0.10%	0.36%	-0.74%
LQD	Investment Grade Corporate	0.77%	4.41%	-13.10%
HYG	High Yield Corporate	-0.13%	4.40%	-9.52%
BKLN	Senior Loan	-0.33%	2.30%	-3.45%
PFF	Preferred & Income Securities	0.56%	4.91%	-11.98%
MUB	Municipal Bonds	0.47%	2.46%	-6.28%
MBB	MBS	0.74%	3.07%	-7.00%
EMB	Dollar Denominated EM Bonds	1.09%	0.65%	-19.30%
LEMB	Local Currency EM Bond	0.41%	-2.21%	-14.72%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.17%	-7.33%	19.58%
DBE	Energy	-0.81%	-10.40%	44.20%
USO	WTI Crude Oil	-1.27%	-7.85%	37.10%
BNO	Brent Crude Oil	-1.22%	-4.87%	46.82%
UNG	Natural Gas	4.74%	21.93%	126.58%
UGA	Gasoline	0.71%	-14.11%	48.36%
DBP	Precious Metals	-0.15%	-7.90%	-9.87%
GLD	Gold	0.25%	-6.21%	-6.02%
SLV	Silver	-1.49%	-13.26%	-20.32%
PPLT	abrdn Physical Platin..	-0.49%	-5.95%	-9.94%
PALL	abrdn Physical Palla..	7.51%	8.74%	6.87%
DBB	Base Metals	0.60%	-12.29%	-17.30%
CPER	Copper	0.55%	-15.71%	-26.28%
LD	Lead	2.11%	-0.05%	-13.17%
JJN	Nickel	2.54%	-8.44%	7.78%
JJU	Aluminum	2.07%	-2.63%	-12.03%
JJT	Tin	3.29%	-11.42%	-32.71%
DBA	Agriculture	-1.53%	-9.39%	-2.28%
CORN	Corn	-1.72%	-16.82%	6.27%
SOYB	Soybeans	1.02%	-10.43%	8.40%
WEAT	Wheat	-5.89%	-21.54%	5.95%
CANE	Sugar	-2.58%	-4.62%	-3.48%
BAL	Cotton	-0.80%	-16.63%	-0.98%
NIB	Cocoa	-1.91%	-7.08%	-16.12%
JO	Coffee	-4.48%	-13.18%	-8.94%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.14%	2.41%	11.12%
UDN	Short Dollar	0.06%	-2.54%	-10.77%
FXE	Euro	0.03%	-3.43%	-10.75%
FXB	British Pound Sterling	0.13%	-2.25%	-11.44%
FXF	Swiss Franc	0.57%	-0.11%	-5.82%
FXJ	Japanese Yen	1.15%	0.15%	-15.52%
FXC	Canadian Dollar	-0.31%	0.18%	-2.34%
FXA	Australian Dollar	-0.07%	-0.26%	-5.07%

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