

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

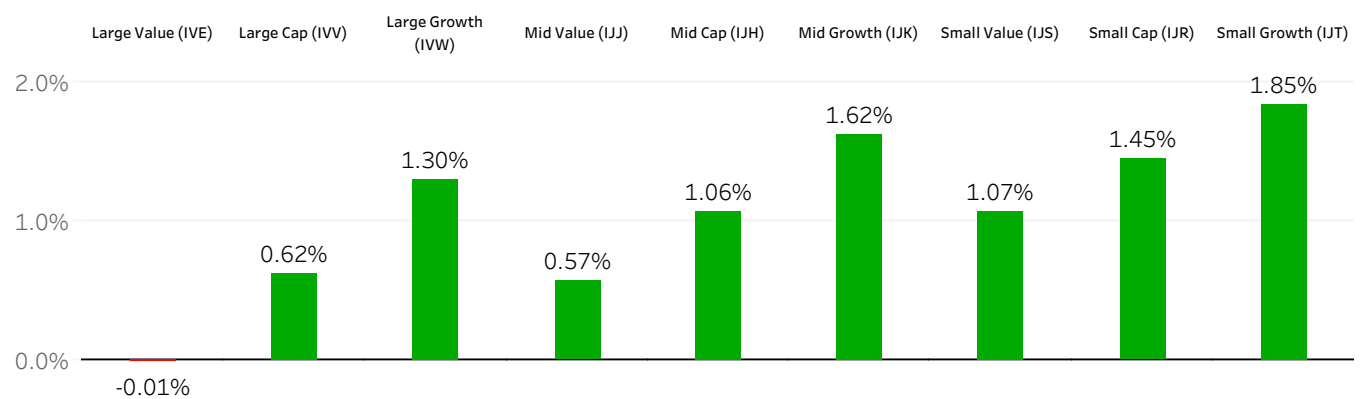


Small Cap Blend (S&P 600) IJR



■ 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
IPO	Renaissance IPO ETF	4.42%
BUZZ	VanEck Social Sentiment ETF	3.99%
ACSI	American Customer Satisfaction ETF	3.87%
ONEO	SPDR Russell 1000 Momentum Focus ETF	3.71%
MMLG	First Trust Multi-Manager Large Growth ETF	2.85%
CLRG	IQ Chaikin U.S. Large Cap ETF	2.78%
JSML	Janus Henderson Small Cap Growth Alpha ETF	2.57%
SPHB	Invesco S&P 500 High Beta ETF	2.55%
TMFS	Motley Fool Small-Cap Growth ETF	2.52%
LCG	Sterling Capital Focus Equity ETF	2.49%

Size & Style Most Overbought

Ticker	Fund	Value
USNZ	Xtrackers Net Zero Pathway Paris Aligned US Equity ETF	69.43
JSML	Janus Henderson Small Cap Growth Alpha ETF	65.99
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	65.55
FDM	First Trust Dow Jones Select MicroCap Index Fund	65.23
QVMS	Invesco S&P SmallCap 600 QVM Multi-factor ETF	64.90
NZUS	SPDR MSCI USA Climate Paris Aligned ETF	63.87
BUZZ	VanEck Social Sentiment ETF	63.86
ACSI	American Customer Satisfaction ETF	63.85
SLYG	SPDR S&P 600 Small Cap Growth ETF	63.78
IJT	iShares S&P Small-Cap 600 Growth ETF	63.67

Size & Style 1-Day Performance Laggards

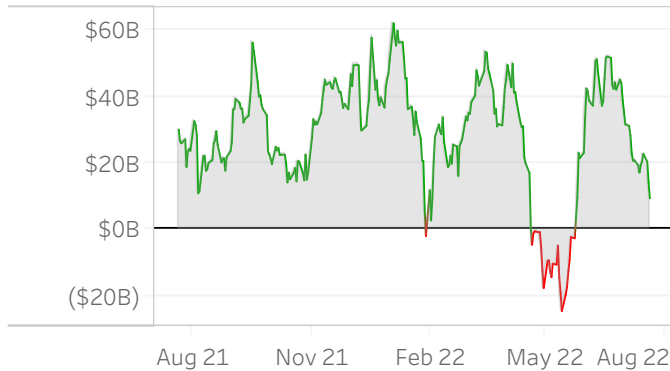
Ticker	Fund	1-Day Performance
PEY	Invesco High Yield Equity Dividend Achievers ETF	-0.97%
ALTL	Pacer Lunt Large Cap Alternator ETF	-0.61%
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	-0.61%
SPLV	Invesco S&P 500 Low Volatility ETF	-0.60%
RDIV	Invesco S&P Ultra Dividend Revenue ETF	-0.58%
DHS	WisdomTree U.S. High Dividend Fund	-0.53%
ABEQ	Absolute Core Strategy ETF	-0.53%
UTRN	Vesper U.S. Large Cap Short-Term Reversal Strategy ETF	-0.53%
DURA	VanEck Morningstar Durable Dividend ETF	-0.52%
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	-0.48%

Size & Style Most Oversold

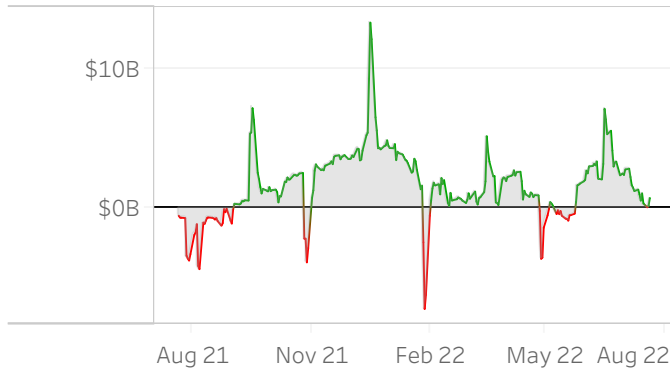
Ticker	Fund	Value
LGH	HCM Defender 500 Index ETF	33.24
QQH	HCM Defender 100 Index ETF	36.52
LFEQ	VanEck Long/Flat Trend ETF	42.31
RUFF	Alpha Dog ETF	43.59
ABEQ	Absolute Core Strategy ETF	43.94
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	44.30
FFTY	Innovator IBD 50 ETF	44.72
HDV	iShares Core High Dividend ETF	45.46
PEY	Invesco High Yield Equity Dividend Achievers ETF	45.56
UTRN	Vesper U.S. Large Cap Short-Term Reversal Strategy..	46.07

*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
Large Cap, Beta Growth, Beta	24	\$1,190B	\$1.59B	\$34.58B	\$41.07B	\$124.68B
Large Cap, Beta Growth, Beta: Growth	9	\$219B	\$0.60B	\$7.31B	\$10.09B	\$15.86B
Large Cap, Beta Growth, Beta: Value	10	\$211B	(\$0.36B)	\$5.11B	\$14.87B	\$27.43B
Mid Cap, Beta, Beta	10	\$169B	(\$0.22B)	\$2.89B	\$4.70B	\$12.18B
Mid Cap, Beta, Beta: Growth	6	\$31B	(\$0.02B)	\$0.26B	(\$0.18B)	\$0.71B
Mid Cap, Beta, Beta: Value	6	\$38B	\$0.00B	(\$0.17B)	(\$0.29B)	\$0.76B
Small Cap, Beta, Beta	13	\$182B	(\$0.58B)	(\$5.31B)	(\$4.41B)	\$5.59B
Small Cap, Beta, Beta: Growth	7	\$30B	(\$0.07B)	\$0.54B	\$0.71B	\$1.35B
Small Cap, Beta, Beta: Value	7	\$49B	(\$0.20B)	(\$0.11B)	(\$3.14B)	(\$1.57B)

U.S. Size & Style Flow Leaders

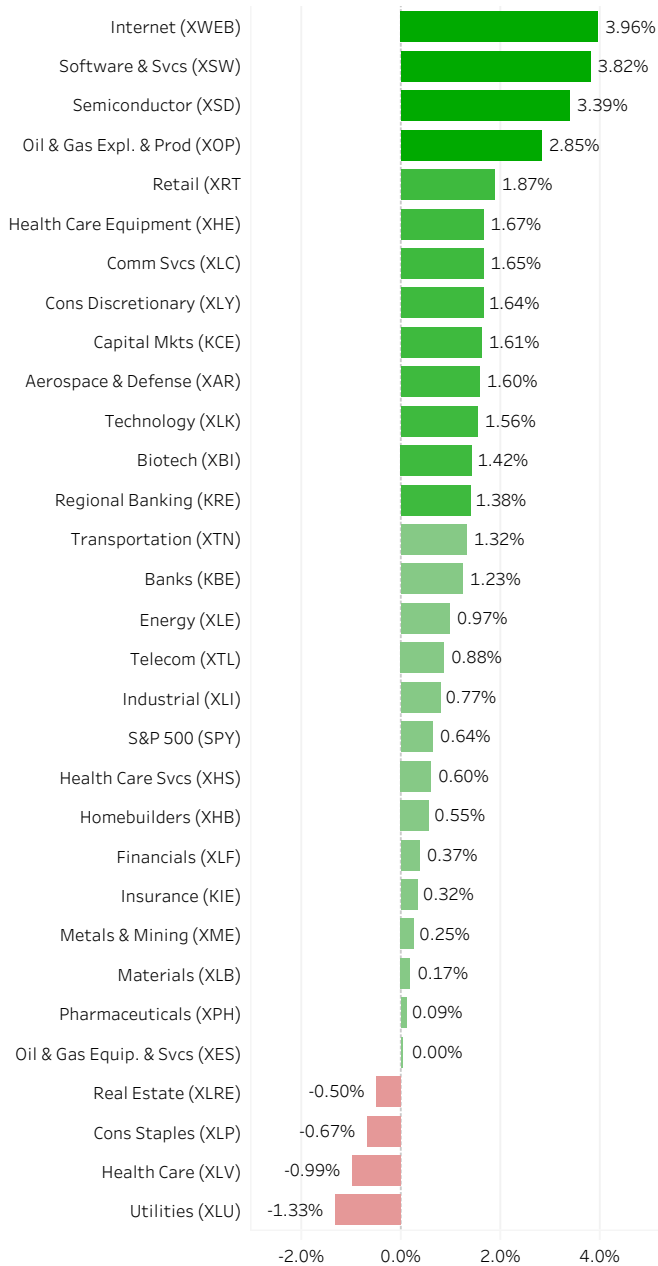
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VOO	Vanguard S&P 500 ETF	\$0.71B	\$14.18B	\$27.58B	\$43.49B	\$256.98B
QQQ	Invesco QQQ Trust	\$0.64B	\$4.98B	\$7.07B	\$21.27B	\$165.35B
SPYG	SPDR Portfolio S&P 500 Growth ETF	\$0.52B	\$0.78B	\$1.20B	\$1.83B	\$12.87B
SPLV	Invesco S&P 500 Low Volatility ETF	\$0.41B	\$0.86B	\$1.29B	\$2.43B	\$10.09B
VUG	Vanguard Growth ETF	\$0.25B	\$2.93B	\$5.45B	\$6.87B	\$71.96B
VTI	Vanguard Total Stock Market ETF	\$0.23B	\$4.36B	\$11.17B	\$35.88B	\$256.07B
SCHD	Schwab US Dividend Equity ETF	\$0.23B	\$3.18B	\$6.73B	\$10.91B	\$35.58B
DGRW	WisdomTree US Quality Dividend Growth Fund	\$0.21B	(\$0.03B)	\$0.10B	\$0.46B	\$6.47B
IVV	iShares Core S&P 500 ETF	\$0.18B	\$13.02B	\$17.38B	\$29.47B	\$291.23B
JQUA	JPMorgan U.S. Quality Factor ETF	\$0.12B	\$0.13B	\$0.17B	\$0.20B	\$0.53B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
HDV	iShares Core High Dividend ETF	(\$0.53B)	\$3.34B	\$5.26B	\$5.48B	\$12.58B
IWM	iShares Russell 2000 ETF	(\$0.22B)	(\$0.92B)	(\$1.87B)	(\$2.26B)	\$51.67B
VO	Vanguard Mid-Cap ETF	(\$0.18B)	\$1.16B	\$2.04B	\$6.15B	\$48.73B
IWN	iShares Russell 2000 Value ETF	(\$0.18B)	(\$0.85B)	(\$2.16B)	(\$2.48B)	\$11.73B
IVE	iShares S&P 500 Value ETF	(\$0.17B)	\$0.59B	\$1.47B	\$2.69B	\$23.63B
VTWO	Vanguard Russell 2000 ETF	(\$0.17B)	(\$1.06B)	(\$0.37B)	\$0.81B	\$5.25B
IUSG	iShares Core S&P U.S. Growth ETF	(\$0.16B)	\$0.44B	\$0.64B	\$0.95B	\$11.16B
IVW	iShares S&P 500 Growth ETF	(\$0.15B)	(\$0.12B)	(\$0.83B)	(\$0.36B)	\$29.70B
IJR	iShares Core S&P Small Cap ETF	(\$0.15B)	(\$1.58B)	(\$1.38B)	\$3.30B	\$62.65B
ITOT	iShares Core S&P Total U.S. Stock Market ETF	(\$0.14B)	\$3.08B	\$3.57B	\$6.55B	\$41.90B

* 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)
XLP	Consumer Staples Select Sector SPDR Fund	-10.02%	5.38%	-0.24%	-2.55%	49.46
XLV	Health Care Select Sector SPDR Fund	-10.14%	7.05%	0.05%	-2.89%	49.90
XLU	Utilities Select Sector SPDR Fund	-11.24%	7.47%	-3.33%	-2.35%	41.66
XLI	Industrial Select Sector SPDR Fund	-15.90%	5.37%	0.06%	-9.05%	56.80
SPY	SPDR S&P 500 ETF Trust	-17.36%	7.90%	1.07%	-9.16%	57.74
XLB	Materials Select Sector SPDR Fund	-17.74%	5.09%	-5.48%	-11.78%	47.62
XLRE	Real Estate Select Sector SPDR Fund	-19.88%	6.85%	-0.67%	-10.22%	51.68
XLE	Energy Select Sector SPDR Fund	-20.87%	59.47%	-7.37%	5.38%	49.24
XLF	Financial Select Sector SPDR Fund	-20.98%	6.47%	-0.18%	-12.06%	55.82
XLK	Technology Select Sector SPDR Fund	-22.33%	11.11%	3.50%	-9.92%	61.16
XLY	Consumer Discretionary Select Sector SPDR Fund	-28.02%	13.03%	4.91%	-14.31%	62.48
XLC	Communication Services Select Sector SPDR Fund	-32.56%	9.33%	2.11%	-15.28%	59.06

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XSW	SPDR S&P Software & Services ETF	3.82%
FDN	First Trust Dow Jones Internet Index Fund	3.42%
XSD	SPDR S&P Semiconductor ETF	3.39%
PNQI	Invesco NASDAQ Internet ETF	3.38%
IGV	iShares Expanded Tech-Software Sector ETF	3.35%
QTEC	First Trust NASDAQ-100 Technology Sector Index ..	3.22%
PSI	Invesco Dynamic Semiconductors ETF	2.99%
PSCT	Invesco S&P SmallCap Information Technology ETF	2.93%
FTXL	First Trust Nasdaq Semiconductor ETF	2.91%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	2.85%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
PKB	Invesco Dynamic Building & Construction ETF	66.38
PSCT	Invesco S&P SmallCap Information Technology ETF	65.87
PSI	Invesco Dynamic Semiconductors ETF	65.00
XSD	SPDR S&P Semiconductor ETF	64.55
XHS	SPDR S&P Health Care Services ETF	64.34
SOXX	iShares Semiconductor ETF	63.90
FTXL	First Trust Nasdaq Semiconductor ETF	63.78
XHB	SPDR S&P Homebuilders ETF	63.55
SOXQ	Invesco PHLX Semiconductor ETF	63.53
AIRR	First Trust RBA American Industrial Renaissance ETF	63.22

Sector & Industry 1 Day Performance Laggards

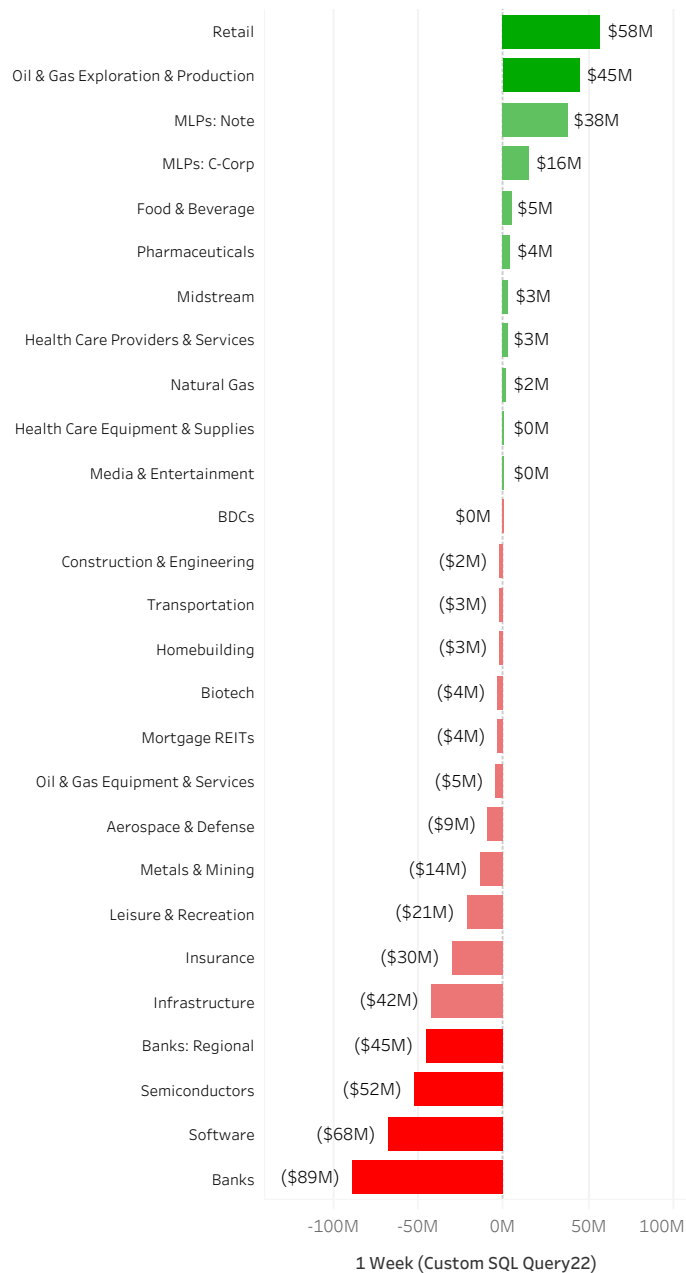
Ticker	Fund	1 Day Performance
XLU	Utilities Select Sector SPDR Fund	-1.33%
RYU	Invesco S&P 500 Equal Weight Utilities ETF	-1.31%
VPU	Vanguard Utilities ETF	-1.30%
FUTY	Fidelity MSCI Utilities Index ETF	-1.30%
PJP	Invesco Dynamic Pharmaceuticals ETF	-1.23%
XLV	Health Care Select Sector SPDR Fund	-0.99%
PUI	Invesco DWA Utilities Momentum ETF	-0.95%
FXU	First Trust Utilities AlphaDEX Fund	-0.93%
FHLC	Fidelity MSCI Health Care Index ETF	-0.73%
XLP	Consumer Staples Select Sector SPDR Fund	-0.67%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
RYU	Invesco S&P 500 Equal Weight Utilities ETF	39.90
KBWP	Invesco KBW Property & Casualty Insurance ETF	39.99
XLU	Utilities Select Sector SPDR Fund	41.66
VPU	Vanguard Utilities ETF	42.66
FUTY	Fidelity MSCI Utilities Index ETF	42.93
XES	SPDR S&P Oil & Gas Equipment & Services ETF	44.36
PUI	Invesco DWA Utilities Momentum ETF	45.05
VRAI	Virtus Real Asset Income ETF	45.41
FXU	First Trust Utilities AlphaDEX Fund	45.48
XLB	Materials Select Sector SPDR Fund	47.62

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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	8	\$14B	(\$17M)	(\$56M)	(\$468M)	\$69M
Consumer Discretionary	12	\$22B	(\$6M)	(\$3,171M)	(\$5,630M)	(\$5,258M)
Consumer Staples	11	\$27B	(\$76M)	\$1,267M	\$4,135M	\$6,236M
Energy	31	\$69B	(\$48M)	(\$4,140M)	(\$2,842M)	\$1,397M
Financials	23	\$56B	(\$470M)	(\$10,757M)	(\$17,623M)	(\$8,416M)
Health Care	22	\$91B	\$575M	\$3,965M	\$7,661M	\$12,934M
Industrial	11	\$27B	\$54M	(\$2,820M)	(\$3,179M)	(\$5,010M)
Materials	9	\$14B	(\$33M)	(\$2,731M)	(\$489M)	(\$1,477M)
Multi-Sector	17	\$14B	(\$138M)	(\$514M)	(\$4,924M)	(\$3,192M)
Real Estate	23	\$67B	(\$173M)	(\$2,918M)	(\$5,191M)	\$2,955M
Technology	23	\$119B	(\$207M)	(\$1,485M)	(\$1,076M)	\$4,287M
Utilities	9	\$26B	\$76M	\$2,612M	\$4,922M	\$5,795M

U.S. Sector & Industry Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	\$483M	\$2,604M	\$5,236M	\$8,299M	\$39,035M
XLI	Industrial Select Sector SPDR Fund	\$88M	(\$1,234M)	(\$3,067M)	(\$4,561M)	\$12,413M
XLU	Utilities Select Sector SPDR Fund	\$71M	\$2,065M	\$3,318M	\$3,815M	\$16,282M
VHT	Vanguard Health Care ETF	\$60M	(\$148M)	\$465M	\$1,321M	\$16,267M
XRT	SPDR S&P Retail ETF	\$58M	(\$88M)	\$168M	(\$345M)	\$461M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	\$50M	(\$910M)	(\$759M)	(\$746M)	\$4,347M
XBI	SPDR S&P BIOTECH ETF	\$45M	\$1,238M	\$2,525M	\$3,549M	\$7,834M
AMJ	J.P. Morgan Alerian MLP Index ETN	\$38M	\$8M	\$5M	(\$46M)	\$2,395M
VDC	Vanguard Consumer Staples ETF	\$33M	\$170M	\$443M	\$1,023M	\$6,721M
XLB	Materials Select Sector SPDR Fund	\$21M	(\$922M)	(\$1,279M)	(\$2,000M)	\$5,926M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	(\$245M)	(\$6,377M)	(\$10,451M)	(\$5,292M)	\$29,087M
XLP	Consumer Staples Select Sector SPDR Fund	(\$131M)	(\$311M)	\$1,442M	\$2,775M	\$15,299M
VNQ	Vanguard Real Estate ETF	(\$102M)	(\$2,155M)	(\$1,838M)	\$1,065M	\$38,956M
IGV	iShares Expanded Tech-Software Sector ETF	(\$67M)	\$420M	\$510M	\$1,269M	\$4,561M
VDE	Vanguard Energy ETF	(\$66M)	(\$599M)	(\$859M)	(\$241M)	\$7,078M
KBWB	Invesco KBW Bank ETF	(\$63M)	(\$459M)	(\$747M)	(\$2M)	\$1,764M
XLE	Energy Select Sector SPDR Fund	(\$60M)	(\$1,570M)	(\$2,756M)	(\$461M)	\$33,549M
IBB	iShares Biotechnology ETF	(\$53M)	\$10M	(\$207M)	(\$614M)	\$8,086M
XLRE	Real Estate Select Sector SPDR Fund	(\$53M)	\$154M	(\$139M)	\$2,131M	\$5,267M
SOXX	iShares Semiconductor ETF	(\$53M)	(\$372M)	(\$212M)	\$1,285M	\$6,874M

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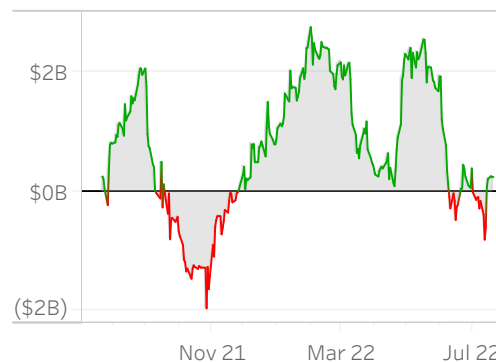
Communication Services



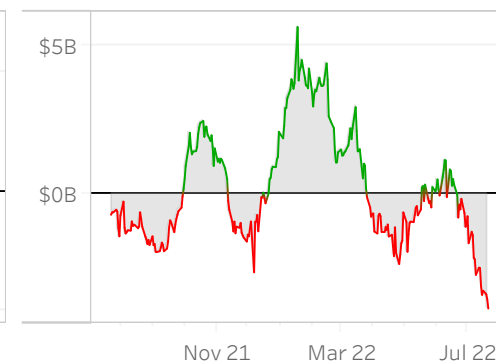
Consumer Discretionary



Consumer Staples



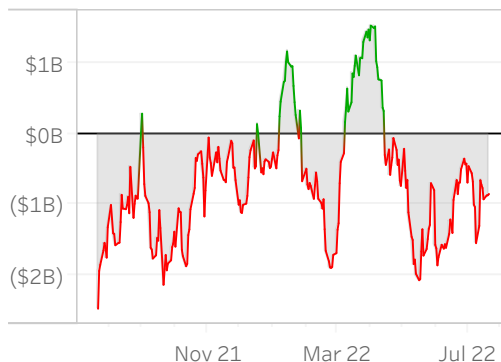
Energy



Financials



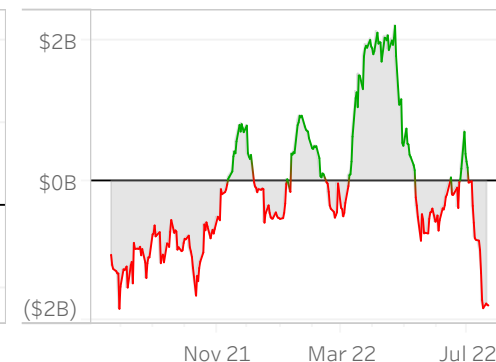
Industrial



Health Care



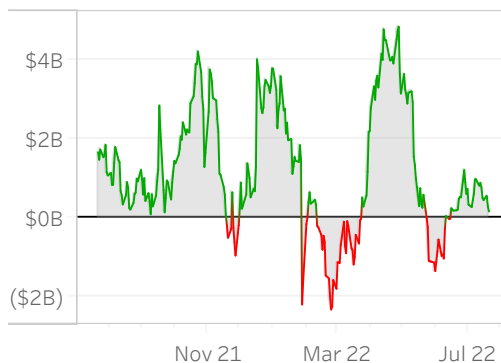
Materials



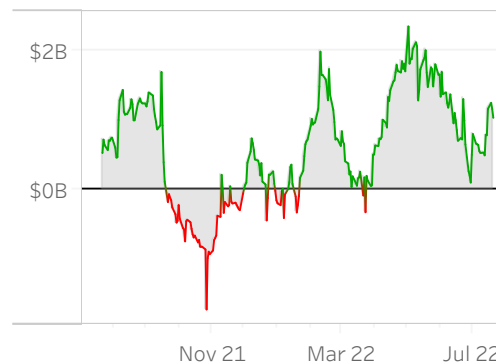
Real Estate



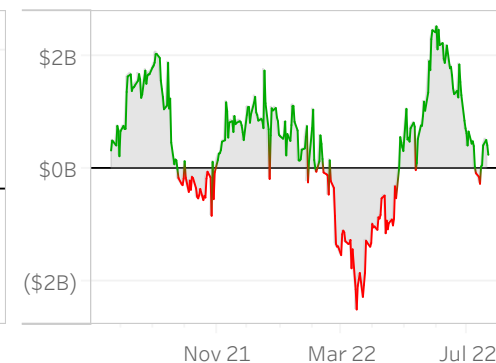
Technology



Utilities

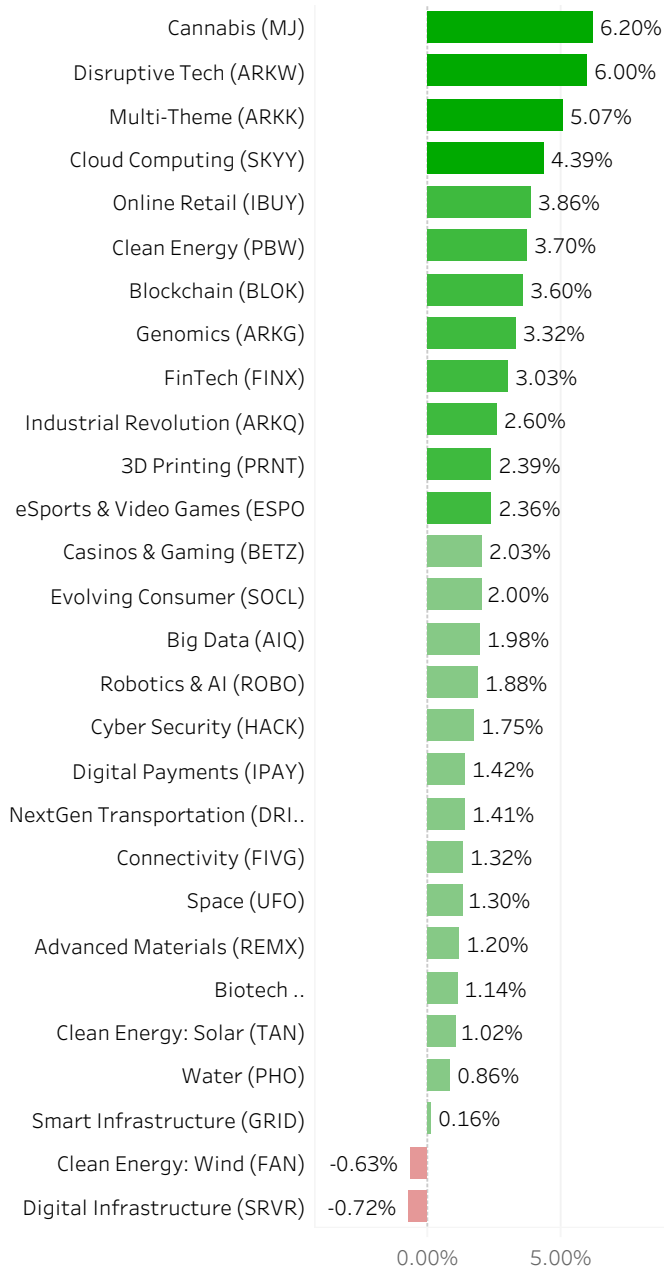


Multi-Sector

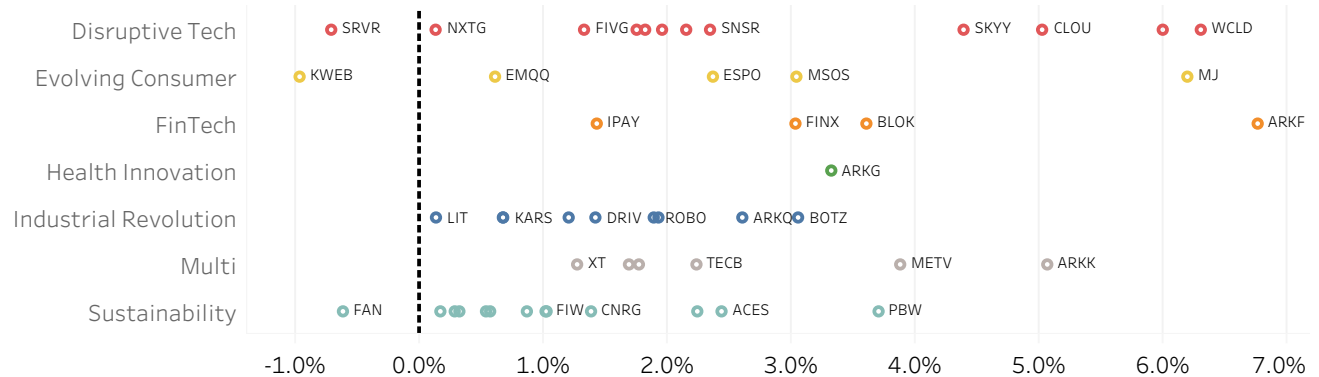


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
POTX	Global X Cannabis ETF	8.34%
ARKF	ARK Fintech Innovation ETF	6.77%
YOLO	AdvisorShares Pure Cannabis ETF	6.36%
WCLD	WisdomTree Cloud Computing Fund	6.31%
MJ	ETFMG Alternative Harvest ETF	6.20%
BITQ	Bitwise Crypto Industry Innovators ETF	6.04%
ARKW	ARK Next Generation Internet ETF	6.00%
ARKK	ARK Innovation ETF	5.07%
CLOU	Global X Cloud Computing ETF	5.02%
BKCH	Global X Blockchain ETF	4.44%

Thematic Most Overbought

Ticker	Fund	Value
GNOM	Global X Genomics & Biotechnology ETF	66.66
BITQ	Bitwise Crypto Industry Innovators ETF	65.52
BLOK	Amplify Transformational Data Sharing ETF	64.20
IDNA	iShares Genomics Immunology and Healthcare ETF Genom..	63.84
SNSR	Global X Internet of Things ETF	63.50
BKCH	Global X Blockchain ETF	62.99
ARKG	ARK Genomic Revolution ETF	62.82
SBIO	ALPS Medical Breakthroughs ETF	62.33
FIVG	Defiance Next Gen Connectivity ETF	62.17
BTEC	Principal Healthcare Innovators ETF	61.33

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
RNRG	Global X Funds Global X Renewable Energy Producers ..	-1.17%
KWEB	KraneShares CSI China Internet ETF	-0.98%
VPN	Global X Data Center REITs & Digital Infrastructure ETF	-0.87%
AGNG	Global X Aging Population ETF	-0.73%
SRVR	Pacer Benchmark Data & Infrastructure Real Estate S..	-0.72%
FAN	First Trust Global Wind Energy ETF	-0.63%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-0.46%
PAWZ	ProShares Pet Care ETF	-0.16%
SMOG	VanEck Low Carbon Energy ETF	-0.05%
LEGR	First Trust Indxx Innovative Transaction & Process ETF	0.06%

Thematic Most Oversold

Ticker	Fund	Value
AWAY	ETFMG Travel Tech ETF	45.98
KWEB	KraneShares CSI China Internet ETF	47.12
KGRN	KraneShares MSCI China Clean Technology Index ETF	47.30
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR..	47.68
RNRG	Global X Funds Global X Renewable Energy Producers ETF	48.10
KSTR	KraneShares SSE STAR Market 50 Index ETF	48.20
FAN	First Trust Global Wind Energy ETF	48.38
REMX	VanEck Rare Earth/Strategic Metals ETF	48.72
BATT	Amplify Lithium & Battery Technology ETF	48.75
VPN	Global X Data Center REITs & Digital Infrastructure ETF	49.03

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Thematic 1 Week Flow Leaders

Ticker	Fund	
ARKK	ARK Innovation ETF	\$76M
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR ETF	\$38M
MSOS	AdvisorShares Pure US Cannabis ETF	\$25M
WCLD	WisdomTree Cloud Computing Fund	\$15M
GINN	Goldman Sachs Innovate Equity ETF	\$13M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$8M
CNRG	SPDR S&P Kensho Clean Power ETF	\$3M
KGRN	KraneShares MSCI China Clean Technology Index ETF	\$2M
MJ	ETFMG Alternative Harvest ETF	\$2M
TECB	iShares U.S. Tech Breakthrough Multisector ETF	\$1M

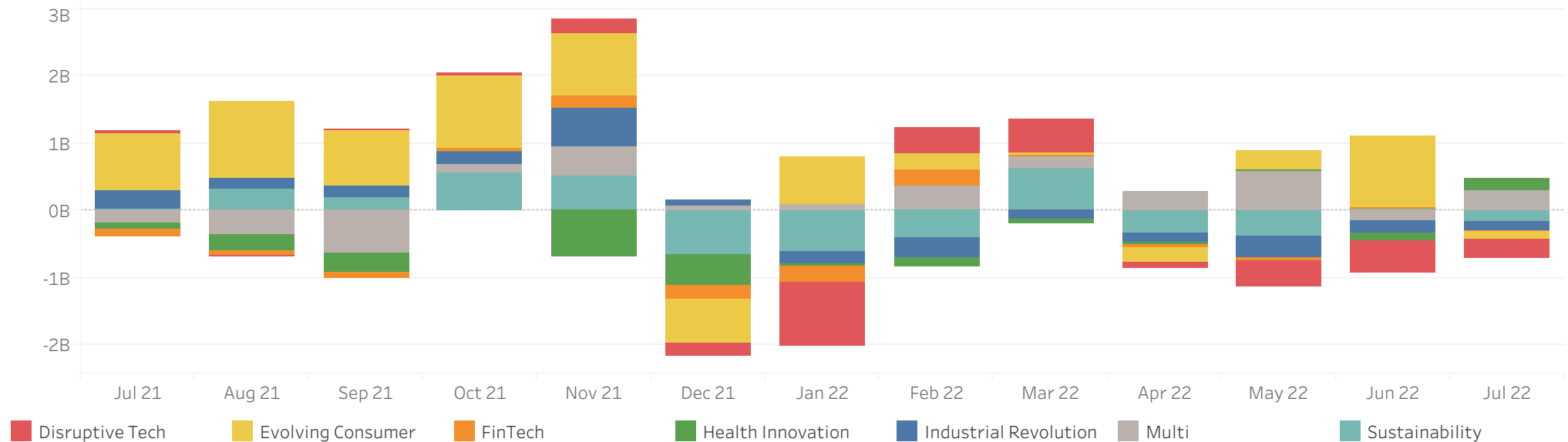
Thematic 1 Week Flow Laggards

Ticker	Fund	
KWEB	KraneShares CSI China Internet ETF	(\$156M)
TAN	Invesco Solar ETF	(\$131M)
ONLN	ProShares Online Retail ETF	(\$31M)
ICLN	iShares Global Clean Energy ETF	(\$21M)
IDRV	iShares Self-driving EV & Tech ETF	(\$15M)
GTEK	Goldman Sachs Future Tech Leaders Equity ETF	(\$13M)
LIT	Global X Lithium & Battery Tech ETF	(\$10M)
PBW	Invesco WilderHill Clean Energy ETF	(\$10M)
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	(\$9M)
PHO	Invesco Water Resources ETF	(\$8M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$18B	\$18M	(\$1,084M)	(\$566M)	(\$1,162M)
Evolving Consumer	48	\$12B	(\$132M)	\$981M	\$1,250M	\$6,177M
FinTech	24	\$3B	(\$3M)	(\$112M)	\$92M	(\$322M)
Health Innovation	19	\$4B	(\$22M)	\$6M	(\$147M)	(\$1,929M)
Industrial Revolution	32	\$12B	(\$43M)	(\$711M)	(\$1,365M)	\$28M
Multi	42	\$16B	\$18M	\$950M	\$1,851M	\$1,129M
Sustainability	42	\$17B	(\$143M)	(\$751M)	(\$730M)	(\$222M)
Grand Total	242	\$83B	(\$306M)	(\$720M)	\$386M	\$3,698M

Thematic Monthly Flows

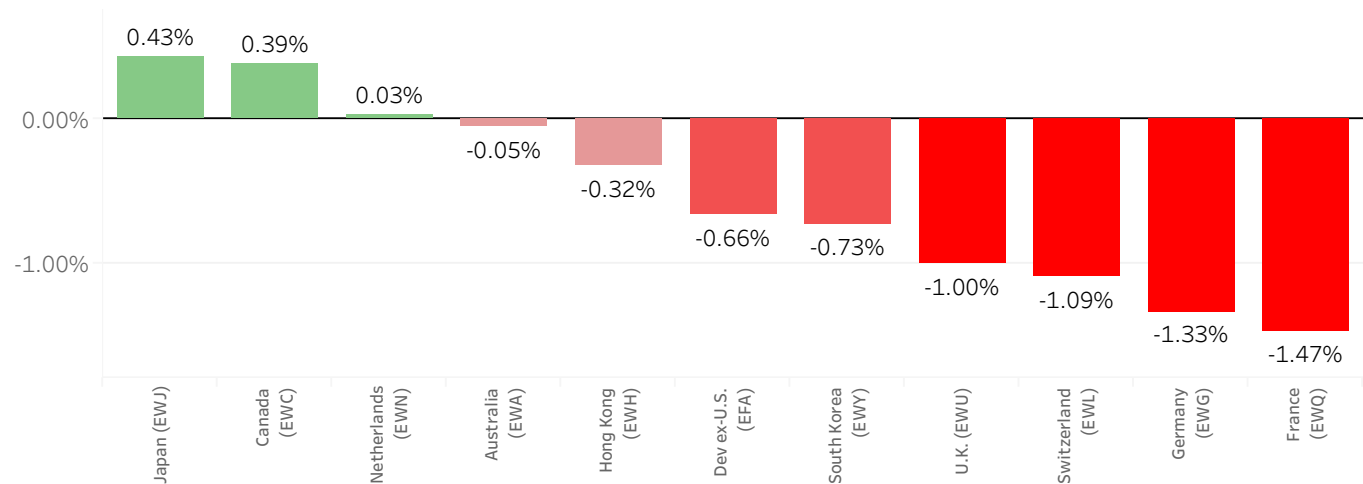


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

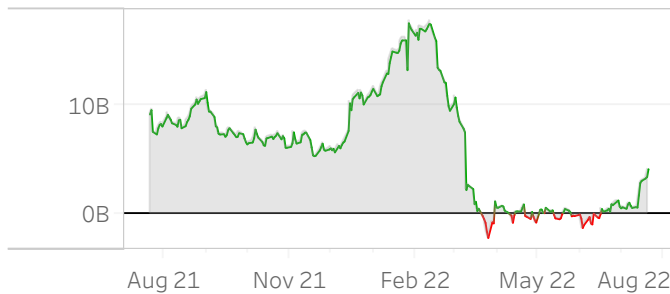
Developed ex-U.S. (EFA)



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



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



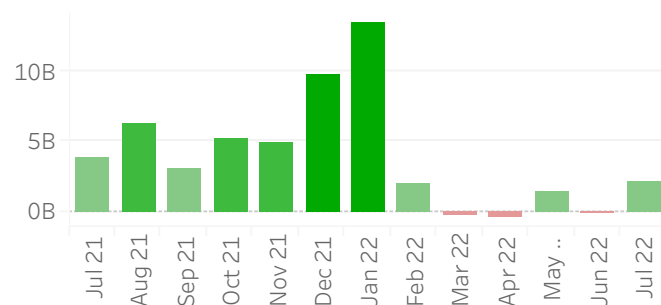
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
ISRA	VanEck Israel ETF	1.87%
EIS	iShares MSCI Israel ETF	1.78%
EWS	iShares MSCI Singapore ETF	1.16%
FLCA	Franklin FTSE Canada ETF	0.60%
FDT	First Trust Developed Markets ex-US AlphaDEX Fund	0.52%
JPXN	iShares JPX-Nikkei 400 ETF	0.50%
DFJ	WisdomTree Japan SmallCap Dividend Fund	0.49%
TOK	iShares MSCI Kokusai ETF	0.47%
EWJ	iShares MSCI Japan ETF	0.43%
HEWJ	iShares Currency Hedged MSCI Japan ETF	0.39%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	63.10
HEWJ	iShares Currency Hedged MSCI Japan ETF	61.40
EIS	iShares MSCI Israel ETF	60.82
ISRA	VanEck Israel ETF	60.35
DXJ	WisdomTree Japan Hedged Equity Fund	59.47
EWN	iShares MSCI Netherlands ETF	56.88
ENZL	iShares MSCI New Zealand ETF	56.83
EFG	iShares MSCI EAFE Growth ETF	56.82
EWS	iShares MSCI Singapore ETF	56.68
TOK	iShares MSCI Kokusai ETF	55.48

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EWI	iShares MSCI Italy ETF	-4.16%
EWP	iShares MSCI Spain ETF	-2.51%
CIL	VictoryShares International Volatility Wtd ETF	-2.03%
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	-1.52%
EWQ	iShares MSCI France ETF	-1.47%
EWO	iShares MSCI Austria ETF	-1.43%
FDD	First Trust Stoxx European Select Dividend Index Fund	-1.37%
EWG	iShares MSCI Germany ETF	-1.33%
EZU	iShares MSCI Eurozone ETF	-1.30%
IEV	iShares Europe ETF	-1.22%

Developed ex-U.S. Most Oversold

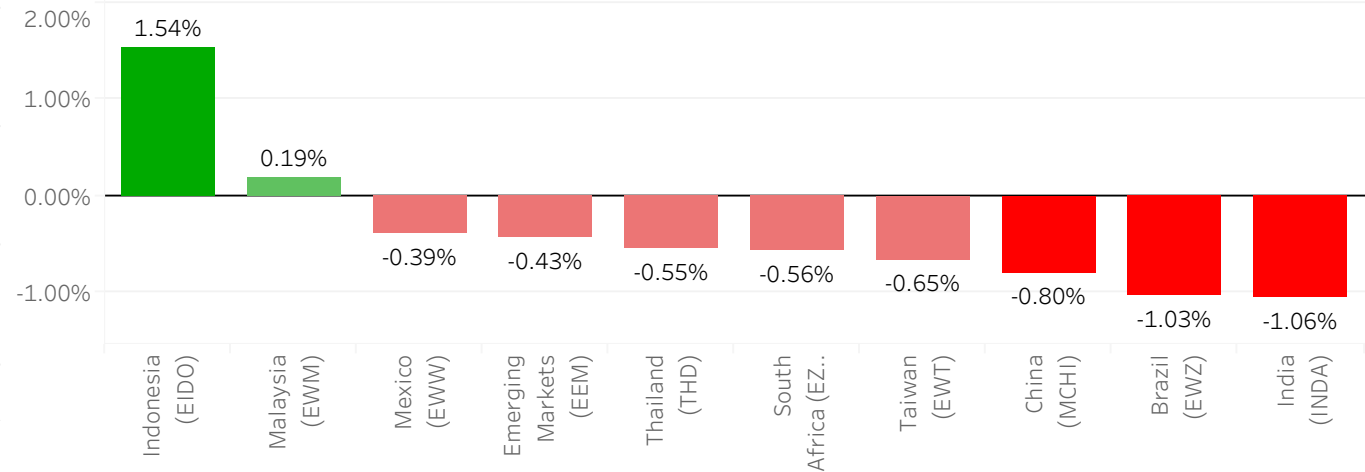
Ticker	Fund	Value
EWI	iShares MSCI Italy ETF	39.71
DTH	WisdomTree International High Dividend Fund	40.16
EWP	iShares MSCI Spain ETF	40.66
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	41.65
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	41.77
FIDI	Fidelity International High Dividend ETF	42.07
IDV	iShares International Select Dividend ETF	42.71
IMFL	Invesco International Developed Dynamic Multifact..	43.29
IDOG	ALPS International Sector Dividend Dogs ETF	44.04
DFE	WisdomTree Europe SmallCap Dividend Fund	44.04

*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)



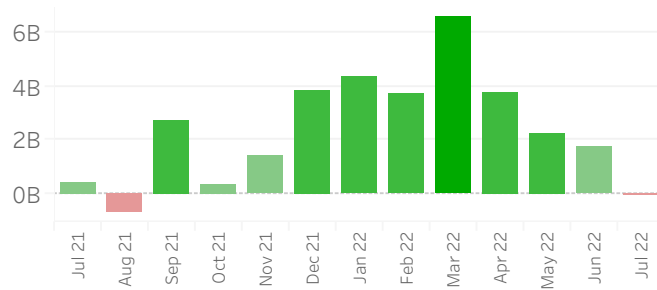
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
QAT	iShares MSCI Qatar ETF	2.26%
EPU	iShares MSCI Peru ETF	1.92%
EIDO	iShares MSCI Indonesia ETF	1.54%
EWZS	iShares MSCI Brazil Small-Cap ETF	1.22%
TUR	iShares MSCI Turkey ETF	0.59%
KSA	iShares MSCI Saudi Arabia ETF	0.50%
EWM	iShares MSCI Malaysia ETF	0.19%
LDEM	iShares ESG MSCI EM Leaders ETF	0.17%
PIN	Invesco India ETF	0.09%
ECH	iShares MSCI Chile ETF	0.08%

Emerging Most Overbought

Ticker	Fund	Value
PIN	Invesco India ETF	58.28
FLIN	Franklin FTSE India ETF	56.72
QAT	iShares MSCI Qatar ETF	56.37
SMIN	iShares MSCI India Small Cap ETF	56.22
KSA	iShares MSCI Saudi Arabia ETF	55.01
INDA	iShares MSCI India ETF	52.69
ECH	iShares MSCI Chile ETF	52.56
EIDO	iShares MSCI Indonesia ETF	52.24
INDY	iShares India 50 ETF	51.85
VNM	VanEck Vietnam ETF	49.32

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	-1.07%
INDA	iShares MSCI India ETF	-1.06%
EWZ	iShares MSCI Brazil ETF	-1.03%
INDY	iShares India 50 ETF	-0.95%
UEVM	VictoryShares USAA MSCI Emerging Markets Value Mo..	-0.93%
EPHE	iShares MSCI Philippines ETF	-0.93%
FEM	First Trust Emerging Markets AlphaDEX Fund	-0.81%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	-0.81%
MCHI	iShares MSCI China ETF	-0.80%
ILF	iShares Latin America 40 ETF	-0.78%

Emerging Most Oversold

Ticker	Fund	Value
THD	iShares MSCI Thailand ETF	31.43
DEM	WisdomTree Emerging Markets High Dividend Fund	32.71
FLBR	Franklin FTSE Brazil ETF	34.29
EWZ	iShares MSCI Brazil ETF	34.65
EPHE	iShares MSCI Philippines ETF	36.17
DVYE	iShares Emerging Markets Dividend ETF	36.21
JPEM	J.P. Morgan Diversified Return Emerging Markets E..	36.40
FLLA	Franklin FTSE Latin America ETF	36.69
SDEM	Global X MSCI SuperDividend Emerging Markets ETF	37.10
PIE	Invesco DWA Emerging Markets Momentum ETF	37.30

*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	-0.07%	1.55%	-9.97%
SHY	1-3 Year Treasury Bonds	-0.01%	0.14%	-3.33%
IEF	7-10 Year Treasury Bonds	-0.10%	1.83%	-10.79%
TLT	20+ Year Treasury Bonds	0.26%	2.46%	-21.91%
TIP	TIPS Bonds	-0.09%	0.07%	-8.32%
FLOT	Floating Rate Bonds	0.10%	0.36%	-0.74%
LQD	Investment Grade Corporate	-0.11%	1.93%	-14.93%
HYG	High Yield Corporate	0.44%	3.21%	-10.47%
BKLN	Senior Loan	-0.14%	1.59%	-3.78%
PFF	Preferred & Income Securities	0.54%	5.38%	-12.78%
MUB	Municipal Bonds	0.17%	2.03%	-6.80%
MBB	MBS	-0.26%	2.25%	-8.38%
EMB	Dollar Denominated EM Bonds	0.79%	-1.12%	-20.61%
LEMB	Local Currency EM Bond	-0.24%	-2.58%	-15.22%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.90%	-8.40%	20.80%
DBE	Energy	0.00%	-9.09%	48.65%
USO	WTI Crude Oil	-0.53%	-6.84%	42.83%
BNO	Brent Crude Oil	-0.68%	-3.59%	52.70%
UNG	Natural Gas	7.42%	13.09%	114.41%
UGA	Gasoline	-1.75%	-11.14%	53.27%
DBP	Precious Metals	-0.84%	-9.17%	-11.04%
GLD	Gold	-0.94%	-7.72%	-7.56%
SLV	Silver	-0.58%	-13.96%	-20.08%
PPLT	abrdn Physical Platin..	-1.79%	-8.15%	-11.35%
PALL	abrdn Physical Palla..	-0.22%	3.03%	-1.80%
DBB	Base Metals	0.88%	-12.88%	-17.97%
CPER	Copper	1.16%	-17.56%	-26.17%
LD	Lead	0.63%	-9.83%	-14.70%
JJN	Nickel	4.02%	-15.92%	3.40%
JJU	Aluminum	3.54%	-4.86%	-12.88%
JJT	Tin	2.32%	-21.31%	-33.98%
DBA	Agriculture	0.00%	-8.49%	1.01%
CORN	Corn	-0.83%	-17.26%	10.86%
SOYB	Soybeans	-1.85%	-12.22%	9.85%
WEAT	Wheat	0.95%	-20.09%	14.61%
CANE	Sugar	-1.71%	-2.03%	-0.11%
BAL	Cotton	1.67%	-20.19%	1.00%
NIB	Cocoa	-0.04%	-3.72%	-13.18%
JO	Coffee	0.05%	-4.87%	-4.34%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.28%	2.33%	11.59%
UDN	Short Dollar	-0.22%	-2.44%	-11.07%
FXE	Euro	-0.49%	-3.14%	-11.08%
FXB	British Pound Sterling	-0.21%	-1.97%	-11.58%
FXF	Swiss Franc	-0.31%	-0.23%	-6.80%
FXJ	Japanese Yen	-0.06%	-2.39%	-16.95%
FXC	Canadian Dollar	-0.07%	1.12%	-2.04%
FXA	Australian Dollar	-0.16%	-0.70%	-5.42%

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Contact us at:

team@etfaction.com

www.etfaction.com