

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

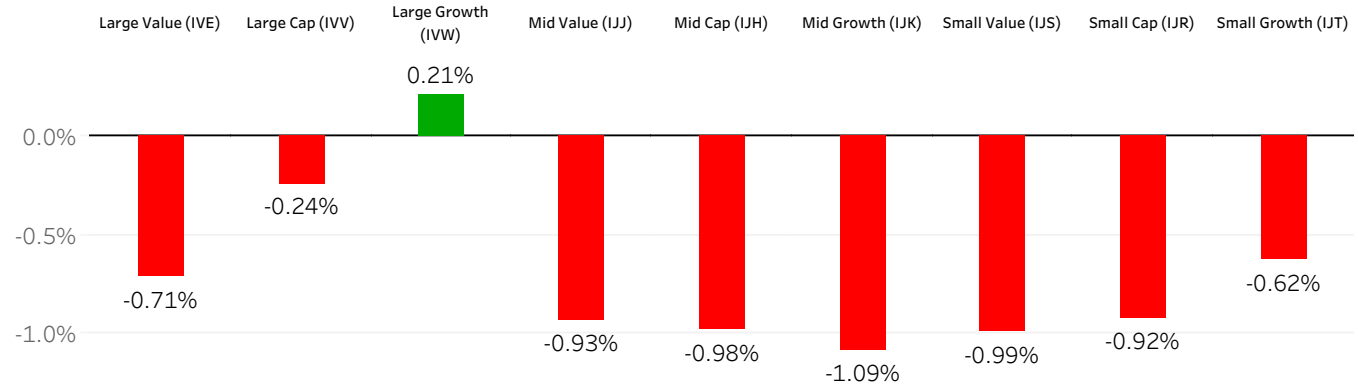


Small Cap Blend (S&P 600) IJR



■ 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
FFTY	Innovator IBD 50 ETF	0.45%
JEPQ	J.P. Morgan Nasdaq Equity Premium Income ETF	0.41%
IWY	iShares Russell Top 200 Growth ETF	0.39%
QQQ	Invesco QQQ Trust	0.36%
QQQM	Invesco NASDAQ 100 ETF	0.34%
MGK	Vanguard Mega Cap Growth ETF	0.34%
HLAL	Wahed FTSE USA Shariah ETF	0.23%
IVW	iShares S&P 500 Growth ETF	0.21%
SPYG	SPDR Portfolio S&P 500 Growth ETF	0.21%
PWB	Invesco Dynamic Large Cap Growth ETF	0.19%

Size & Style Most Overbought

Ticker	Fund	Price
PTNQ	Pacer Trendpilot 100 ETF	49.03
SPC	CrossingBridge Pre-Merger SPAC ETF	48.16
PTLC	Pacer Trendpilot US Large Cap ETF	47.85
PABU	iShares Paris-Aligned Climate MSCI USA ETF	47.79
IWY	iShares Russell Top 200 Growth ETF	47.56
QQQM	Invesco NASDAQ 100 ETF	47.40
JEPQ	J.P. Morgan Nasdaq Equity Premium Income ETF	47.37
QQQ	Invesco QQQ Trust	47.34
MGK	Vanguard Mega Cap Growth ETF	47.26
QQXT	First Trust Nasdaq-100 Ex-Technology Sector Index Fund	47.00

Size & Style 1-Day Performance Laggards

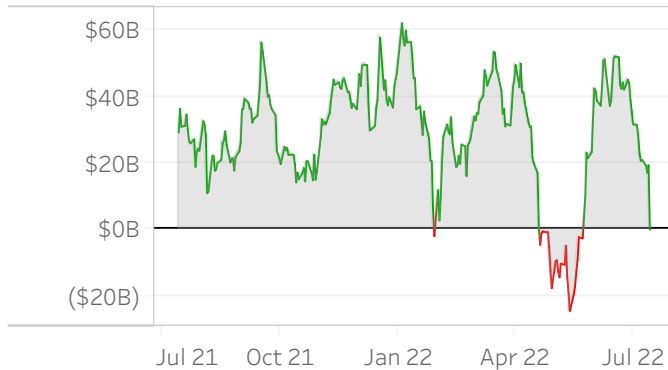
Ticker	Fund	1-Day Performance
AIEQ	AI Powered Equity ETF	-2.87%
IPO	Renaissance IPO ETF	-2.67%
QVAL	Alpha Architect U.S. Quantitative Value ETF	-2.00%
XMHQ	Invesco S&P MidCap Quality ETF	-1.88%
FYT	First Trust Small Cap Value AlphaDEX Fund	-1.78%
SYLD	Cambria Shareholder Yield ETF	-1.75%
COWZ	Pacer US Cash Cows 100 ETF	-1.74%
RPV	Invesco S&P 500 Pure Value ETF	-1.73%
EQRR	ProShares Equities for Rising Rates ETF	-1.73%
SPVU	Invesco S&P 500 Enhanced Value ETF	-1.69%

Size & Style Most Oversold

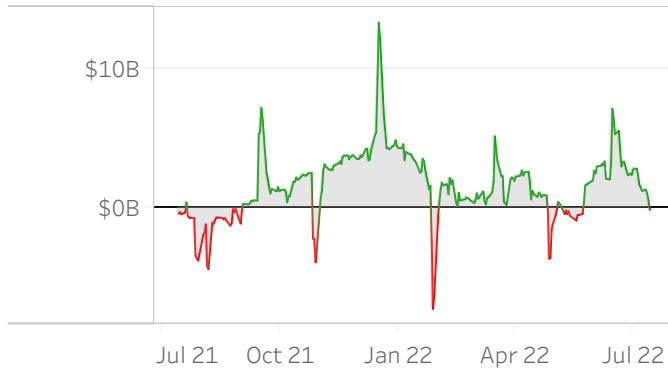
Ticker	Fund	Price
DEIF	Sterling Capital Diverse Multi-Manager Active ETF	27.90
EQRR	ProShares Equities for Rising Rates ETF	31.68
ABEQ	Absolute Core Strategy ETF	31.89
LGH	HCM Defender 500 Index ETF	32.54
ONOF	Global X Adaptive U.S. Risk Management ETF	32.55
RPV	Invesco S&P 500 Pure Value ETF	32.96
CGDV	Capital Group Dividend Value ETF	33.05
DDIV	First Trust Dorsey Wright Momentum & Dividend ETF	33.23
WBIY	WBI Power Factor High Dividend ETF	33.26
FDL	First Trust Morningstar Dividend Leaders Index Fund	33.29

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

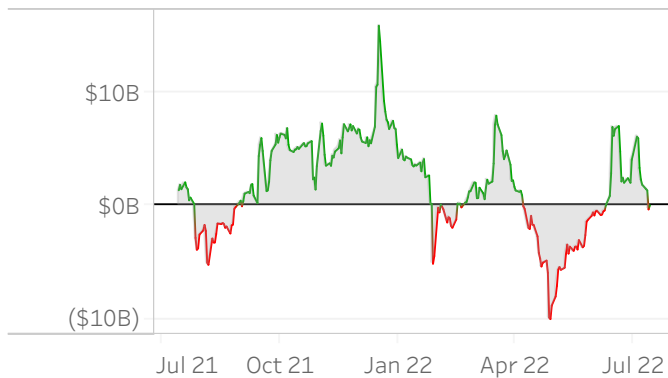
Large-Cap 30-Day Rolling Flows



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	\$1,154B	\$3.92B	\$18.36B	\$33.65B	\$120.63B
Large Cap, Beta Growth, Beta: Growth	9	\$212B	\$0.22B	\$4.89B	\$7.96B	\$15.99B
Large Cap, Beta Growth, Beta: Value	10	\$208B	\$0.15B	\$4.73B	\$15.80B	\$28.00B
Mid Cap, Beta, Beta	10	\$164B	\$0.41B	\$2.96B	\$4.98B	\$11.81B
Mid Cap, Beta, Beta: Growth	6	\$30B	(\$0.03B)	\$0.21B	(\$0.27B)	\$0.52B
Mid Cap, Beta, Beta: Value	6	\$37B	(\$0.08B)	(\$0.21B)	(\$0.12B)	\$0.71B
Small Cap, Beta, Beta	13	\$176B	(\$1.22B)	(\$4.21B)	(\$4.25B)	\$6.94B
Small Cap, Beta, Beta: Growth	7	\$29B	(\$0.30B)	\$0.62B	\$0.72B	\$1.43B
Small Cap, Beta, Beta: Value	7	\$47B	(\$0.26B)	\$0.00B	(\$2.60B)	(\$1.63B)

U.S. Size & Style Flow Leaders

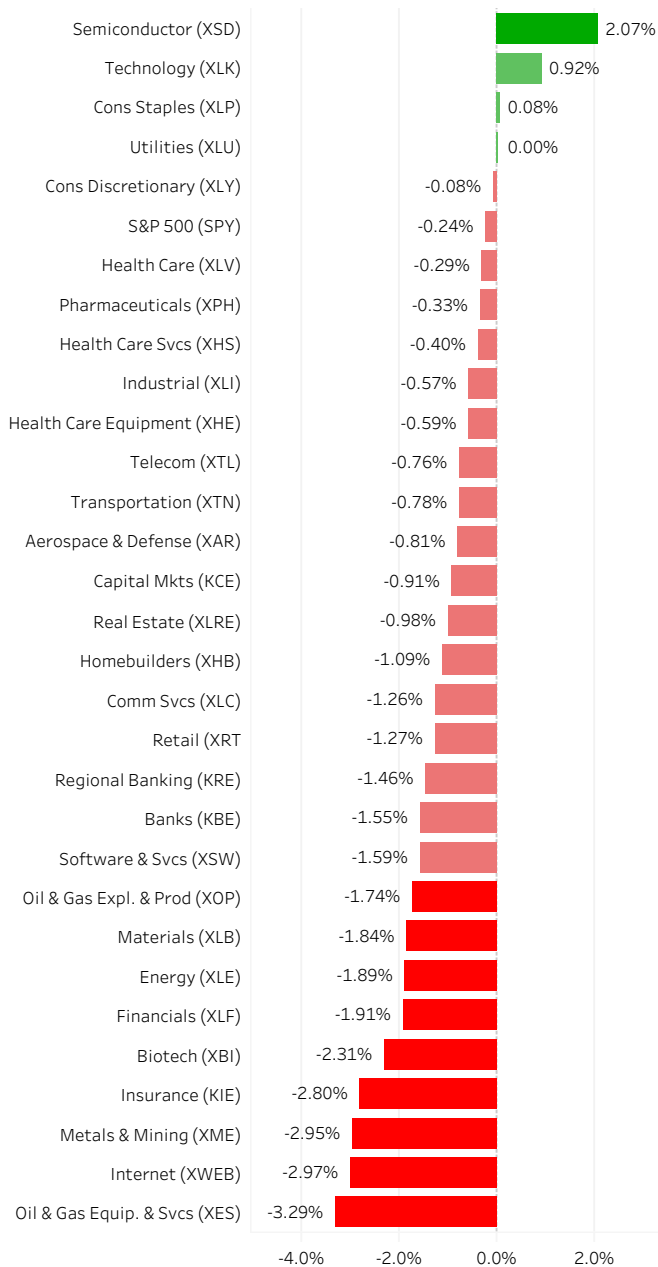
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	\$2.67B	\$5.58B	\$5.30B	\$18.48B	\$158.90B
VOO	Vanguard S&P 500 ETF	\$0.74B	\$3.99B	\$28.33B	\$44.69B	\$248.67B
VTI	Vanguard Total Stock Market ETF	\$0.36B	\$4.33B	\$11.75B	\$35.07B	\$247.81B
IVV	iShares Core S&P 500 ETF	\$0.32B	\$5.12B	\$15.20B	\$30.58B	\$282.34B
VO	Vanguard Mid-Cap ETF	\$0.26B	\$1.39B	\$2.30B	\$6.32B	\$47.37B
VTWO	Vanguard Russell 2000 ETF	\$0.18B	(\$0.87B)	(\$0.29B)	\$0.99B	\$5.21B
VUG	Vanguard Growth ETF	\$0.18B	\$2.61B	\$5.08B	\$6.77B	\$68.76B
VIOO	Vanguard S&P Small-Cap 600 ETF	\$0.17B	\$0.04B	\$0.16B	\$0.36B	\$1.79B
VTV	Vanguard Value ETF	\$0.17B	\$3.56B	\$11.91B	\$18.11B	\$94.93B
SCHD	Schwab US Dividend Equity ETF	\$0.12B	\$3.22B	\$6.85B	\$10.78B	\$34.89B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWM	iShares Russell 2000 ETF	(\$0.92B)	(\$0.46B)	(\$2.55B)	(\$1.59B)	\$49.98B
VB	Vanguard Small-Cap ETF	(\$0.70B)	(\$0.93B)	(\$0.92B)	\$2.03B	\$38.78B
VBK	Vanguard Small-Cap Growth ETF	(\$0.28B)	\$0.03B	\$0.07B	\$0.65B	\$11.69B
VBR	Vanguard Small Cap Value ETF	(\$0.21B)	(\$0.63B)	(\$1.03B)	\$0.56B	\$21.86B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.12B)	(\$0.18B)	\$0.00B	(\$0.69B)	\$26.54B
VIG	Vanguard Dividend Appreciation ETF	(\$0.09B)	\$0.98B	\$2.02B	\$4.92B	\$60.10B
SMDV	ProShares Russell 2000 Dividend Growers ETF	(\$0.09B)	(\$0.08B)	(\$0.05B)	(\$0.08B)	\$0.72B
VOE	Vanguard Mid-Cap Value ETF	(\$0.08B)	\$0.39B	\$1.10B	\$2.06B	\$15.10B
SPYG	SPDR Portfolio S&P 500 Growth ETF	(\$0.06B)	\$0.22B	\$0.27B	\$1.33B	\$11.84B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.05B)	(\$0.10B)	(\$0.77B)	(\$1.43B)	\$16.85B

* 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)
XLU	Utilities Select Sector SPDR Fund	-9.52%	9.55%	-1.73%	-0.34%	48.06
XLP	Consumer Staples Select Sector SPDR Fund	-9.77%	5.67%	-0.37%	-2.22%	51.54
XLV	Health Care Select Sector SPDR Fund	-10.99%	6.04%	-0.80%	-3.76%	46.22
XLI	Industrial Select Sector SPDR Fund	-20.18%	0.00%	-5.47%	-13.89%	36.69
SPY	SPDR S&P 500 ETF Trust	-20.89%	3.29%	-3.48%	-13.22%	42.18
XLB	Materials Select Sector SPDR Fund	-21.72%	0.00%	-10.87%	-16.21%	28.70
XLRE	Real Estate Select Sector SPDR Fund	-22.12%	3.86%	-3.73%	-12.87%	39.55
XLF	Financial Select Sector SPDR Fund	-25.78%	0.00%	-6.64%	-17.69%	34.06
XLK	Technology Select Sector SPDR Fund	-26.36%	5.34%	-2.02%	-14.78%	48.16
XLE	Energy Select Sector SPDR Fund	-26.86%	47.39%	-15.02%	-2.19%	33.05
XLY	Consumer Discretionary Select Sector SPDR Fund	-32.58%	5.88%	-1.92%	-20.05%	47.86
XLC	Communication Services Select Sector SPDR Fund	-37.22%	1.77%	-5.17%	-21.67%	40.18

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
PSI	Invesco Dynamic Semiconductors ETF	2.32%
SOXX	iShares Semiconductor ETF	2.12%
XSD	SPDR S&P Semiconductor ETF	2.07%
FTXL	First Trust Nasdaq Semiconductor ETF	1.76%
SOXQ	Invesco PHLX Semiconductor ETF	1.67%
XLK	Technology Select Sector SPDR Fund	0.92%
FTEC	Fidelity MSCI Information Technology Index ETF	0.71%
VGT	Vanguard Information Technology ETF	0.67%
TDV	ProShares S&P Technology Dividend Aristocrats E..	0.40%
IYW	iShares U.S. Technology ETF	0.38%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
XBI	SPDR S&P BIOTECH ETF	59.73
PTH	Invesco DWA Healthcare Momentum ETF	57.69
ITB	iShares U.S. Home Construction ETF	57.26
XHS	SPDR S&P Health Care Services ETF	56.04
PBE	Invesco Dynamic Biotechnology & Genome ETF	55.17
IBB	iShares Biotechnology ETF	54.91
PSCH	Invesco S&P SmallCap Health Care ETF	54.41
PKB	Invesco Dynamic Building & Construction ETF	53.41
XPH	SPDR S&P Pharmaceuticals ETF	52.97
RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	52.89

Sector & Industry 1 Day Performance Laggards

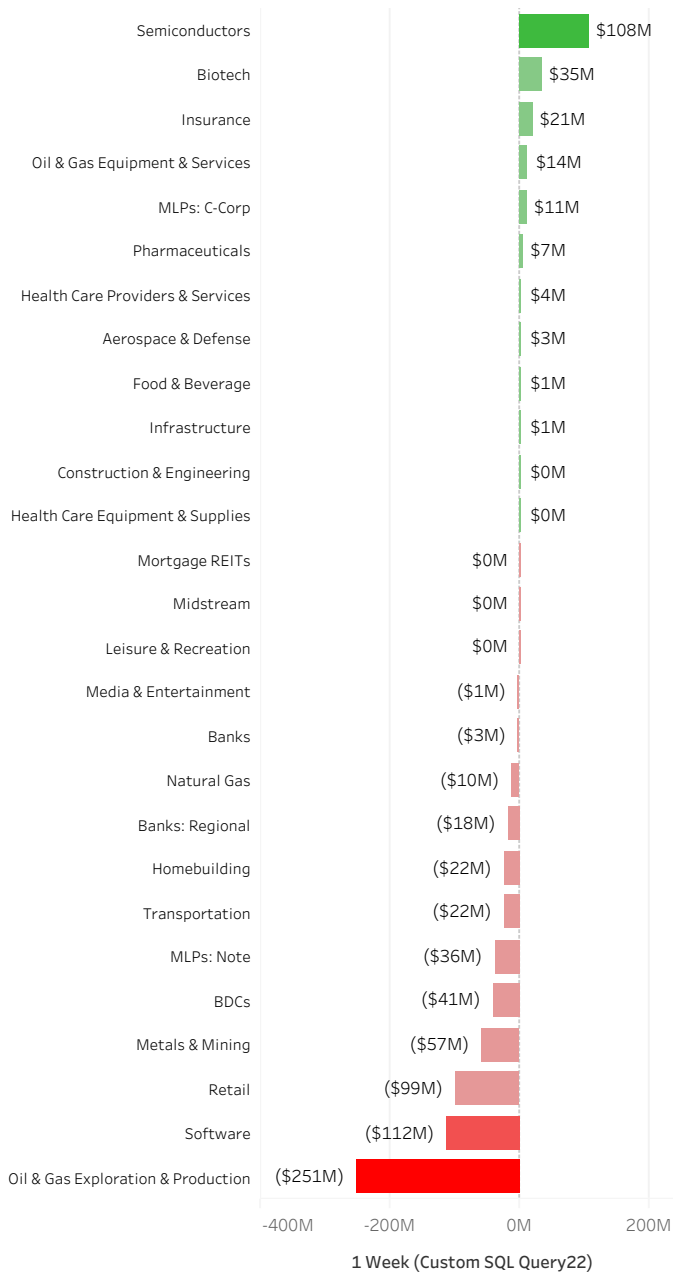
Ticker	Fund	1 Day Performance
KBWP	Invesco KBW Property & Casualty Insurance ETF	-4.56%
IAK	iShares U.S. Insurance ETF	-3.43%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-3.29%
IEZ	iShares U.S. Oil Equipment & Services ETF	-3.21%
XME	SPDR S&P Metals & Mining ETF	-2.95%
KIE	SPDR S&P Insurance ETF	-2.80%
PXI	Invesco DWA Energy Momentum ETF	-2.55%
FXZ	First Trust Materials AlphaDEX Fund	-2.43%
INDS	Pacer Benchmark Industrial Real Estate SCTR ETF	-2.43%
IYM	iShares U.S. Basic Materials ETF	-2.34%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IYM	iShares U.S. Basic Materials ETF	26.90
XLB	Materials Select Sector SPDR Fund	28.70
FXZ	First Trust Materials AlphaDEX Fund	28.77
XES	SPDR S&P Oil & Gas Equipment & Services ETF	29.64
IEZ	iShares U.S. Oil Equipment & Services ETF	29.82
VAW	Vanguard Materials ETF	30.04
FMAT	Fidelity MSCI Materials Index ETF	30.16
KBWP	Invesco KBW Property & Casualty Insurance ETF	30.98
PYZ	Invesco DWA Basic Materials Momentum ETF	30.99
RTM	Invesco S&P 500 Equal Weight Materials ETF	31.40

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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	\$13B	\$37M	(\$90M)	(\$608M)	(\$182M)
Consumer Discretionary	12	\$21B	(\$466M)	(\$2,885M)	(\$5,578M)	(\$5,321M)
Consumer Staples	11	\$27B	(\$50M)	\$1,545M	\$4,479M	\$6,978M
Energy	31	\$66B	(\$342M)	(\$3,511M)	(\$2,067M)	\$1,318M
Financials	23	\$55B	(\$468M)	(\$11,265M)	(\$16,934M)	(\$9,561M)
Health Care	22	\$90B	\$244M	\$3,497M	\$7,065M	\$13,385M
Industrial	11	\$27B	(\$138M)	(\$2,358M)	(\$3,605M)	(\$5,872M)
Materials	9	\$14B	(\$217M)	(\$1,715M)	\$5M	(\$1,621M)
Multi-Sector	17	\$14B	(\$6M)	(\$389M)	(\$5,177M)	(\$3,093M)
Real Estate	23	\$66B	\$59M	(\$2,253M)	(\$5,043M)	\$3,257M
Technology	23	\$114B	(\$67M)	(\$1,325M)	(\$1,695M)	\$5,407M
Utilities	9	\$26B	\$324M	\$2,682M	\$4,677M	\$5,587M

U.S. Sector & Industry Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
FUTY	Fidelity MSCI Utilities Index ETF	\$281M	\$747M	\$893M	\$933M	\$2,039M
XLV	Health Care Select Sector SPDR Fund	\$189M	\$2,226M	\$4,640M	\$8,359M	\$38,085M
VGT	Vanguard Information Technology ETF	\$127M	\$231M	\$317M	\$1,973M	\$41,298M
VDC	Vanguard Consumer Staples ETF	\$122M	\$22M	\$246M	\$855M	\$6,504M
SOXX	iShares Semiconductor ETF	\$104M	(\$398M)	(\$93M)	\$1,470M	\$6,404M
XLRE	Real Estate Select Sector SPDR Fund	\$66M	\$378M	\$42M	\$2,234M	\$5,250M
XLC	Communication Services Select Sector SPDR Fu..	\$57M	\$304M	(\$222M)	\$128M	\$9,498M
ICF	iShares Cohen & Steers REIT ETF	\$49M	\$73M	\$136M	\$312M	\$2,524M
XLU	Utilities Select Sector SPDR Fund	\$31M	\$2,001M	\$3,071M	\$3,579M	\$16,061M
XBI	SPDR S&P BIOTECH ETF	\$24M	\$1,188M	\$2,671M	\$3,613M	\$7,563M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	(\$394M)	(\$6,974M)	(\$10,239M)	(\$5,547M)	\$28,677M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$328M)	(\$1,147M)	(\$2,761M)	(\$1,624M)	\$13,858M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$249M)	(\$874M)	(\$704M)	(\$771M)	\$3,980M
XLP	Consumer Staples Select Sector SPDR Fund	(\$165M)	(\$102M)	\$1,939M	\$3,709M	\$15,168M
XLK	Technology Select Sector SPDR Fund	(\$161M)	(\$537M)	(\$283M)	\$1,930M	\$38,461M
IGV	iShares Expanded Tech-Software Sector ETF	(\$111M)	\$444M	\$419M	\$1,505M	\$4,550M
XLI	Industrial Select Sector SPDR Fund	(\$110M)	(\$1,042M)	(\$3,593M)	(\$4,967M)	\$12,010M
XRT	SPDR S&P Retail ETF	(\$99M)	\$120M	\$136M	(\$611M)	\$383M
VAW	Vanguard Materials ETF	(\$87M)	(\$508M)	(\$545M)	(\$405M)	\$2,910M
XME	SPDR S&P Metals & Mining ETF	(\$57M)	(\$542M)	\$40M	\$87M	\$1,863M

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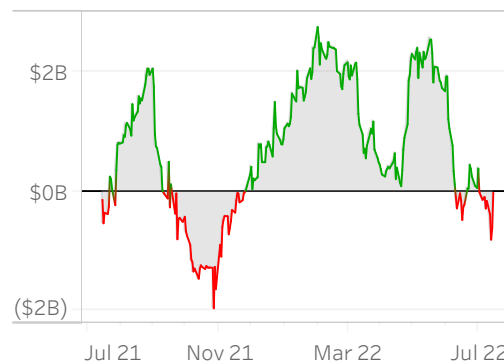
Communication Services



Consumer Discretionary



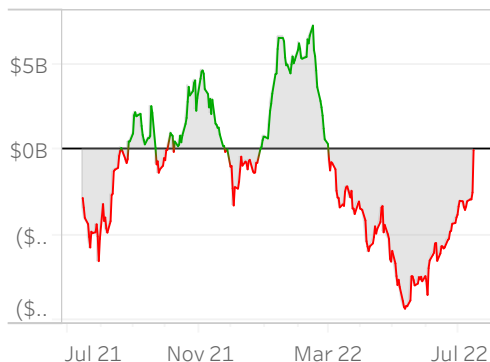
Consumer Staples



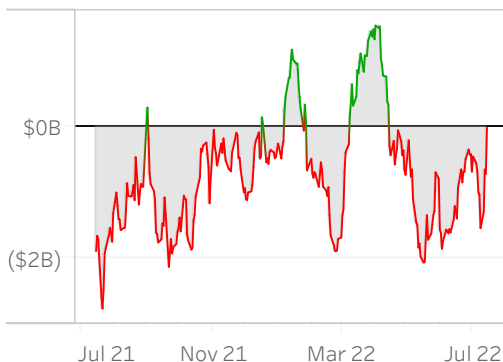
Energy



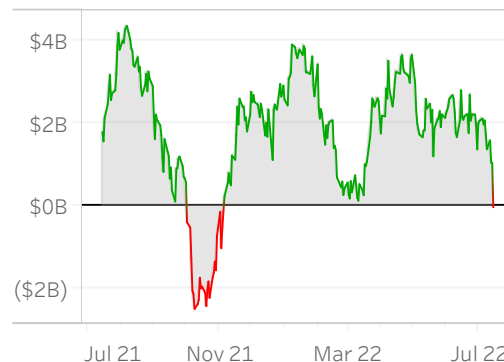
Financials



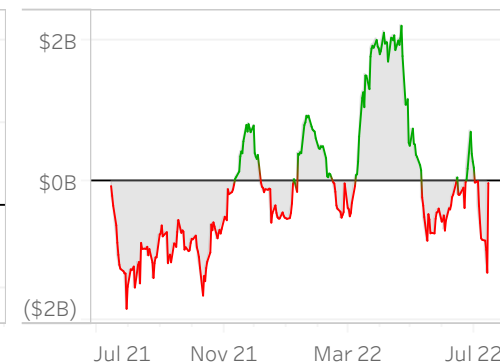
Industrial



Health Care



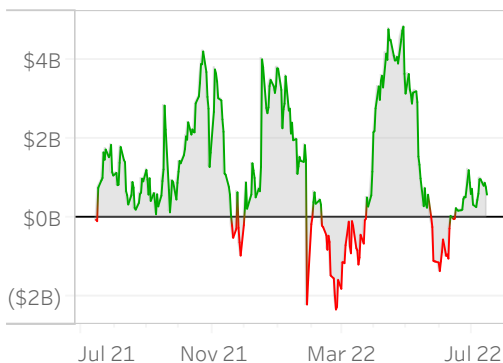
Materials



Real Estate



Technology



Utilities

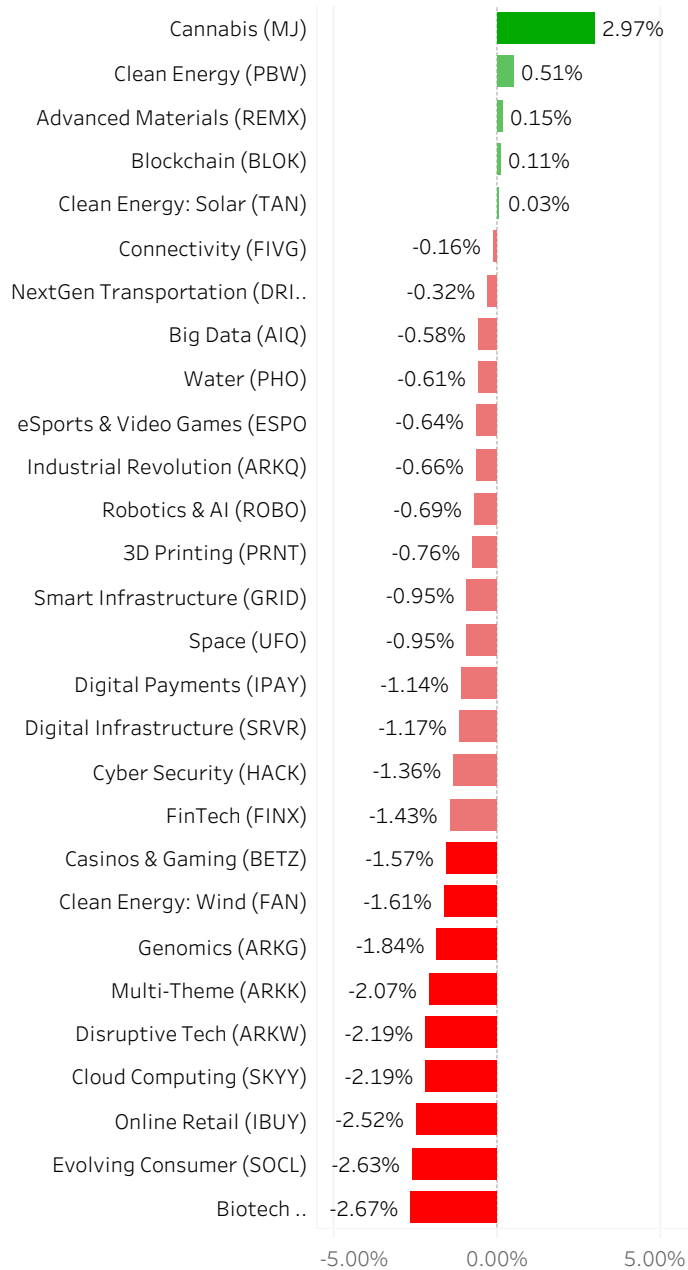


Multi-Sector

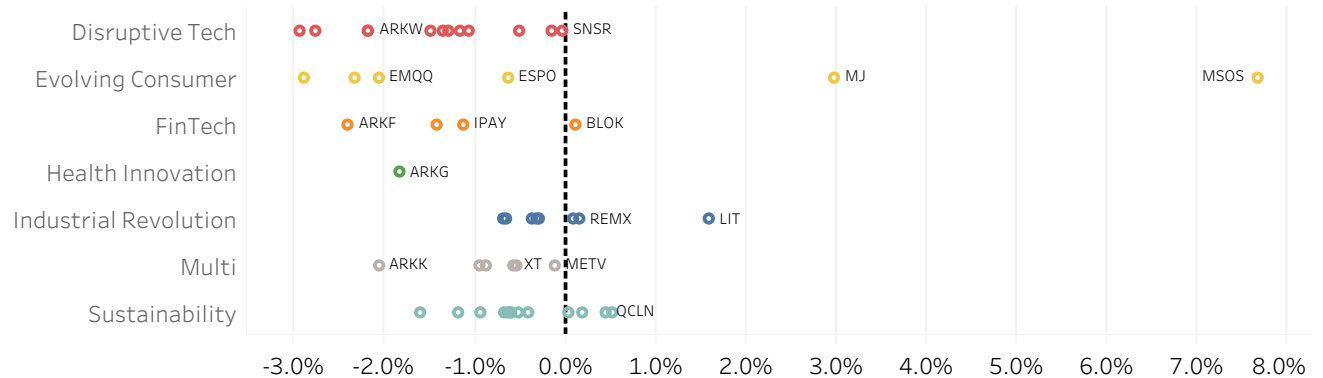


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
MSOS	AdvisorShares Pure US Cannabis ETF	7.66%
YOLO	AdvisorShares Pure Cannabis ETF	6.85%
MJ	ETFMG Alternative Harvest ETF	2.97%
KSTR	KraneShares SSE STAR Market 50 Index ETF	2.22%
LIT	Global X Lithium & Battery Tech ETF	1.58%
KGRN	KraneShares MSCI China Clean Technology Index ETF	1.30%
BITQ	Bitwise Crypto Industry Innovators ETF	0.82%
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	0.63%
PBW	Invesco WilderHill Clean Energy ETF	0.51%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	0.44%

Thematic Most Overbought

Ticker	Fund	Value
GNOM	Global X Genomics & Biotechnology ETF	62.66
SBIO	ALPS Medical Breakthroughs ETF	58.83
ARKG	ARK Genomic Revolution ETF	58.15
IDNA	iShares Genomics Immunology and Healthcare ETF Genom..	57.82
BTEC	Principal Healthcare Innovators ETF	56.50
KGRN	KraneShares MSCI China Clean Technology Index ETF	54.19
GDOC	Goldman Sachs Future Health Care Equity ETF	50.64
HTEC	ROBO Global Healthcare Technology and Innovation ETF	50.36
MSOS	AdvisorShares Pure US Cannabis ETF	50.12
ARKK	ARK Innovation ETF	49.52

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
IDNA	iShares Genomics Immunology and Healthcare ETF Ge..	-3.21%
WCLD	WisdomTree Cloud Computing Fund	-2.95%
KWEB	KraneShares CSI China Internet ETF	-2.90%
CLOU	Global X Cloud Computing ETF	-2.77%
SBIO	ALPS Medical Breakthroughs ETF	-2.67%
SOCL	Global X Social Media ETF	-2.63%
AWAY	ETFMG Travel Tech ETF	-2.62%
EBIZ	Global X E-Commerce ETF	-2.61%
IBUY	Amplify Online Retail ETF	-2.52%
ARKF	ARK Fintech Innovation ETF	-2.42%

Thematic Most Oversold

Ticker	Fund	Value
AWAY	ETFMG Travel Tech ETF	31.12
LEGR	First Trust Indxx Innovative Transaction & Process ETF	32.51
BETZ	Roundhill Sports Betting & iGaming ETF	34.13
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	34.43
BOTZ	Global X Robotics & Artificial Intelligence ETF	35.89
NXTG	First Trust Indxx NextG ETF	35.92
SOCL	Global X Social Media ETF	36.67
HERO	Global X Video Games & Esports ETF	37.30
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure..	37.44
REMX	VanEck Rare Earth/Strategic Metals ETF	37.54

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Thematic 1 Week Flow Leaders

Ticker	Fund	
TAN	Invesco Solar ETF	\$118M
ARKG	ARK Genomic Revolution ETF	\$60M
GNOM	Global X Genomics & Biotechnology ETF	\$14M
ARKW	ARK Next Generation Internet ETF	\$11M
EBLU	Ecofin Global Water ESG Fund	\$9M
PBW	Invesco WilderHill Clean Energy ETF	\$9M
LIT	Global X Lithium & Battery Tech ETF	\$4M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$3M
TECB	iShares U.S. Tech Breakthrough Multisector ETF	\$3M
TARK	AXS 2X Innovation ETF	\$3M

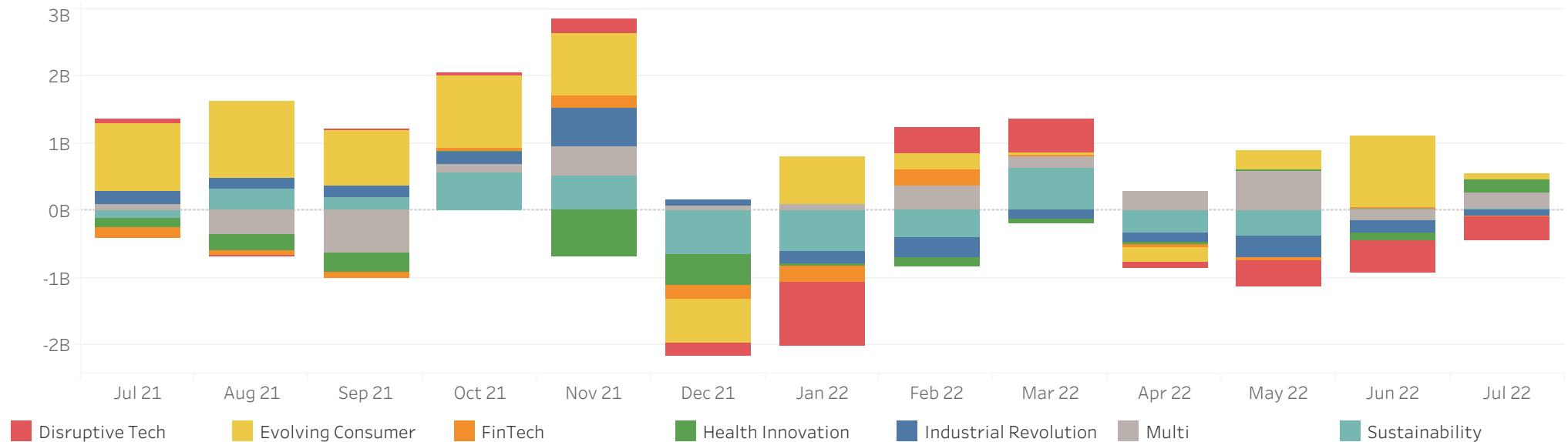
Thematic 1 Week Flow Laggards

Ticker	Fund	
SKYY	First Trust Cloud Computing ETF	(\$156M)
ARKK	ARK Innovation ETF	(\$152M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$58M)
ONLN	ProShares Online Retail ETF	(\$26M)
CLOU	Global X Cloud Computing ETF	(\$19M)
KWEB	KraneShares CSI China Internet ETF	(\$12M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$12M)
GXTG	Global X Thematic Growth ETF	(\$9M)
XITK	SPDR FactSet Innovative Technology ETF	(\$7M)
ICLN	iShares Global Clean Energy ETF	(\$6M)

Thematic Landscape Assets & Flows

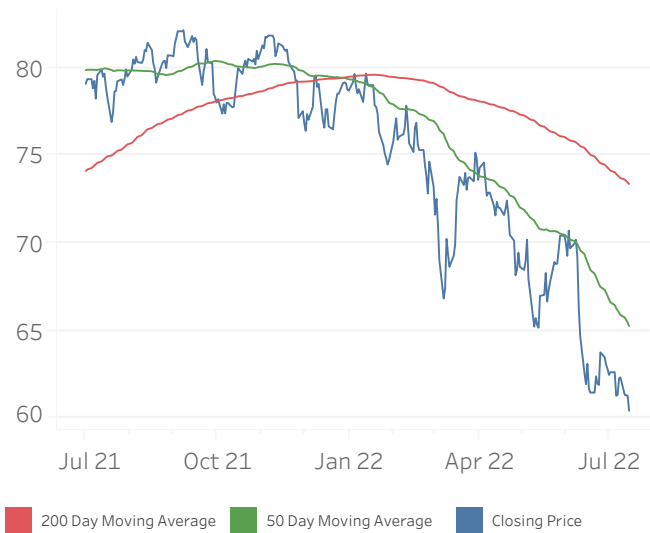
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$18B	(\$233M)	(\$1,162M)	(\$855M)	(\$1,207M)
Evolving Consumer	48	\$12B	(\$47M)	\$1,132M	\$1,424M	\$6,546M
FinTech	23	\$3B	\$0M	(\$105M)	\$76M	(\$365M)
Health Innovation	18	\$4B	\$20M	\$42M	(\$205M)	(\$1,955M)
Industrial Revolution	31	\$11B	(\$25M)	(\$695M)	(\$1,371M)	(\$10M)
Multi	41	\$16B	(\$94M)	\$955M	\$2,072M	\$1,329M
Sustainability	41	\$17B	\$126M	(\$618M)	(\$703M)	(\$185M)
Grand Total	237	\$81B	(\$254M)	(\$451M)	\$439M	\$4,153M

Thematic Monthly Flows

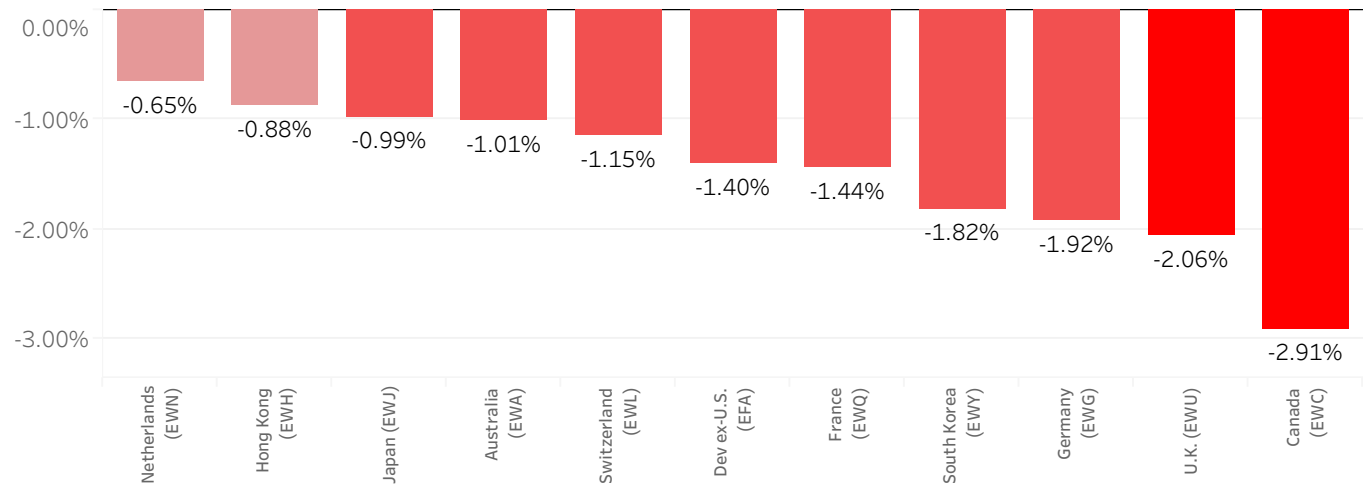


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



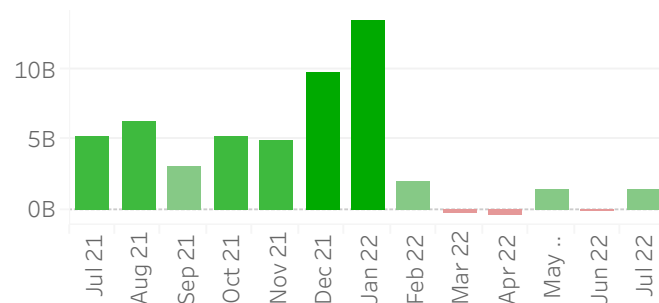
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	0.14%
HEWJ	iShares Currency Hedged MSCI Japan ETF	0.08%
DXJ	WisdomTree Japan Hedged Equity Fund	0.06%
PTIN	Pacer Trendpilot International ETF	0.03%
ENZL	iShares MSCI New Zealand ETF	-0.18%
IHDG	WisdomTree International Hedged Quality Dividend Growth ..	-0.34%
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	-0.42%
GREK	Global X MSCI Greece ETF	-0.50%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	-0.64%
EWN	iShares MSCI Netherlands ETF	-0.65%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	50.71
HEWJ	iShares Currency Hedged MSCI Japan ETF	49.23
ENZL	iShares MSCI New Zealand ETF	46.80
PTIN	Pacer Trendpilot International ETF	46.79
DXJ	WisdomTree Japan Hedged Equity Fund	46.78
ISRA	VanEck Israel ETF	43.99
EWH	iShares MSCI Hong Kong ETF	43.30
EIS	iShares MSCI Israel ETF	41.95
EDEN	iShares MSCI Denmark ETF	40.83
EFG	iShares MSCI EAFE Growth ETF	40.45

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EWI	iShares MSCI Italy ETF	-4.43%
NORW	Global X MSCI Norway ETF	-3.14%
CIL	VictoryShares International Volatility Wtd ETF	-3.13%
EWC	iShares MSCI Canada ETF	-2.91%
FLCA	Franklin FTSE Canada ETF	-2.83%
ISDX	Invesco RAFI Strategic Developed ex-US ETF	-2.71%
BBCA	JPMorgan BetaBuilders Canada ETF	-2.57%
FEP	First Trust Europe AlphaDEX Fund	-2.54%
FDD	First Trust Stoxx European Select Dividend Index Fund	-2.29%
DFIV	Dimensional International Value ETF	-2.27%

Developed ex-U.S. Most Oversold

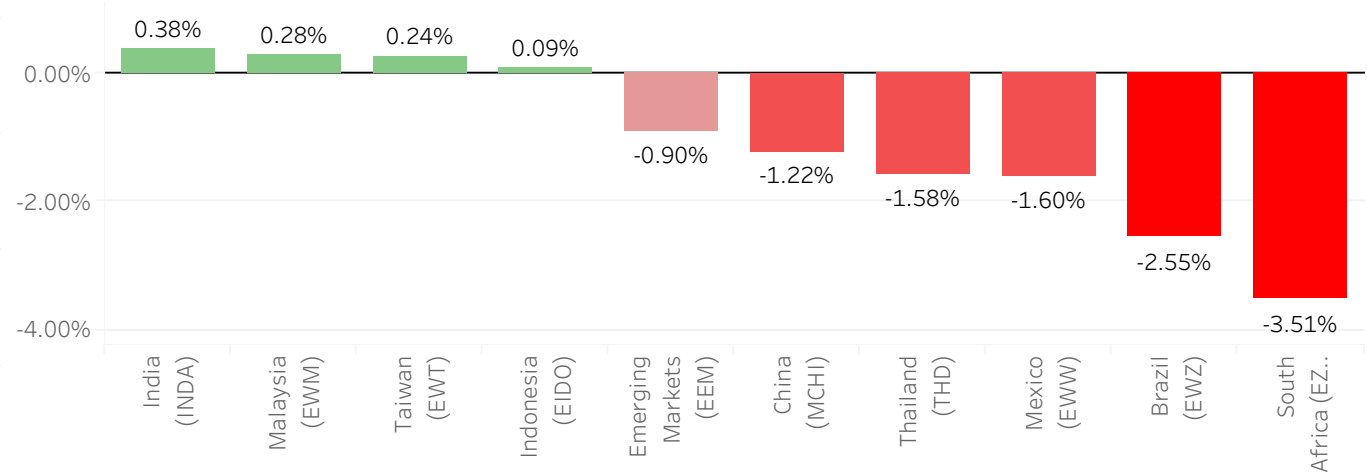
Ticker	Fund	Value
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	23.30
DTH	WisdomTree International High Dividend Fund	24.18
IMFL	Invesco International Developed Dynamic Multifact..	24.30
DWM	WisdomTree International Equity Fund	24.34
DOL	WisdomTree International LargeCap Dividend Fund	24.92
FIDI	Fidelity International High Dividend ETF	25.71
FEP	First Trust Europe AlphaDEX Fund	25.84
EWI	iShares MSCI Italy ETF	25.86
DFE	WisdomTree Europe SmallCap Dividend Fund	25.96
AIVI	WisdomTree International AI Enhanced Value Fund	26.47

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

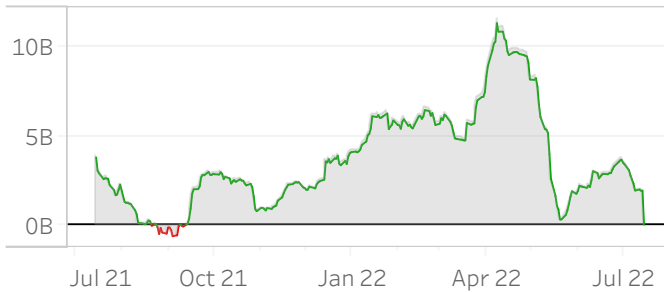
Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



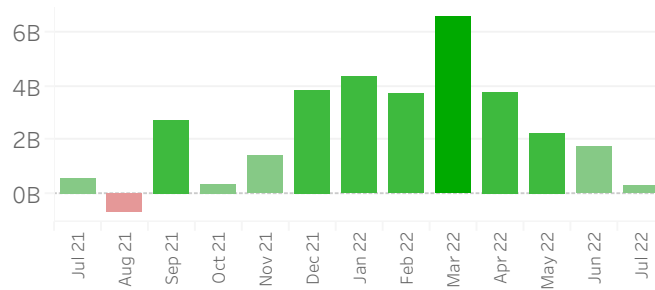
Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
INDA	iShares MSCI India ETF	0.38%
EWM	iShares MSCI Malaysia ETF	0.28%
EWT	iShares MSCI Taiwan ETF	0.24%
FLIN	Franklin FTSE India ETF	0.21%
PIN	Invesco India ETF	0.13%
INDY	iShares India 50 ETF	0.12%
EPI	WisdomTree India Earnings Fund	0.10%
EIDO	iShares MSCI Indonesia ETF	0.09%
CNYA	iShares MSCI China A ETF	0.06%
QAT	iShares MSCI Qatar ETF	0.02%

Emerging Most Overbought

Ticker	Fund	Price
SMIN	iShares MSCI India Small Cap ETF	49.61
KBA	KraneShares Boser MSCI China A 50 Connect Index E..	47.55
CNYA	iShares MSCI China A ETF	47.55
PIN	Invesco India ETF	46.52
INDA	iShares MSCI India ETF	45.90
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	45.87
PGJ	Invesco Golden Dragon China ETF	45.71
FLIN	Franklin FTSE India ETF	45.10
FNI	First Trust Chindia ETF	44.36
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	43.81

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
EZA	iShares MSCI South Africa ETF	-3.51%
ILF	iShares Latin America 40 ETF	-3.09%
EPU	iShares MSCI Peru ETF	-3.01%
ECH	iShares MSCI Chile ETF	-2.93%
EWZ	iShares MSCI Brazil ETF	-2.55%
FLBR	Franklin FTSE Brazil ETF	-2.51%
DVYE	iShares Emerging Markets Dividend ETF	-2.30%
PGJ	Invesco Golden Dragon China ETF	-2.29%
DEM	WisdomTree Emerging Markets High Dividend Fund	-1.94%
SDEM	Global X MSCI SuperDividend Emerging Markets ETF	-1.86%

Emerging Most Oversold

Ticker	Fund	Price
DGS	WisdomTree Emerging Markets SmallCap Dividend F..	23.21
DEM	WisdomTree Emerging Markets High Dividend Fund	23.32
EELV	Invesco S&P Emerging Markets Low Volatility ETF	23.34
DVYE	iShares Emerging Markets Dividend ETF	25.18
EPU	iShares MSCI Peru ETF	25.30
FEMS	First Trust Emerging Markets Small Cap AlphaDEX F..	25.95
EPHE	iShares MSCI Philippines ETF	26.31
SDEM	Global X MSCI SuperDividend Emerging Markets ETF	26.67
FM	iShares MSCI Frontier and Select EM ETF	26.83
ILF	iShares Latin America 40 ETF	27.25

*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	-0.35%	3.05%	-9.84%
SHY	1-3 Year Treasury Bonds	-0.04%	0.75%	-3.23%
IEF	7-10 Year Treasury Bonds	-0.55%	4.49%	-10.33%
TLT	20+ Year Treasury Bonds	-0.82%	6.35%	-21.31%
TIP	TIPS Bonds	-0.25%	0.95%	-8.55%
FLOT	Floating Rate Bonds	0.08%	0.02%	-1.00%
LQD	Investment Grade Corporate	-0.64%	3.56%	-15.16%
HYG	High Yield Corporate	-0.19%	1.77%	-12.28%
BKLN	Senior Loan	-0.10%	-0.26%	-5.58%
PFF	Preferred & Income Securities	-0.48%	3.25%	-14.39%
MUB	Municipal Bonds	0.06%	2.30%	-6.87%
MBB	MBS	-0.31%	3.52%	-8.37%
EMB	Dollar Denominated EM Bonds	-1.75%	-3.12%	-23.18%
LEMB	Local Currency EM Bond	-0.85%	-3.29%	-16.68%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-1.05%	-14.43%	14.88%
DBE	Energy	-0.70%	-18.07%	41.51%
USO	WTI Crude Oil	-0.46%	-17.64%	34.01%
BNO	Brent Crude Oil	0.37%	-15.37%	42.71%
UNG	Natural Gas	1.20%	-8.17%	81.75%
UGA	Gasoline	-1.36%	-18.18%	48.65%
DBP	Precious Metals	-1.94%	-7.06%	-10.68%
GLD	Gold	-1.40%	-5.48%	-6.80%
SLV	Silver	-3.90%	-12.24%	-20.97%
PPLT	abrdn Physical Platin..	-1.22%	-8.40%	-12.96%
PALL	abrdn Physical Palla..	-3.13%	5.84%	1.00%
DBB	Base Metals	-1.61%	-17.20%	-20.62%
CPER	Copper	-2.64%	-22.15%	-28.30%
LD	Lead	-6.42%	-14.46%	-19.07%
JJN	Nickel	-5.97%	-21.76%	-4.64%
JJU	Aluminum	0.26%	-6.87%	-16.76%
JJT	Tin	-8.88%	-23.46%	-37.39%
DBA	Agriculture	-1.21%	-10.05%	-1.16%
CORN	Corn	0.91%	-14.86%	12.77%
SOYB	Soybeans	-0.28%	-11.15%	10.29%
WEAT	Wheat	-1.56%	-23.86%	10.96%
CANE	Sugar	-0.74%	-1.79%	1.63%
BAL	Cotton	-9.05%	-31.52%	-11.27%
NIB	Cocoa	-3.20%	-4.64%	-17.19%
JO	Coffee	-4.78%	-14.80%	-13.20%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.69%	3.09%	13.27%
UDN	Short Dollar	-0.73%	-3.09%	-12.50%
FXE	Euro	-0.43%	-3.91%	-12.44%
FXB	British Pound Sterling	-0.58%	-1.36%	-12.66%
FXF	Swiss Franc	-0.50%	1.72%	-7.85%
FXJ	Japanese Yen	-1.12%	-2.71%	-17.32%
FXC	Canadian Dollar	-0.94%	-1.13%	-3.73%
FXA	Australian Dollar	-0.24%	-1.75%	-7.35%

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