

Large Cap Blend (S&P 500) IVV



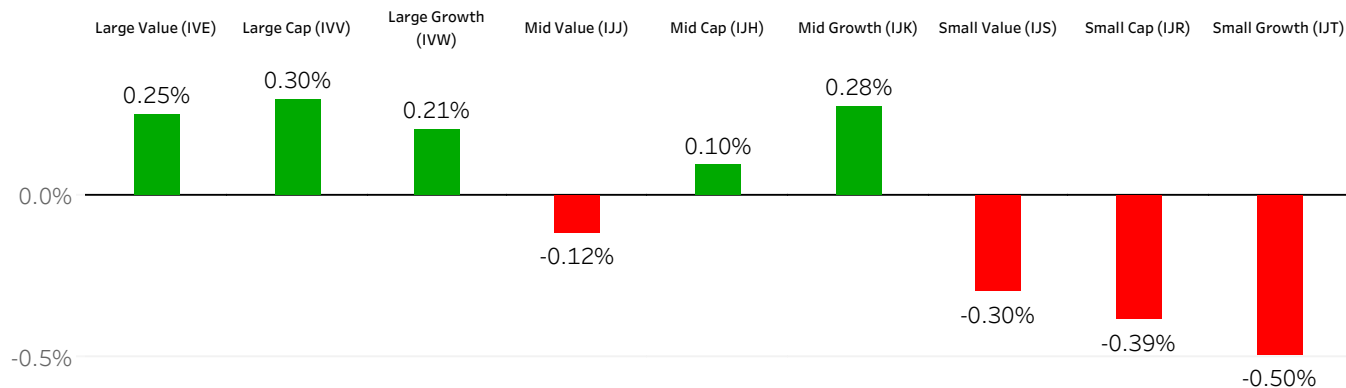
Mid Cap Blend (S&P 400) IJH



Small Cap Blend (S&P 600) IJR



U.S. Size & Style 1-Day Performance



Size & Style 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
USXF	iShares ESG Advanced MSCI USA ETF	1.35%
LCG	Sterling Capital Focus Equity ETF	0.96%
EQRR	ProShares Equities for Rising Rates ETF	0.86%
NULG	Nuveen ESG Large-Cap Growth ETF	0.80%
SPHQ	Invesco S&P 500 Quality ETF	0.75%
USSG	Xtrackers MSCI USA ESG Leaders Equity ETF	0.71%
QVAL	Alpha Architect U.S. Quantitative Value ETF	0.68%
SUSL	iShares ESG MSCI USA Leaders ETF	0.66%
DWAS	Invesco DWA SmallCap Momentum ETF	0.66%
VIG	Vanguard Dividend Appreciation ETF	0.64%

Size & Style Most Overbought

Ticker	Fund	Price
SPC	CrossingBridge Pre-Merger SPAC ETF	53.64
SPLV	Invesco S&P 500 Low Volatility ETF	45.78
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	45.73
HUSV	First Trust Horizon Managed Volatility Domestic ETF	44.98
ALTL	Pacer Lunt Large Cap Alternator ETF	44.76
LVHD	Legg Mason Low Volatility High Dividend ETF	44.37
NOBL	ProShares S&P 500 Dividend Aristocrats ETF	44.12
DVOL	First Trust Dorsey Wright Momentum & Low Volatility ETF	44.11
XRLV	Invesco S&P 500 ex-Rate Sensitive Low Volatility ETF	44.04
SDOG	ALPS Sector Dividend Dogs ETF	43.92

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
ACSI	American Customer Satisfaction ETF	-3.64%
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	-1.48%
VEGN	US Vegan Climate ETF	-1.34%
BUZZ	VanEck Social Sentiment ETF	-0.95%
DUSA	Davis Select U.S. Equity ETF	-0.89%
IPO	Renaissance IPO ETF	-0.89%
SIXS	ETC 6 Meridian Small Cap Equity ETF	-0.77%
TMFM	Motley Fool Mid-Cap Growth ETF	-0.71%
DGRS	WisdomTree US Smallcap Quality Dividend Growth Fund	-0.71%
VTWG	Vanguard Russell 2000 Growth ETF	-0.70%

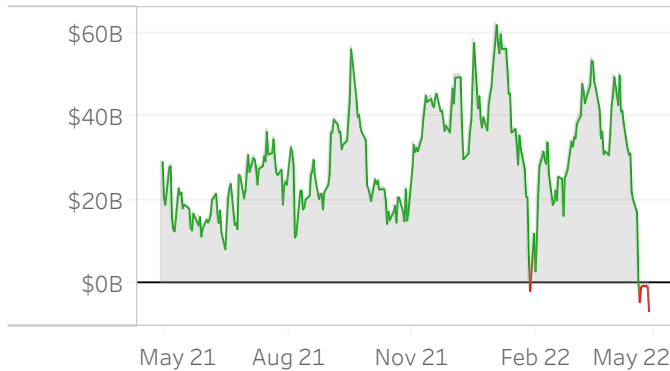
Size & Style Most Oversold

Ticker	Fund	Price
QVML	Invesco S&P 500 QVM Multi-factor ETF	23.93
FFTY	Innovator IBD 50 ETF	26.15
ACSI	American Customer Satisfaction ETF	27.51
QQH	HCM Defender 100 Index ETF	28.76
LGH	HCM Defender 500 Index ETF	29.39
DUSA	Davis Select U.S. Equity ETF	29.55
SIXS	ETC 6 Meridian Small Cap Equity ETF	29.76
ABEQ	Absolute Core Strategy ETF	29.94
MXDU	Nationwide Maximum Diversification US Core Equit..	30.07
EQWL	Invesco S&P 100 Equal Weight ETF	30.14

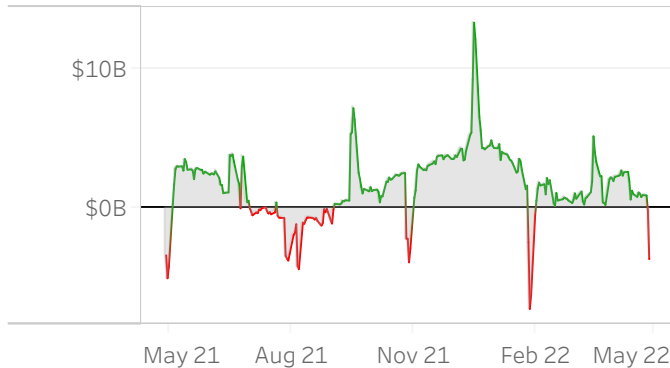
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

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

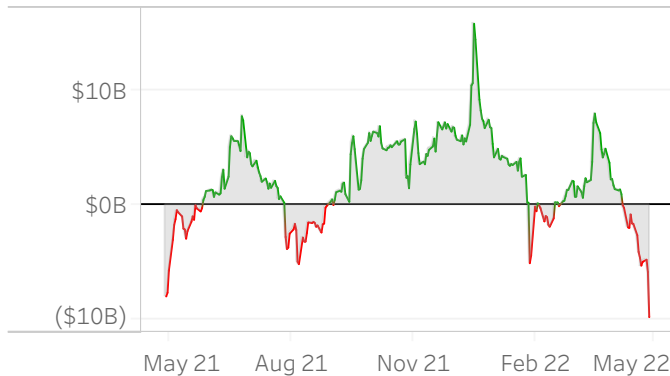
Large-Cap 30-Day Rolling Flows



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	26	\$1,230B	\$2.54B	\$13.82B	\$41.35B	\$117.00B
Large Cap, Beta Growth, Beta: Growth	10	\$226B	\$0.16B	\$4.06B	\$4.07B	\$13.13B
Large Cap, Beta Growth, Beta: Value	11	\$220B	\$0.12B	\$9.10B	\$16.52B	\$28.10B
Mid Cap, Beta, Beta	10	\$178B	(\$0.23B)	\$1.53B	\$7.15B	\$9.96B
Mid Cap, Beta, Beta: Growth	6	\$33B	(\$0.13B)	(\$0.36B)	\$0.03B	(\$0.58B)
Mid Cap, Beta, Beta: Value	6	\$41B	(\$0.14B)	(\$0.45B)	\$0.13B	\$1.34B
Small Cap, Beta, Beta	12	\$196B	(\$0.83B)	(\$2.18B)	\$4.84B	\$12.42B
Small Cap, Beta, Beta: Growth	7	\$31B	(\$0.08B)	\$0.15B	\$0.70B	\$0.36B
Small Cap, Beta, Beta: Value	7	\$52B	(\$0.26B)	(\$3.41B)	(\$1.92B)	(\$1.52B)

U.S. Size & Style Flow Leaders

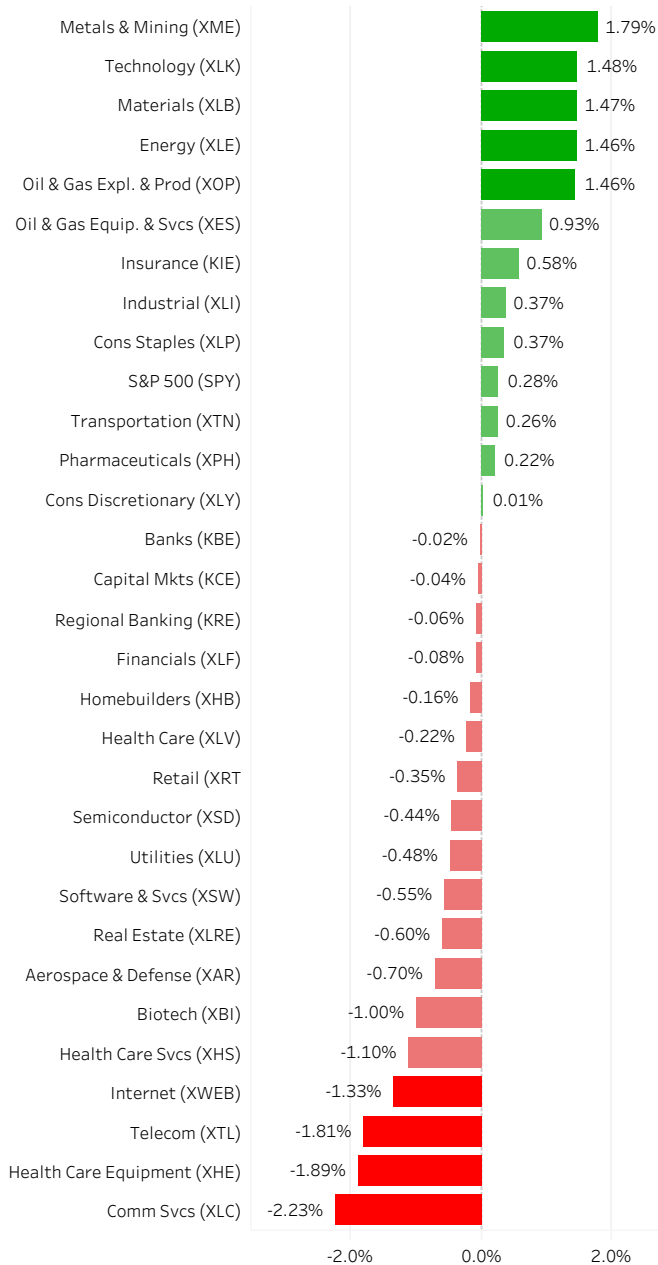
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$1.01B	(\$7.80B)	\$0.52B	\$19.15B	\$376.60B
VOO	Vanguard S&P 500 ETF	\$0.92B	\$10.37B	\$17.15B	\$41.10B	\$258.85B
VTI	Vanguard Total Stock Market ETF	\$0.59B	\$6.06B	\$20.34B	\$40.79B	\$268.67B
QQQ	Invesco QQQ Trust	\$0.56B	\$6.23B	\$6.77B	\$21.14B	\$171.01B
ESGU	iShares ESG Aware MSCI USA ETF	\$0.35B	\$1.23B	\$3.16B	\$8.03B	\$23.66B
IVV	iShares Core S&P 500 ETF	\$0.23B	\$1.84B	\$10.16B	\$20.21B	\$295.79B
VO	Vanguard Mid-Cap ETF	\$0.21B	\$0.77B	\$3.43B	\$6.32B	\$51.71B
IVE	iShares S&P 500 Value ETF	\$0.21B	\$0.62B	\$2.12B	\$2.16B	\$24.77B
SCHD	Schwab US Dividend Equity ETF	\$0.18B	\$3.26B	\$5.30B	\$10.49B	\$34.45B
COWZ	Pacer US Cash Cows 100 ETF	\$0.16B	\$2.69B	\$3.48B	\$3.96B	\$4.43B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SCHX	Schwab U.S. Large-Cap ETF	(\$0.38B)	\$0.31B	\$0.77B	\$2.42B	\$31.05B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.37B)	(\$0.68B)	(\$0.79B)	(\$1.58B)	\$18.36B
VTWO	Vanguard Russell 2000 ETF	(\$0.32B)	\$0.34B	\$1.05B	\$2.29B	\$6.27B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.31B)	\$0.42B	\$0.75B	(\$0.54B)	\$28.65B
IWS	iShares Russell Mid-Cap Value ETF	(\$0.30B)	(\$0.50B)	(\$0.20B)	(\$0.22B)	\$13.84B
IWM	iShares Russell 2000 ETF	(\$0.24B)	(\$3.49B)	(\$2.89B)	(\$1.31B)	\$54.85B
IWN	iShares Russell 2000 Value ETF	(\$0.23B)	(\$1.44B)	(\$1.60B)	(\$2.51B)	\$13.01B
IWD	iShares Russell 1000 Value ETF	(\$0.18B)	(\$1.11B)	(\$0.12B)	\$1.07B	\$54.46B
IJR	iShares Core S&P Small Cap ETF	(\$0.11B)	\$0.24B	\$3.72B	\$4.54B	\$66.78B
HDV	iShares Core High Dividend ETF	(\$0.11B)	\$1.78B	\$1.82B	\$2.22B	\$9.75B

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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	-2.38%	14.32%	3.44%	6.62%	55.67
XLU	Utilities Select Sector SPDR Fund	-5.60%	14.90%	0.81%	5.56%	39.91
XLB	Materials Select Sector SPDR Fund	-5.73%	7.98%	-0.44%	-0.09%	42.20
XLRE	Real Estate Select Sector SPDR Fund	-7.20%	17.15%	1.58%	1.27%	45.73
XLE	Energy Select Sector SPDR Fund	-7.60%	63.49%	-0.35%	23.38%	43.97
XLV	Health Care Select Sector SPDR Fund	-7.65%	8.72%	-1.77%	-1.03%	38.57
XLI	Industrial Select Sector SPDR Fund	-9.78%	1.09%	-3.49%	-5.71%	34.82
SPY	SPDR S&P 500 ETF Trust	-12.65%	2.93%	-4.70%	-7.06%	33.50
XLF	Financial Select Sector SPDR Fund	-14.80%	0.51%	-6.69%	-8.66%	30.06
XLK	Technology Select Sector SPDR Fund	-19.68%	8.06%	-6.25%	-10.49%	37.93
XLV	Consumer Discretionary Select Sector SPDR Fund	-20.47%	3.04%	-5.36%	-10.52%	36.31
XLC	Communication Services Select Sector SPDR Fund	-31.69%	0.00%	-11.99%	-22.79%	27.21

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
PXI	Invesco DWA Energy Momentum ETF	2.00%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	1.80%
XME	SPDR S&P Metals & Mining ETF	1.79%
PXE	Invesco Dynamic Energy Exploration & Production ..	1.79%
RTM	Invesco S&P 500 Equal Weight Materials ETF	1.59%
IYE	iShares U.S. Energy ETF	1.58%
RYE	Invesco S&P 500 Equal Weight Energy ETF	1.58%
BIZD	VanEck BDC Income ETF	1.55%
FXN	First Trust Energy AlphaDEX Fund	1.55%
VDE	Vanguard Energy ETF	1.49%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	58.59
IYK	iShares U.S. Consumer Staples ETF	57.75
XLP	Consumer Staples Select Sector SPDR Fund	55.67
FTXG	First Trust Nasdaq Food & Beverage ETF	54.45
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER STAPLES..	54.04
VDC	Vanguard Consumer Staples ETF	53.72
FXG	First Trust Consumer Staples AlphaDEX Fund	53.70
PBJ	Invesco Dynamic Food & Beverage ETF	50.28
NURE	Nuveen Short-Term REIT ETF	48.44
INDS	Pacer Benchmark Industrial Real Estate SCTR ETF	48.36

Sector & Industry 1 Day Performance Laggards

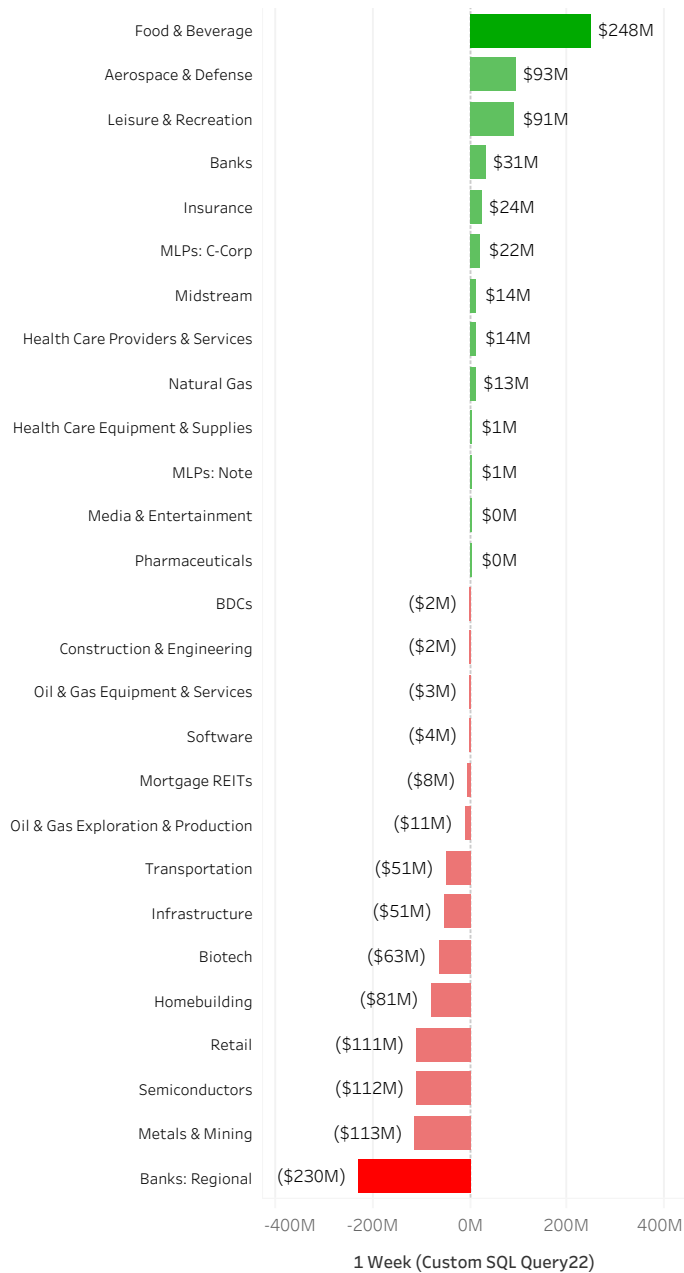
Ticker	Fund	1 Day Performance
IGN	iShares North American Tech-Multimedia Networking ..	-3.24%
XLC	Communication Services Select Sector SPDR Fund	-2.23%
FCOM	Fidelity MSCI Communication Services Index ETF	-2.20%
VOX	Vanguard Communication Services ETF	-2.11%
XHE	SPDR S&P Health Care Equipment ETF	-1.89%
XTL	SPDR S&P Telecom ETF	-1.81%
IYZ	iShares U.S. Telecommunications ETF	-1.74%
KBWY	Invesco KBW Premium Yield Equity REIT ETF	-1.68%
FDN	First Trust Dow Jones Internet Index Fund	-1.63%
REZ	iShares Residential and Multisector Real Estate ETF	-1.33%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IYZ	iShares U.S. Telecommunications ETF	26.52
FCOM	Fidelity MSCI Communication Services Index ETF	26.72
VOX	Vanguard Communication Services ETF	26.86
XLC	Communication Services Select Sector SPDR Fund	27.21
KBWD	Invesco KBW High Dividend Yield Financial ETF	29.67
IYF	iShares U.S. Financials ETF	29.74
KBWB	Invesco KBW Bank ETF	29.86
XLF	Financial Select Sector SPDR Fund	30.06
FNCL	Fidelity MSCI Financials Index ETF	30.11
VFH	Vanguard Financials ETF	30.19

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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	\$15B	\$20M	(\$328M)	(\$1,572M)	\$622M
Consumer Discretionary	13	\$27B	(\$794M)	(\$2,345M)	(\$2,897M)	(\$3,546M)
Consumer Staples	12	\$28B	\$454M	\$2,472M	\$5,794M	\$6,913M
Energy	34	\$75B	(\$483M)	\$298M	\$4,915M	\$4,959M
Financials	28	\$70B	(\$1,195M)	(\$8,827M)	(\$3,655M)	(\$305M)
Health Care	26	\$88B	\$207M	\$3,682M	\$9,075M	\$12,525M
Industrial	14	\$32B	(\$144M)	\$162M	(\$519M)	(\$5,083M)
Materials	10	\$19B	(\$324M)	\$2,192M	\$2,746M	\$2,744M
Multi-Sector	18	\$16B	(\$77M)	(\$4,168M)	(\$4,108M)	(\$2,849M)
Real Estate	23	\$79B	(\$486M)	(\$1,963M)	\$1,917M	\$8,457M
Technology	24	\$126B	(\$186M)	\$1,153M	\$1,192M	\$6,555M
Utilities	10	\$25B	\$358M	\$2,248M	\$3,286M	\$3,419M

U.S. Sector & Industry Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLU	Utilities Select Sector SPDR Fund	\$335M	\$1,387M	\$2,031M	\$1,864M	\$15,406M
FTXG	First Trust Nasdaq Food & Beverage ETF	\$241M	\$335M	\$336M	\$336M	\$768M
XLV	Health Care Select Sector SPDR Fund	\$179M	\$3,301M	\$6,250M	\$9,600M	\$37,330M
XLC	Communication Services Select Sector SPDR Fu..	\$140M	(\$427M)	(\$1,306M)	\$20M	\$10,218M
XLV	Consumer Discretionary Select Sector SPDR Fu..	\$129M	(\$797M)	(\$883M)	(\$1,463M)	\$17,896M
FTXN	First Trust Nasdaq Oil & Gas ETF	\$127M	(\$64M)	\$892M	\$921M	\$1,114M
PEJ	Invesco Dynamic Leisure & Entertainment ETF	\$91M	\$239M	\$146M	(\$419M)	\$1,369M
VGT	Vanguard Information Technology ETF	\$75M	\$1,096M	\$264M	\$2,817M	\$45,021M
XLP	Consumer Staples Select Sector SPDR Fund	\$69M	\$1,234M	\$3,836M	\$4,836M	\$16,803M
ITA	iShares U.S. Aerospace & Defense ETF	\$65M	\$1,323M	\$1,266M	\$887M	\$3,837M

U.S. Sector & Industry Flow Laggards

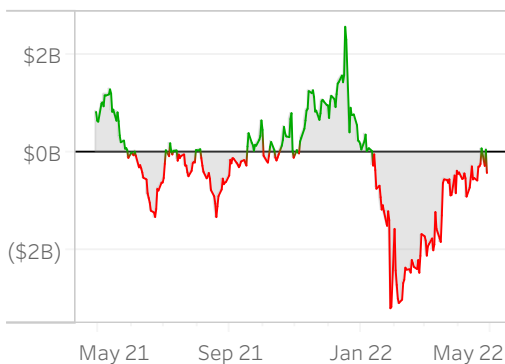
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
FXD	First Trust Consumer Discretionary AlphaDEX F..	(\$727M)	(\$964M)	(\$1,082M)	(\$976M)	\$627M
XLF	Financial Select Sector SPDR Fund	(\$662M)	(\$5,422M)	(\$1,593M)	(\$1,474M)	\$37,649M
XLE	Energy Select Sector SPDR Fund	(\$489M)	(\$2,536M)	\$73M	\$496M	\$35,424M
IYR	iShares U.S. Real Estate ETF	(\$337M)	(\$1,831M)	(\$1,853M)	(\$1,824M)	\$4,982M
VFH	Vanguard Financials ETF	(\$290M)	(\$440M)	\$42M	\$633M	\$10,224M
KRE	SPDR S&P Regional Banking ETF	(\$222M)	(\$805M)	(\$674M)	(\$231M)	\$4,183M
FXZ	First Trust Materials AlphaDEX Fund	(\$167M)	\$1,205M	\$1,222M	\$1,331M	\$1,804M
VNQ	Vanguard Real Estate ETF	(\$142M)	\$5M	\$2,107M	\$5,436M	\$47,170M
XLK	Technology Select Sector SPDR Fund	(\$137M)	\$1,037M	\$1,295M	\$2,472M	\$42,190M
VOX	Vanguard Communication Services ETF	(\$119M)	\$103M	(\$142M)	\$573M	\$3,292M

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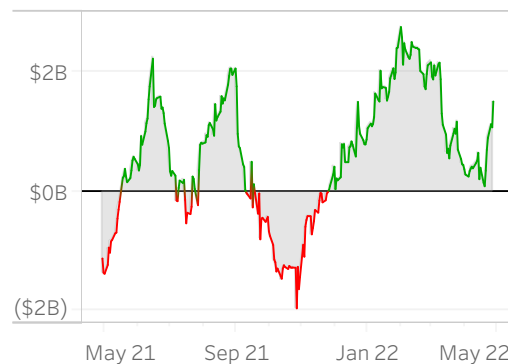
Communication Services



Consumer Discretionary



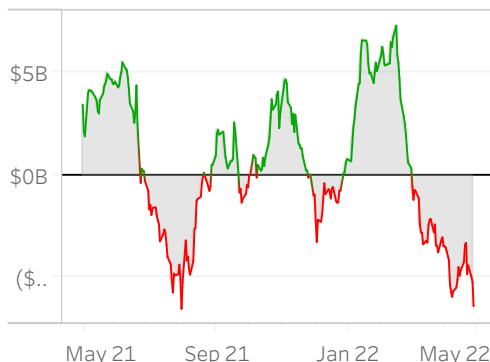
Consumer Staples



Energy



Financials



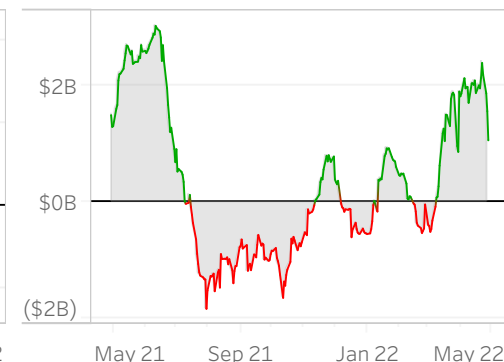
Industrial



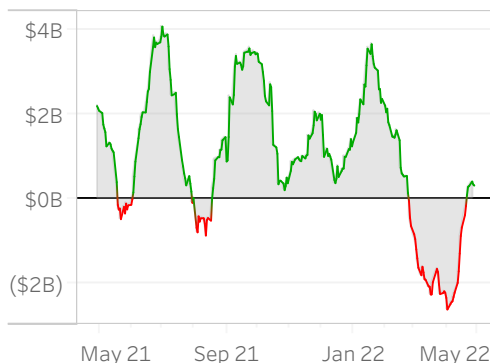
Health Care



Materials



Real Estate



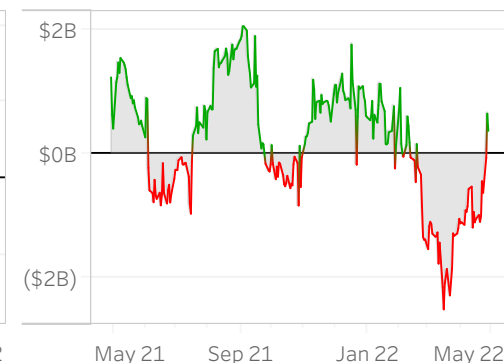
Technology



Utilities

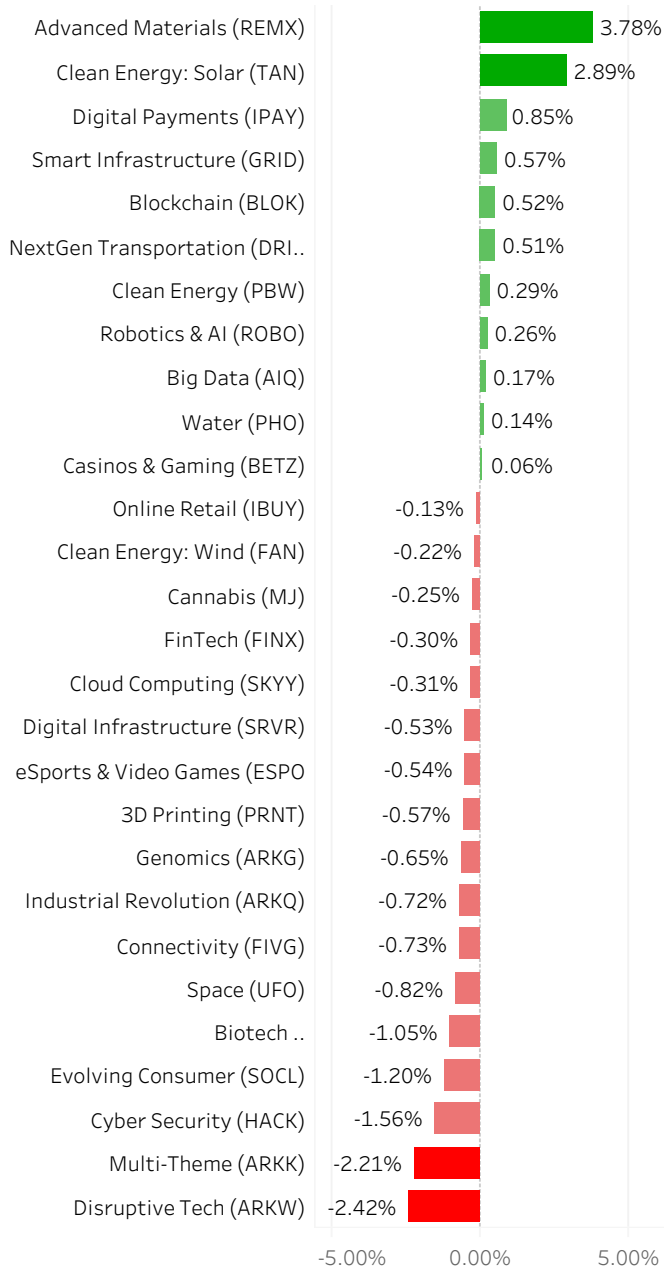


Multi-Sector

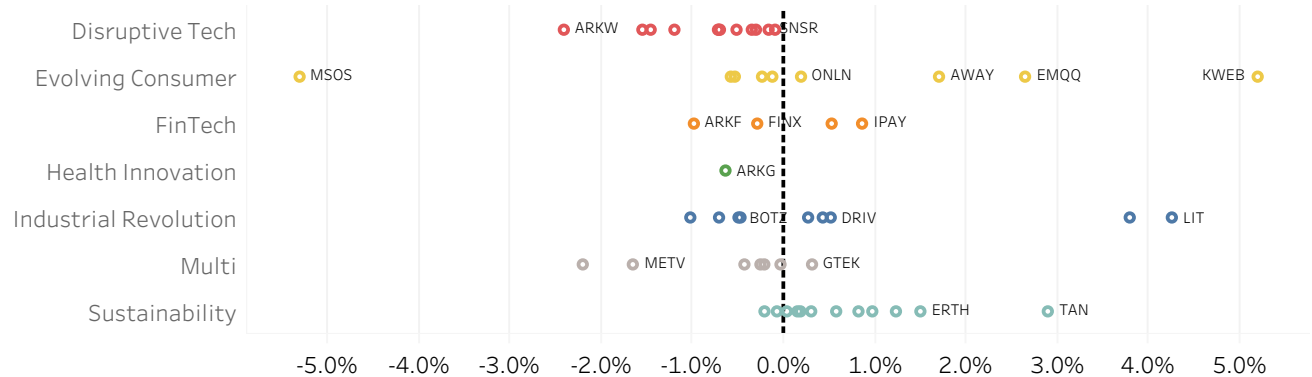


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
KWEB	KraneShares CSI China Internet ETF	5.19%
KGRN	KraneShares MSCI China Clean Technology Index ETF	4.86%
LIT	Global X Lithium & Battery Tech ETF	4.25%
REMX	VanEck Rare Earth/Strategic Metals ETF	3.78%
BATT	Amplify Lithium & Battery Technology ETF	3.12%
TAN	Invesco Solar ETF	2.89%
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	2.64%
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	2.57%
AWAY	ETFMG Travel Tech ETF	1.69%
CTEC	Global X CleanTech ETF	1.67%

Thematic Most Overbought

Ticker	Fund	Price
EVX	VanEck Environmental Services ETF	45.29
AWAY	ETFMG Travel Tech ETF	42.70
KWEB	KraneShares CSI China Internet ETF	42.24
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR ..	40.80
BUG	Global X Cybersecurity ETF	40.44
KGRN	KraneShares MSCI China Clean Technology Index ETF	39.17
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	38.51
VPN	Global X Data Center REITs & Digital Infrastructure ETF	37.93
CIBR	First Trust NASDAQ Cybersecurity ETF	37.12
IHAK	iShares Cybersecurity & Tech ETF	37.00

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
MSOS	AdvisorShares Pure US Cannabis ETF	-5.31%
CNBS	Amplify Seymour Cannabis ETF	-3.74%
YOLO	AdvisorShares Pure Cannabis ETF	-2.83%
ARKW	ARK Next Generation Internet ETF	-2.42%
ARKK	ARK Innovation ETF	-2.21%
METV	Roundhill Ball Metaverse ETF	-1.66%
HACK	ETFMG Prime Cyber Security ETF	-1.56%
BTEC	Principal Healthcare Innovators ETF	-1.48%
CIBR	First Trust NASDAQ Cybersecurity ETF	-1.47%
XITK	SPDR FactSet Innovative Technology ETF	-1.36%

Thematic Most Oversold

Ticker	Fund	Price
MSOS	AdvisorShares Pure US Cannabis ETF	22.11
CNBS	Amplify Seymour Cannabis ETF	22.63
YOLO	AdvisorShares Pure Cannabis ETF	22.93
PRNT	3D Printing ETF	24.88
GDOC	Goldman Sachs Future Health Care Equity ETF	25.84
GAMR	Wedbush ETFMG Video Game Tech ETF	26.88
GBUY	Goldman Sachs Future Consumer Equity ETF	27.06
BOTZ	Global X Robotics & Artificial Intelligence ETF	27.36
HERO	Global X Video Games & Esports ETF	27.54
POTX	Global X Cannabis ETF	27.64

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Thematic 1 Week Flow Leaders

Ticker	Fund	
ARKK	ARK Innovation ETF	\$156M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$60M
BUG	Global X Cybersecurity ETF	\$29M
WCLD	WisdomTree Cloud Computing Fund	\$15M
AWAY	ETFMG Travel Tech ETF	\$11M
ACES	ALPS Clean Energy ETF	\$10M
SAMT	Strategas Macro Thematic Opportunities ETF	\$9M
HYDR	Global X Hydrogen ETF	\$5M
AIQ	Global X Artificial Intelligence & Technology ETF	\$5M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$5M

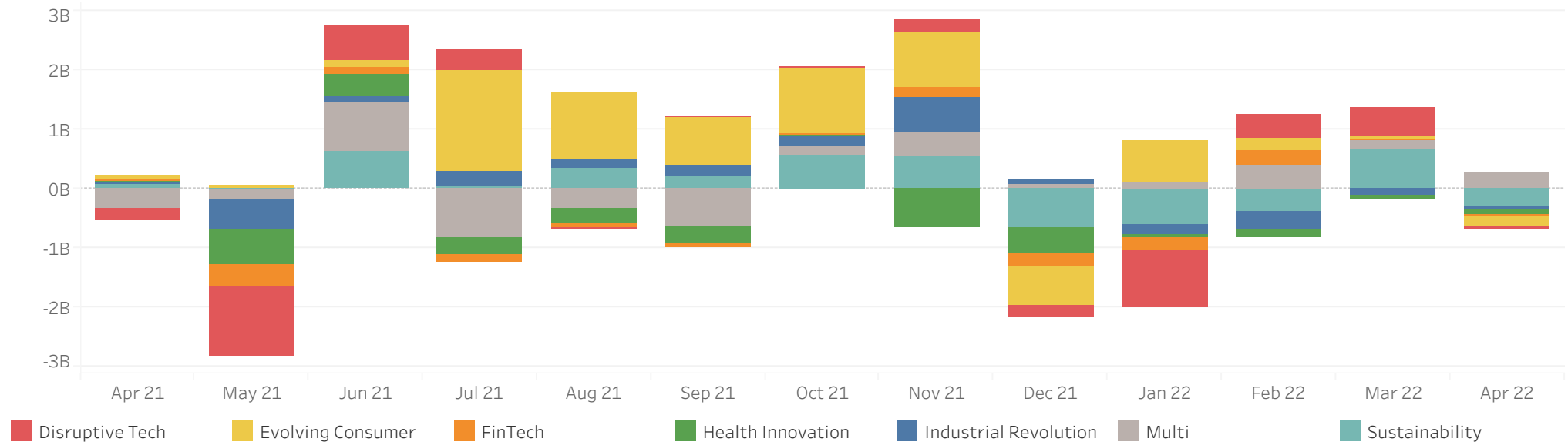
Thematic 1 Week Flow Laggards

Ticker	Fund	
KWEB	KraneShares CSI China Internet ETF	(\$152M)
TAN	Invesco Solar ETF	(\$144M)
ARKG	ARK Genomic Revolution ETF	(\$77M)
ICLN	iShares Global Clean Energy ETF	(\$48M)
BLOK	Amplify Transformational Data Sharing ETF	(\$34M)
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	(\$22M)
SKYY	First Trust Cloud Computing ETF	(\$20M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$16M)
EBIZ	Global X E-Commerce ETF	(\$14M)
RNRG	Global X Funds Global X Renewable Energy Producers ETF	(\$12M)

Thematic Landscape Assets & Flows

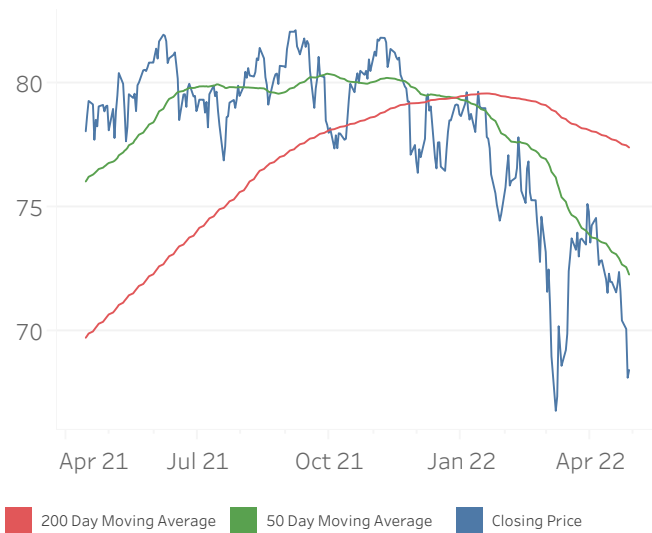
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	36	\$22B	\$79M	\$761M	(\$108M)	(\$507M)
Evolving Consumer	46	\$10B	(\$204M)	\$76M	\$1,082M	\$6,139M
FinTech	22	\$4B	(\$36M)	\$214M	(\$210M)	(\$521M)
Health Innovation	19	\$4B	(\$72M)	(\$239M)	(\$1,424M)	(\$2,398M)
Industrial Revolution	29	\$13B	(\$23M)	(\$590M)	(\$92M)	\$308M
Multi	38	\$17B	\$160M	\$1,055M	\$1,318M	(\$36M)
Sustainability	40	\$18B	(\$212M)	(\$82M)	(\$683M)	\$1,010M
Grand Total	230	\$88B	(\$308M)	\$1,194M	(\$116M)	\$3,995M

Thematic Monthly Flows

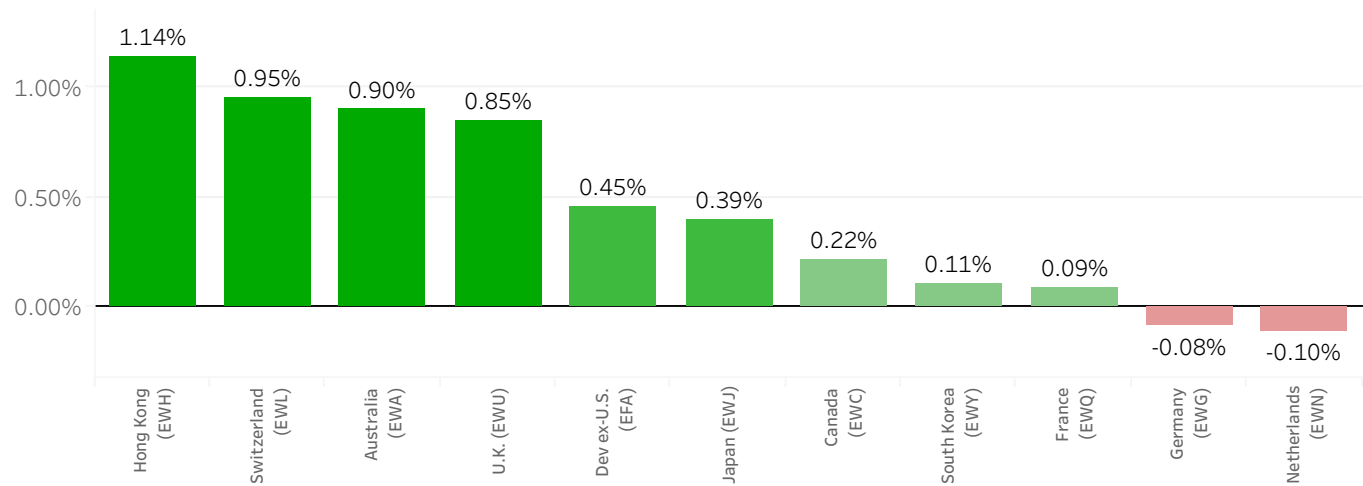


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



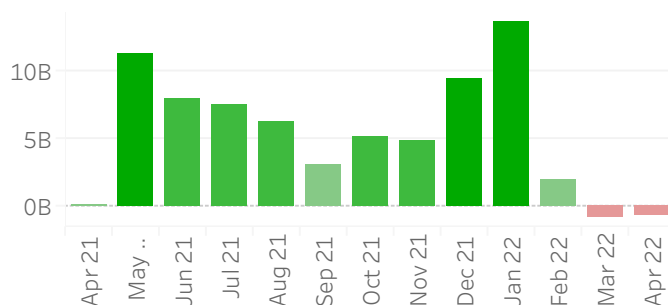
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWD	iShares MSCI Sweden ETF	2.01%
IHDG	WisdomTree International Hedged Quality Dividend Growth ..	2.01%
IQDG	WisdomTree International Quality Dividend Growth Fund	1.68%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	1.30%
EUDG	WisdomTree Europe Quality Dividend Growth Fund	1.28%
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	1.25%
IMOM	Alpha Architect International Quantitative Momentum ETF	1.24%
HEWJ	iShares Currency Hedged MSCI Japan ETF	1.19%
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	1.18%
HEDJ	WisdomTree Europe Hedged Equity Fund	1.15%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	48.88
LVHI	Legg Mason International Low Volatility High Dividend ETF	48.82
GREK	Global X MSCI Greece ETF	46.69
DXJ	WisdomTree Japan Hedged Equity Fund	44.45
HEDJ	WisdomTree Europe Hedged Equity Fund	43.86
HEWJ	iShares Currency Hedged MSCI Japan ETF	43.70
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	43.64
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	43.58
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	42.26
HEZU	iShares Currency Hedged MSCI Eurozone ETF	41.88

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
GREK	Global X MSCI Greece ETF	-1.37%
ISRA	VanEck Israel ETF	-0.73%
EIS	iShares MSCI Israel ETF	-0.71%
EWUS	iShares MSCI United Kingdom Small Cap ETF	-0.63%
ENZL	iShares MSCI New Zealand ETF	-0.49%
DFJ	WisdomTree Japan SmallCap Dividend Fund	-0.34%
FLKR	Franklin FTSE South Korea ETF	-0.29%
EIRL	iShares MSCI Ireland ETF	-0.20%
EWP	iShares MSCI Spain ETF	-0.20%
EWJV	iShares MSCI Japan Value ETF	-0.16%

Developed ex-U.S. Most Oversold

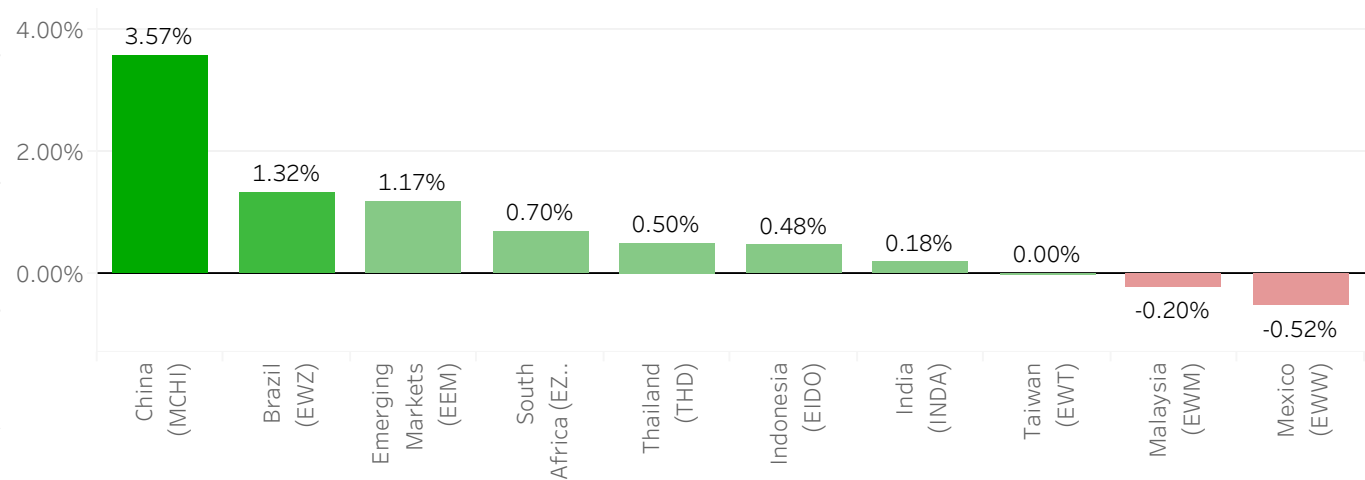
Ticker	Fund	Value
DFJ	WisdomTree Japan SmallCap Dividend Fund	26.13
PTIN	Pacer Trendpilot International ETF	26.16
EWUS	iShares MSCI United Kingdom Small Cap ETF	27.78
RBIN	Nationwide Risk-Based International Equity ETF	28.40
GWX	SPDR S&P International Small Cap ETF	28.40
SCJ	iShares MSCI Japan Small-Cap ETF	29.16
EWC	iShares MSCI Canada ETF	29.24
ENZL	iShares MSCI New Zealand ETF	29.24
BBCA	JPMorgan BetaBuilders Canada ETF	29.38
EFAD	ProShares MSCI EAFE Dividend Growers ETF	29.47

*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)



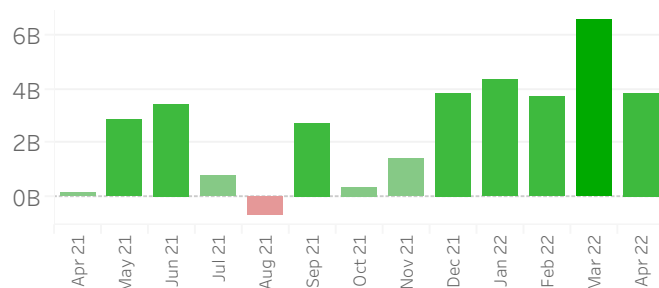
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
PGJ	Invesco Golden Dragon China ETF	4.84%
CNYA	iShares MSCI China A ETF	4.41%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	4.24%
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	4.11%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	3.90%
MCHI	iShares MSCI China ETF	3.57%
GXC	SPDR S&P China ETF	3.37%
FLCH	Franklin FTSE China ETF	3.25%
FXI	iShares China Large-Cap ETF	3.19%
ECNS	iShares MSCI China Small-Cap ETF	2.99%

Emerging Most Overbought

Ticker	Fund	Price
KSA	iShares MSCI Saudi Arabia ETF	61.08
IDX	VanEck Indonesia Index ETF	58.94
EIDO	iShares MSCI Indonesia ETF	58.47
TUR	iShares MSCI Turkey ETF	57.65
NFTY	First Trust India NIFTY 50 Equal Weight ETF	46.28
FLIN	Franklin FTSE India ETF	44.70
SMIN	iShares MSCI India Small Cap ETF	44.37
INDA	iShares MSCI India ETF	43.55
INDY	iShares India 50 ETF	43.44
PIN	Invesco India ETF	43.31

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
EPOL	iShares MSCI Poland ETF	-0.99%
QAT	iShares MSCI Qatar ETF	-0.58%
EPHE	iShares MSCI Philippines ETF	-0.57%
EWW	iShares MSCI Mexico ETF	-0.52%
EWM	iShares MSCI Malaysia ETF	-0.20%
EWT	iShares MSCI Taiwan ETF	0.00%
PIN	Invesco India ETF	0.10%
INDA	iShares MSCI India ETF	0.18%
LDEM	iShares ESG MSCI EM Leaders ETF	0.22%
FLIN	Franklin FTSE India ETF	0.25%

Emerging Most Oversold

Ticker	Fund	Price
EPOL	iShares MSCI Poland ETF	23.04
EZA	iShares MSCI South Africa ETF	24.35
FRDM	Freedom 100 Emerging Markets ETF	24.81
EWM	iShares MSCI Malaysia ETF	26.08
EWT	iShares MSCI Taiwan ETF	26.39
EPOL	iShares MSCI Poland ETF	26.42
ILF	iShares Latin America 40 ETF	27.96
VNM	VanEck Vietnam ETF	28.28
DVYE	iShares Emerging Markets Dividend ETF	28.60
LDEM	iShares ESG MSCI EM Leaders ETF	28.66

*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	-0.40%	-2.28%	-8.85%
SHY	1-3 Year Treasury Bonds	-0.05%	-0.21%	-2.73%
IEF	7-10 Year Treasury Bonds	-0.56%	-2.31%	-9.72%
TLT	20+ Year Treasury Bonds	-1.28%	-5.93%	-18.11%
TIP	TIPS Bonds	-0.16%	-2.22%	-4.93%
FLOT	Floating Rate Bonds	0.04%	-0.03%	-0.44%
LQD	Investment Grade Corporate	-0.96%	-4.62%	-13.82%
HYG	High Yield Corporate	-0.49%	-2.37%	-8.09%
BKLN	Senior Loan	0.05%	0.23%	-1.26%
PFF	Preferred & Income Securities	-0.67%	-4.55%	-13.23%
MUB	Municipal Bonds	-0.04%	-2.15%	-7.71%
MBB	MBS	-0.15%	-1.95%	-7.75%
EMB	Dollar Denominated EM Bonds	-0.27%	-3.41%	-14.44%
LEMB	Local Currency EM Bond	-0.37%	-3.03%	-10.12%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	1.02%	0.00%	35.12%
DBE	Energy	0.76%	2.89%	47.37%
USO	WTI Crude Oil	-0.12%	-5.41%	40.49%
BNO	Brent Crude Oil	-0.10%	-9.29%	43.81%
UNG	Natural Gas	5.75%	29.25%	101.68%
UGA	Gasoline	2.44%	0.57%	48.41%
DBP	Precious Metals	-0.78%	-4.93%	1.75%
GLD	Gold	-0.76%	-3.51%	2.94%
SLV	Silver	-0.74%	-8.48%	-0.09%
PPLT	abrdn Physical Platin..	-0.58%	-8.89%	-5.14%
PALL	abrdn Physical Palla..	0.78%	-5.23%	16.90%
DBB	Base Metals	0.82%	-5.43%	10.42%
CPER	Copper	0.37%	-5.63%	-0.77%
LD	Lead	-2.91%	-2.23%	-1.51%
JJN	Nickel	0.34%	-6.53%	61.53%
JJU	Aluminum	1.55%	-14.24%	10.57%
JJT	Tin	-0.65%	-5.15%	3.56%
DBA	Agriculture	0.00%	-0.18%	12.46%
CORN	Corn	1.25%	11.79%	39.51%
SOYB	Soybeans	1.37%	2.89%	26.59%
WEAT	Wheat	-0.18%	2.36%	46.96%
CANE	Sugar	-0.32%	-3.39%	2.28%
BAL	Cotton	4.78%	5.54%	30.56%
NIB	Cocoa	0.08%	-3.90%	-4.59%
JO	Coffee	-2.21%	-3.08%	-4.39%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.62%	4.20%	7.37%
UDN	Short Dollar	-0.61%	-4.17%	-7.34%
FXE	Euro	-0.81%	-3.95%	-7.48%
FXB	British Pound Sterling	-0.32%	-4.92%	-7.31%
FXF	Swiss Franc	-0.71%	-4.09%	-6.23%
FXJ	Japanese Yen	-0.69%	-4.80%	-10.37%
FXC	Canadian Dollar	-0.05%	-2.78%	-1.52%
FXA	Australian Dollar	-0.26%	-5.36%	-2.11%

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