

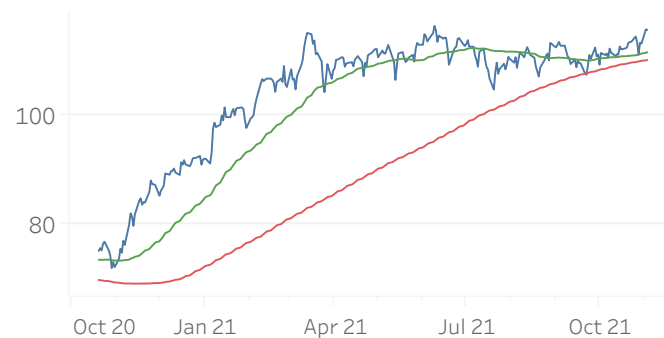
Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

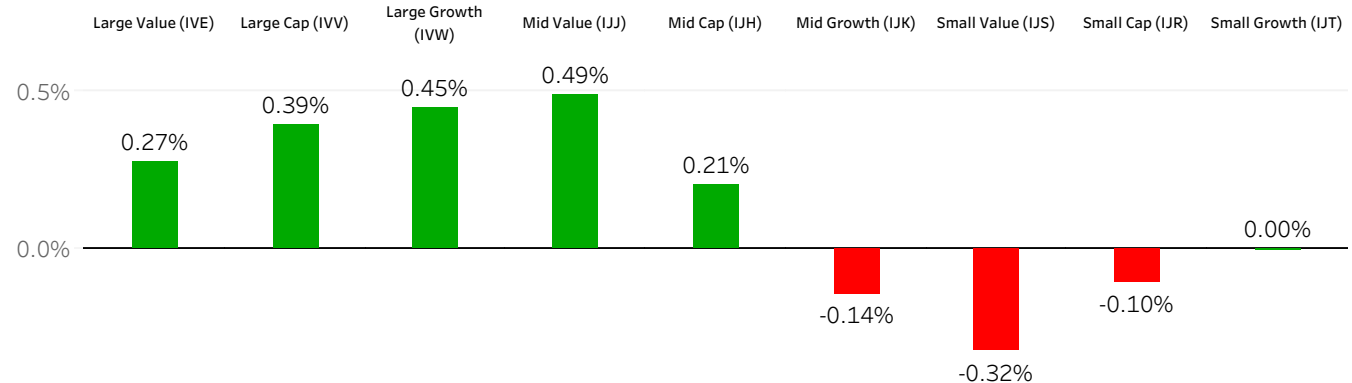


Small Cap Blend (S&P 600) IJR



■ 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
DWEQ	AdvisorShares Dorsey Wright Alpha Equal Weight ETF	3.81%
PKW	Invesco Buyback Achievers ETF	2.15%
PDP	Invesco DWA Momentum ETF	2.12%
XMMO	Invesco S&P MidCap Momentum ETF	1.52%
LGH	HCM Defender 500 Index ETF	1.40%
FDMO	Fidelity Momentum Factor ETF	1.19%
FNJ	First Trust Mid Cap Growth AlphaDEX Fund	1.14%
DVOL	First Trust Dorsey Wright Momentum & Low Volatility E..	1.11%
JOET	Virtus Terranova US Quality Momentum ETF	1.03%
DFNV	TrimTabs Donoghue Forlines Risk Managed Innovation E..	0.91%

Size & Style Most Overbought

Ticker	Fund	Price
USSG	Xtrackers MSCI USA ESG Leaders Equity ETF	79.28
SUSL	iShares ESG MSCI USA Leaders ETF	78.87
DSI	iShares MSCI KLD 400 Social ETF	78.39
SPUS	SP Funds S&P 500 Sharia Industry Exclusions ETF	77.77
NULG	Nuveen ESG Large-Cap Growth ETF	76.65
DWEQ	AdvisorShares Dorsey Wright Alpha Equal Weight ETF	76.27
RPG	Invesco S&P 500 Pure Growth ETF	76.09
EFIV	SPDR S&P 500 ESG ETF	75.43
PDP	Invesco DWA Momentum ETF	75.24
FEVR	Inspire Faithward Large Cap Momentum ESG ETF	74.95

Size & Style 1-Day Performance Laggards

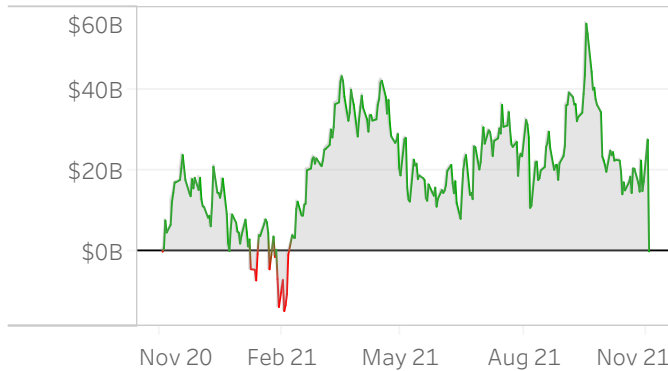
Ticker	Fund	1-Day Performance
RZV	Invesco S&P Smallcap 600 Pure Value ETF	-1.08%
IPO	Renaissance IPO ETF	-0.77%
MFMS	Motley Fool Small-Cap Growth ETF	-0.74%
XMVM	Invesco S&P MidCap Value with Momentum ETF	-0.65%
FDM	First Trust Dow Jones Select MicroCap Index Fund	-0.64%
FCTR	First Trust Lunt U.S. Factor Rotation ETF	-0.56%
RYJ	Invesco Raymond James SB-1 Equity ETF	-0.54%
GURU	Global X Guru Index ETF	-0.51%
FNK	First Trust Mid Cap Value AlphaDEX Fund	-0.48%
GVIP	Goldman Sachs Hedge Industry VIP ETF	-0.48%

Size & Style Most Oversold

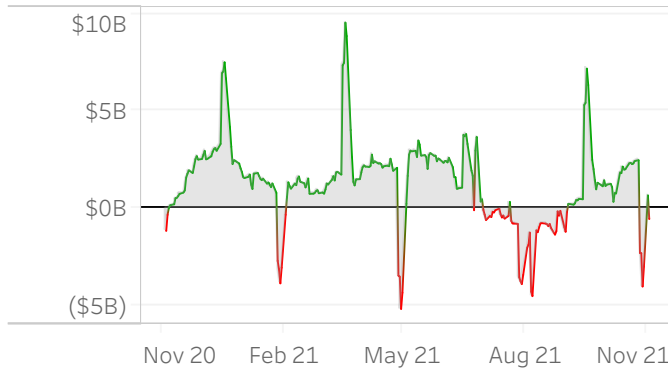
Ticker	Fund	Price
RDIV	Invesco S&P Ultra Dividend Revenue ETF	48.76
WBIY	WBI Power Factor High Dividend ETF	49.42
WBIF	WBI BullBear Value 3000 ETF	50.25
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	51.72
SDOG	ALPS Sector Dividend Dogs ETF	51.84
GVIP	Goldman Sachs Hedge Industry VIP ETF	52.23
DUSA	Davis Select U.S. Equity ETF	52.34
PEY	Invesco High Yield Equity Dividend Achievers ETF	53.43
DVY	iShares Select Dividend ETF	53.89
GURU	Global X Guru Index ETF	53.89

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

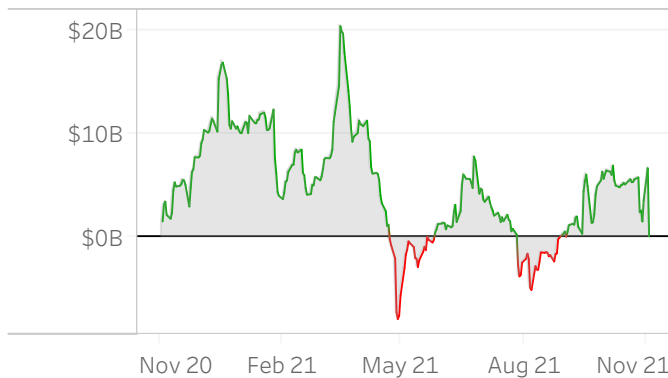
Large-Cap 30-Day Rolling Flows



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	\$1,341B	\$5.14B	\$49.39B	\$72.60B	\$113.10B
Large Cap, Beta Growth, Beta: Value	11	\$208B	\$0.59B	\$5.77B	\$11.56B	\$34.43B
Large Cap, Beta Growth, Beta: Growth	10	\$272B	\$0.51B	\$3.79B	\$9.68B	\$5.82B
Mid Cap, Beta, Beta: Growth	6	\$42B	\$0.10B	\$0.15B	(\$0.56B)	(\$2.12B)
Small Cap, Beta, Beta	12	\$224B	\$0.03B	\$5.84B	\$7.55B	\$26.76B
Mid Cap, Beta, Beta: Value	6	\$42B	\$0.01B	\$0.73B	\$1.23B	\$4.84B
Small Cap, Beta, Beta: Growth	7	\$39B	(\$0.02B)	(\$0.02B)	(\$0.28B)	\$1.20B
Mid Cap, Beta, Beta	10	\$193B	(\$0.03B)	\$2.26B	\$2.38B	\$9.32B
Small Cap, Beta, Beta: Value	7	\$58B	(\$0.13B)	\$0.42B	\$0.34B	\$8.88B

U.S. Size & Style Flow Leaders

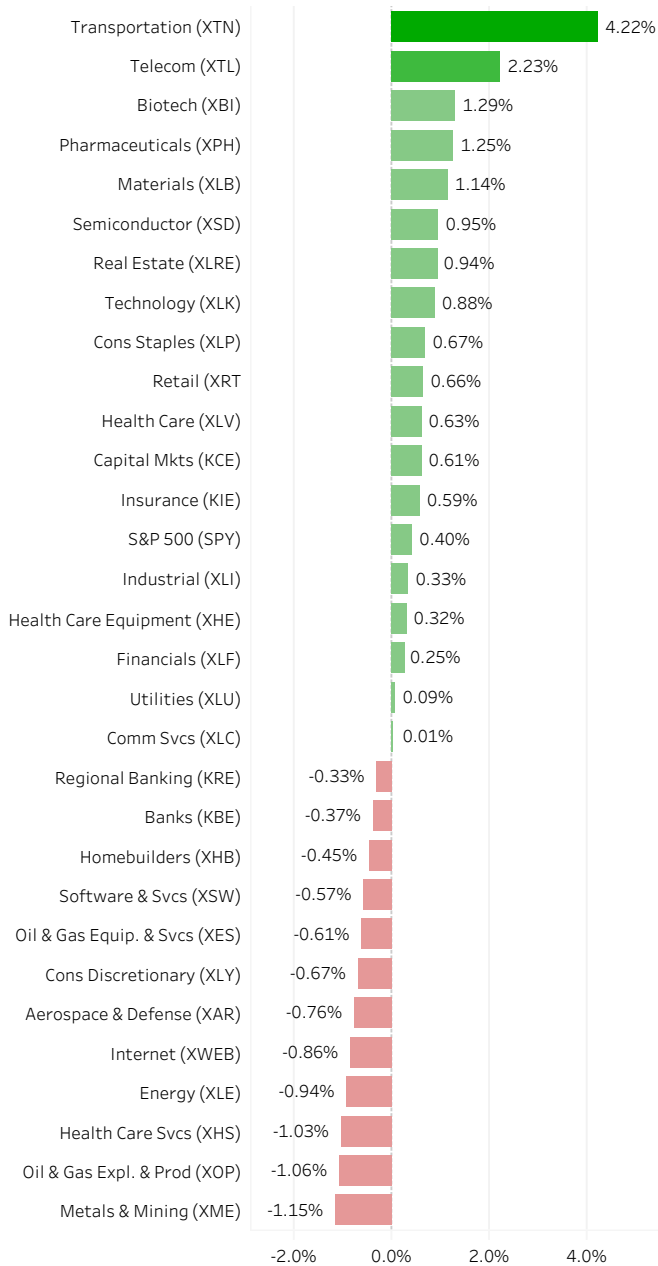
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$2.85B	\$18.41B	\$15.61B	\$21.20B	\$419.40B
QQQ	Invesco QQQ Trust	\$0.82B	\$6.85B	\$14.81B	\$17.02B	\$201.39B
VOO	Vanguard S&P 500 ETF	\$0.59B	\$11.79B	\$24.08B	\$41.72B	\$268.41B
IVV	iShares Core S&P 500 ETF	\$0.46B	\$7.69B	\$9.52B	\$19.11B	\$316.40B
IWD	iShares Russell 1000 Value ETF	\$0.39B	\$1.25B	\$1.36B	\$6.11B	\$56.85B
VTI	Vanguard Total Stock Market ETF	\$0.38B	\$10.68B	\$20.20B	\$44.87B	\$283.29B
PBUS	Invesco PureBeta MSCI USA ETF	\$0.25B	\$0.34B	\$0.35B	\$2.22B	\$2.55B
VUG	Vanguard Growth ETF	\$0.18B	\$0.81B	\$2.89B	\$4.14B	\$88.45B
SPLV	Invesco S&P 500 Low Volatility ETF	\$0.15B	(\$0.03B)	(\$0.27B)	(\$1.71B)	\$8.08B
IJR	iShares Core S&P Small Cap ETF	\$0.14B	\$0.83B	\$0.84B	\$5.09B	\$71.55B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.23B)	(\$0.74B)	(\$1.10B)	(\$0.33B)	\$21.57B
IWM	iShares Russell 2000 ETF	(\$0.14B)	\$2.75B	\$1.80B	\$7.88B	\$70.55B
IJS	iShares S&P Small-Cap 600 Value ETF	(\$0.13B)	(\$0.09B)	(\$0.17B)	\$0.87B	\$8.84B
VLUE	iShares MSCI USA Value Factor ETF	(\$0.12B)	(\$0.38B)	\$0.19B	\$5.24B	\$15.40B
RPG	Invesco S&P 500 Pure Growth ETF	(\$0.05B)	\$0.33B	\$0.24B	(\$0.08B)	\$3.49B
VIOO	Vanguard S&P Small-Cap 600 ETF	(\$0.05B)	(\$0.01B)	\$0.17B	\$0.34B	\$1.83B
RSP	Invesco S&P 500 Equal Weight ETF	(\$0.04B)	\$1.19B	\$2.19B	\$9.31B	\$30.57B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.04B)	(\$1.10B)	(\$1.34B)	(\$0.17B)	\$30.03B
MGC	Vanguard Mega Cap ETF	(\$0.03B)	\$0.04B	\$0.07B	\$0.31B	\$4.35B
JVAL	JPMorgan U.S. Value Factor ETF	(\$0.03B)	(\$0.57B)	(\$0.37B)	\$0.25B	\$0.40B

* 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)
SPY	SPDR S&P 500 ETF Trust	0.00%	29.99%	3.67%	9.52%	71.07
XLK	Technology Select Sector SPDR Fund	0.00%	35.50%	4.21%	12.31%	70.09
XLI	Industrial Select Sector SPDR Fund	-0.38%	24.02%	2.85%	4.86%	63.43
XLF	Financial Select Sector SPDR Fund	-0.59%	48.57%	4.51%	11.31%	62.02
XLY	Consumer Discretionary Select Sector SPDR Fund	-0.67%	32.38%	9.22%	15.18%	77.98
XLRE	Real Estate Select Sector SPDR Fund	-0.72%	37.99%	3.58%	11.52%	66.11
XLP	Consumer Staples Select Sector SPDR Fund	-1.55%	13.49%	1.15%	3.40%	62.27
XLV	Health Care Select Sector SPDR Fund	-1.72%	24.03%	2.39%	7.84%	66.39
XLE	Energy Select Sector SPDR Fund	-2.08%	63.50%	9.66%	14.12%	60.46
XLB	Materials Select Sector SPDR Fund	-2.70%	24.10%	3.62%	5.51%	64.95
XLU	Utilities Select Sector SPDR Fund	-4.08%	15.16%	0.77%	3.17%	57.17
XLC	Communication Services Select Sector SPDR Fund	-6.52%	26.40%	-2.12%	2.36%	46.42

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
PRN	Invesco DWA Industrials Momentum ETF	6.06%
IGN	iShares North American Tech-Multimedia Network..	5.25%
XTN	SPDR S&P Transportation ETF	4.22%
XTL	SPDR S&P Telecom ETF	2.23%
IYZ	iShares U.S. Telecommunications ETF	1.90%
FTXL	First Trust Nasdaq Semiconductor ETF	1.72%
PSCT	Invesco S&P SmallCap Information Technology ETF	1.59%
XBI	SPDR S&P BIOTECH ETF	1.29%
XPH	SPDR S&P Pharmaceuticals ETF	1.25%
SOXX	iShares Semiconductor ETF	1.24%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
PRN	Invesco DWA Industrials Momentum ETF	81.00
XSD	SPDR S&P Semiconductor ETF	78.55
XLY	Consumer Discretionary Select Sector SPDR Fund	77.98
KCE	SPDR S&P Capital Markets ETF	74.40
XTN	SPDR S&P Transportation ETF	73.77
FTXR	First Trust Nasdaq Transportation ETF	73.66
IGN	iShares North American Tech-Multimedia Networking E..	73.49
JHMT	John Hancock Multifactor Technology ETF	73.04
IYT	iShares US Transportation ETF	73.00
FDIS	Fidelity MSCI Consumer Discretionary Index ETF	72.47

Sector & Industry 1 Day Performance Laggards

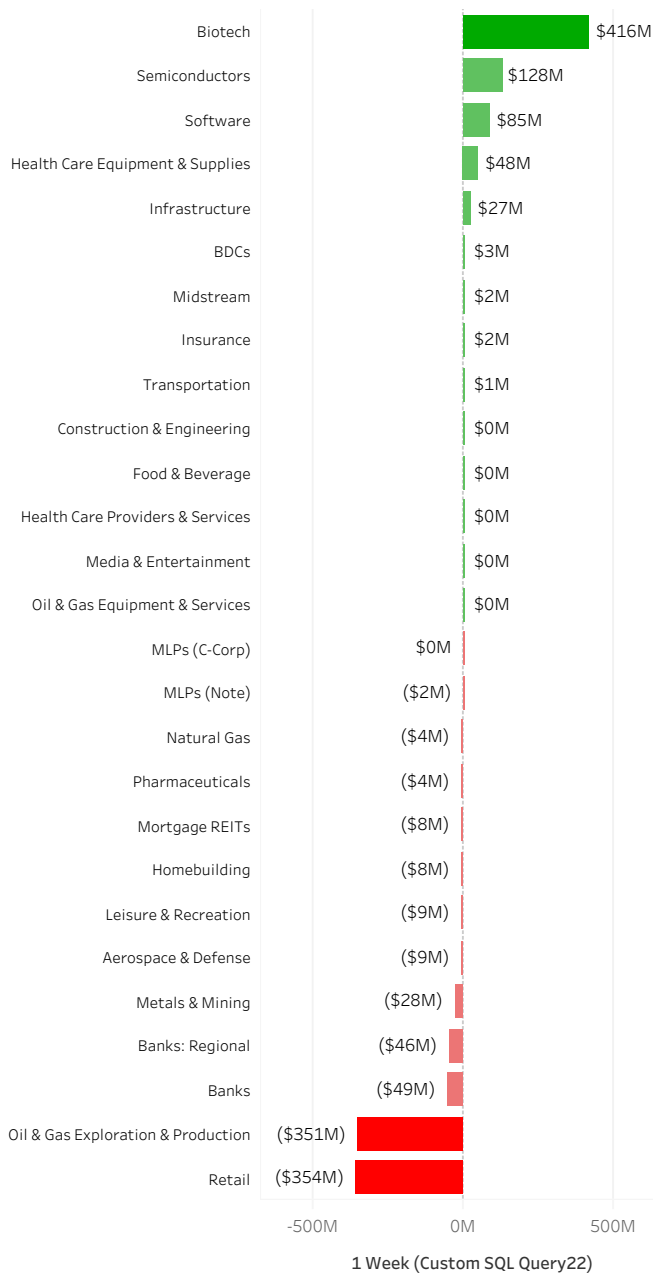
Ticker	Fund	1 Day Performance
PSL	Invesco DWA Consumer Staples Momentum ETF	-1.92%
MORT	VanEck Mortgage REIT Income ETF	-1.48%
REM	iShares Mortgage Real Estate ETF	-1.47%
PSCE	Invesco S&P SmallCap Energy ETF	-1.32%
PSCD	Invesco S&P SmallCap Consumer Discretionary ETF	-1.22%
ITB	iShares U.S. Home Construction ETF	-1.18%
XME	SPDR S&P Metals & Mining ETF	-1.15%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	-1.09%
AIRR	First Trust RBA American Industrial Renaissance ETF	-1.06%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	-1.06%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
ITA	iShares U.S. Aerospace & Defense ETF	41.09
XAR	SPDR S&P Aerospace & Defense ETF	43.99
XLC	Communication Services Select Sector SPDR Fund	46.42
PNQI	Invesco NASDAQ Internet ETF	47.18
PPA	Invesco Aerospace & Defense ETF	47.24
FCOM	Fidelity MSCI Communication Services Index ETF	47.52
VOX	Vanguard Communication Services ETF	48.13
XME	SPDR S&P Metals & Mining ETF	49.46
PBS	Invesco Dynamic Media ETF	50.13
MORT	VanEck Mortgage REIT Income ETF	50.60

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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	\$21B	\$96M	\$1,216M	\$2,125M	\$2,552M
Consumer Discretionary	13	\$37B	(\$390M)	\$169M	(\$783M)	\$2,989M
Consumer Staples	12	\$20B	\$105M	(\$1,351M)	\$1,252M	(\$3,659M)
Energy	34	\$56B	(\$415M)	\$303M	(\$164M)	\$11,090M
Financials	28	\$86B	(\$403M)	\$5,095M	\$2,645M	\$25,001M
Health Care	26	\$90B	\$885M	\$631M	\$4,182M	\$4,286M
Industrial	14	\$35B	(\$305M)	(\$2,287M)	(\$4,374M)	\$3,121M
Materials	10	\$16B	\$50M	(\$1,593M)	(\$123M)	\$4,693M
Multi-Sector	17	\$26B	(\$18M)	\$1,059M	\$1,165M	\$4,039M
Real Estate	22	\$78B	\$849M	\$4,441M	\$7,199M	\$12,997M
Technology	24	\$150B	\$163M	\$4,074M	\$5,251M	\$5,144M
Utilities	10	\$20B	(\$70M)	(\$89M)	\$109M	(\$122M)

U.S. Sector & Industry Flow Leaders

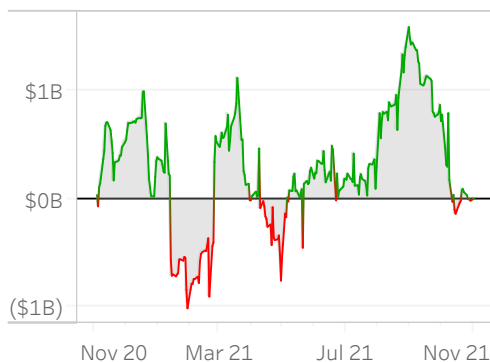
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	\$428M	(\$461M)	\$3,757M	\$2,895M	\$32,173M
XBI	SPDR S&P BIOTECH ETF	\$344M	\$313M	\$247M	\$1,268M	\$7,154M
IYR	iShares U.S. Real Estate ETF	\$331M	\$1,708M	\$342M	\$1,723M	\$7,299M
VNQ	Vanguard Real Estate ETF	\$219M	\$921M	\$3,418M	\$6,002M	\$45,915M
XLRE	Real Estate Select Sector SPDR Fund	\$139M	\$577M	\$1,451M	\$1,710M	\$4,701M
SOXX	iShares Semiconductor ETF	\$116M	\$245M	\$475M	\$1,994M	\$7,877M
XLP	Consumer Staples Select Sector SPDR Fund	\$114M	(\$1,464M)	\$1,130M	(\$3,143M)	\$11,721M
XLC	Communication Services Select Sector SPDR Fu..	\$92M	\$1,077M	\$1,256M	\$1,360M	\$15,082M
RWR	SPDR Dow Jones REIT ETF	\$88M	\$26M	\$83M	\$247M	\$2,035M
IGV	iShares Expanded Tech-Software Sector ETF	\$88M	\$1,167M	\$396M	(\$444M)	\$6,609M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$366M)	(\$278M)	(\$802M)	(\$79M)	\$4,088M
XRT	SPDR S&P Retail ETF	(\$354M)	(\$244M)	\$72M	\$148M	\$862M
XLI	Industrial Select Sector SPDR Fund	(\$327M)	(\$1,798M)	(\$3,377M)	\$738M	\$17,771M
XLF	Financial Select Sector SPDR Fund	(\$322M)	\$2,189M	(\$115M)	\$12,719M	\$45,311M
XLK	Technology Select Sector SPDR Fund	(\$114M)	\$414M	\$998M	(\$147M)	\$47,420M
XLE	Energy Select Sector SPDR Fund	(\$88M)	\$540M	\$346M	\$7,479M	\$27,127M
XLU	Utilities Select Sector SPDR Fund	(\$70M)	(\$257M)	(\$224M)	(\$299M)	\$12,166M
KBE	SPDR S&P Bank ETF	(\$55M)	\$177M	(\$730M)	\$589M	\$3,452M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$50M)	\$719M	(\$599M)	\$599M	\$22,555M
KRE	SPDR S&P Regional Banking ETF	(\$46M)	\$917M	\$191M	\$2,923M	\$5,424M

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Communication Services



Consumer Discretionary



Consumer Staples



Energy



Financials



Industrial



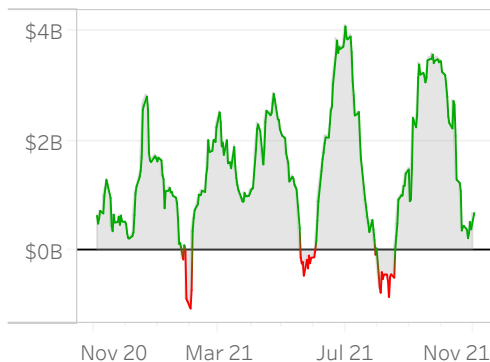
Health Care



Materials



Real Estate



Technology



Utilities

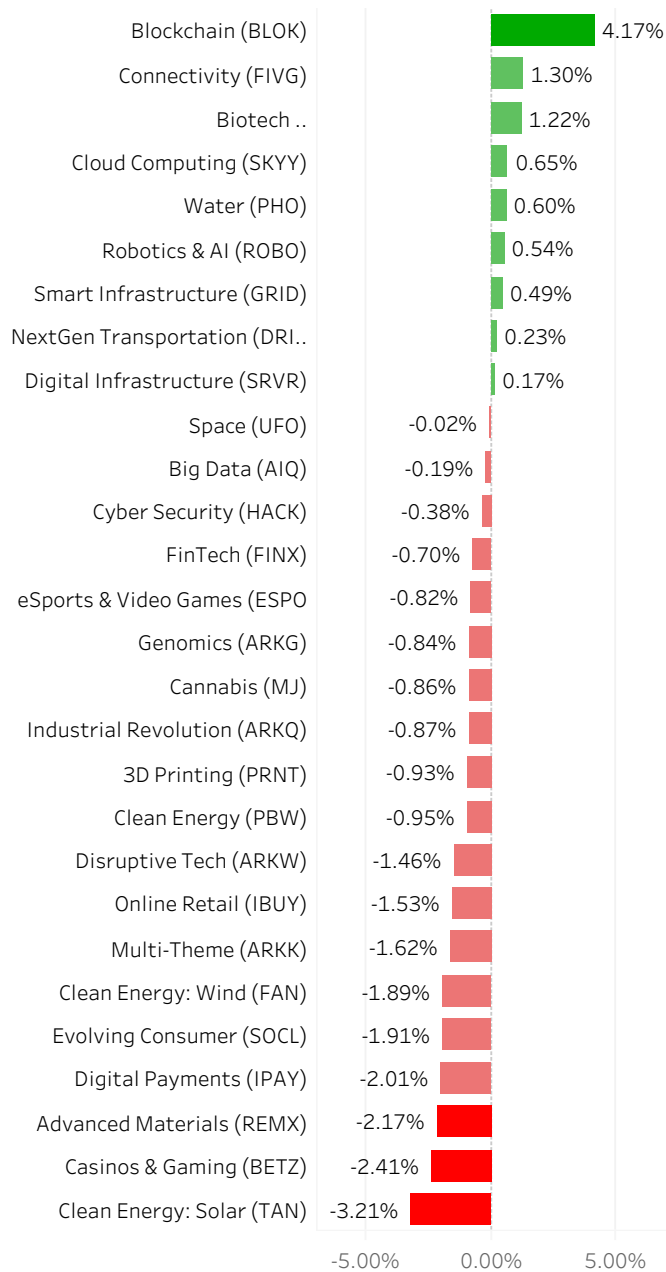


Multi-Sector



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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
BKCH	Global X Blockchain ETF	7.60%
BITQ	Bitwise Crypto Industry Innovators ETF	5.92%
DAPP	VanEck Digital Transformation ETF	5.40%
BLOK	Amplify Transformational Data Sharing ETF	4.17%
HAIL	SPDR S&P Kensho Smart Mobility ETF	2.96%
GERM	ETFMG Treatments Testing and Advancements ETF	1.35%
FIVG	Defiance Next Gen Connectivity ETF	1.30%
SBIO	ALPS Medical Breakthroughs ETF	1.22%
NXTG	First Trust Indxx NextG ETF	1.10%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	1.03%

Thematic Most Overbought

Ticker	Fund	Price
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	78.13
IDRV	iShares Self-driving EV & Tech ETF	77.08
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	76.23
DRIV	Global X Autonomous & Electric Vehicles ETF	75.71
SMOG	VanEck Low Carbon Energy ETF	74.67
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	74.42
HDRO	Defiance Next Gen H2 ETF	73.90
BITQ	Bitwise Crypto Industry Innovators ETF	73.54
PBW	Invesco WilderHill Clean Energy ETF	73.52
ACES	ALPS Clean Energy ETF	73.28

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
KWEB	KraneShares CSI China Internet ETF	-3.78%
TAN	Invesco Solar ETF	-3.21%
MSOS	AdvisorShares Pure US Cannabis ETF	-2.82%
CTEC	Global X CleanTech ETF	-2.56%
EMQQ	Emerging Markets Internet & Ecommerce ETF	-2.53%
CNRG	SPDR S&P Kensho Clean Power ETF	-2.46%
BETZ	Roundhill Sports Betting & iGaming ETF	-2.41%
REMX	VanEck Rare Earth/Strategic Metals ETF	-2.17%
YOLO	AdvisorShares Pure Cannabis ETF	-2.14%
AWAY	ETFMG Travel Tech ETF	-2.12%

Thematic Most Oversold

Ticker	Fund	Price
MSOS	AdvisorShares Pure US Cannabis ETF	32.61
IPAY	ETFMG Prime Mobile Payments ETF	32.65
CNBS	Amplify Seymour Cannabis ETF	36.26
YOLO	AdvisorShares Pure Cannabis ETF	38.31
THCX	Cannabis ETF	40.22
MJ	ETFMG Alternative Harvest ETF	41.66
AWAY	ETFMG Travel Tech ETF	42.30
POTX	Global X Cannabis ETF	42.73
SOCL	Global X Social Media ETF	43.59
BETZ	Roundhill Sports Betting & iGaming ETF	44.64

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Thematic 1 Week Flow Leaders

Ticker	Fund	
TAN	Invesco Solar ETF	\$330M
LIT	Global X Lithium & Battery Tech ETF	\$62M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$61M
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	\$48M
ICLN	iShares Global Clean Energy ETF	\$48M
KWEB	KraneShares CSI China Internet ETF	\$41M
META	Roundhill Ball Metaverse ETF	\$38M
KEMQ	KraneShares Emerging Markets Consumer Technology Index ETF	\$27M
XT	iShares Exponential Technologies ETF	\$19M
BUG	Global X Cybersecurity ETF	\$17M

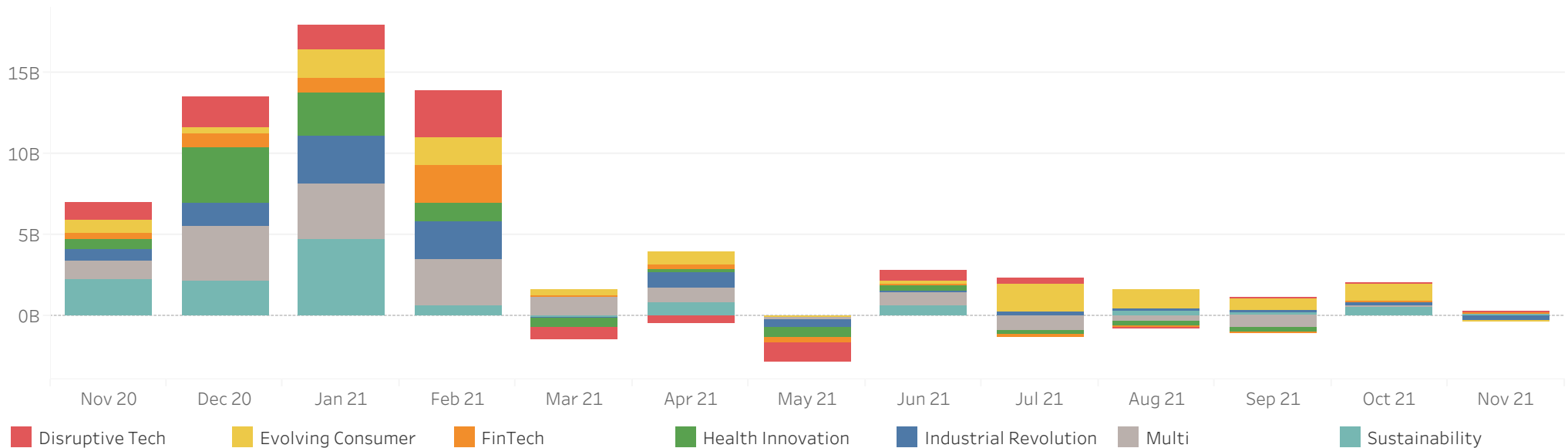
Thematic 1 Week Flow Laggards

Ticker	Fund	
ARKK	ARK Innovation ETF	(\$227M)
PAWZ	ProShares Pet Care ETF	(\$102M)
ARKG	ARK Genomic Revolution ETF	(\$19M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$13M)
HERO	Global X Video Games & Esports ETF	(\$9M)
ARKW	ARK Next Generation Internet ETF	(\$7M)
AWAY	ETFMG Travel Tech ETF	(\$7M)
HACK	ETFMG Prime Cyber Security ETF	(\$6M)
REMX	VanEck Rare Earth/Strategic Metals ETF	(\$6M)
ONLN	ProShares Online Retail ETF	(\$5M)

Thematic Landscape Assets & Flows

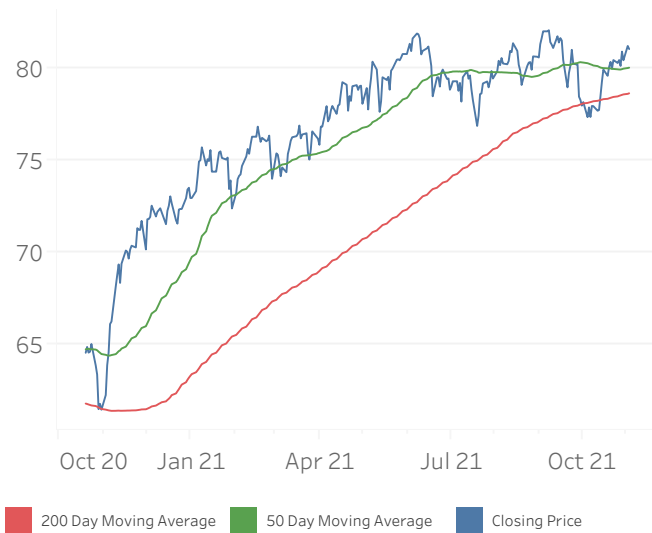
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$30B	\$34M	\$90M	\$0M	\$6,021M
Evolving Consumer	40	\$17B	(\$186M)	\$2,997M	\$4,926M	\$10,764M
FinTech	16	\$8B	\$22M	(\$71M)	(\$474M)	\$4,450M
Health Innovation	15	\$9B	(\$26M)	(\$507M)	(\$986M)	\$6,476M
Industrial Revolution	24	\$18B	\$11M	\$349M	\$123M	\$8,205M
Multi	28	\$30B	(\$243M)	(\$883M)	(\$1,100M)	\$11,721M
Sustainability	36	\$26B	\$359M	\$1,244M	\$1,882M	\$12,652M
Grand Total	194	\$139B	(\$30M)	\$3,219M	\$4,372M	\$60,290M

Thematic Monthly Flows

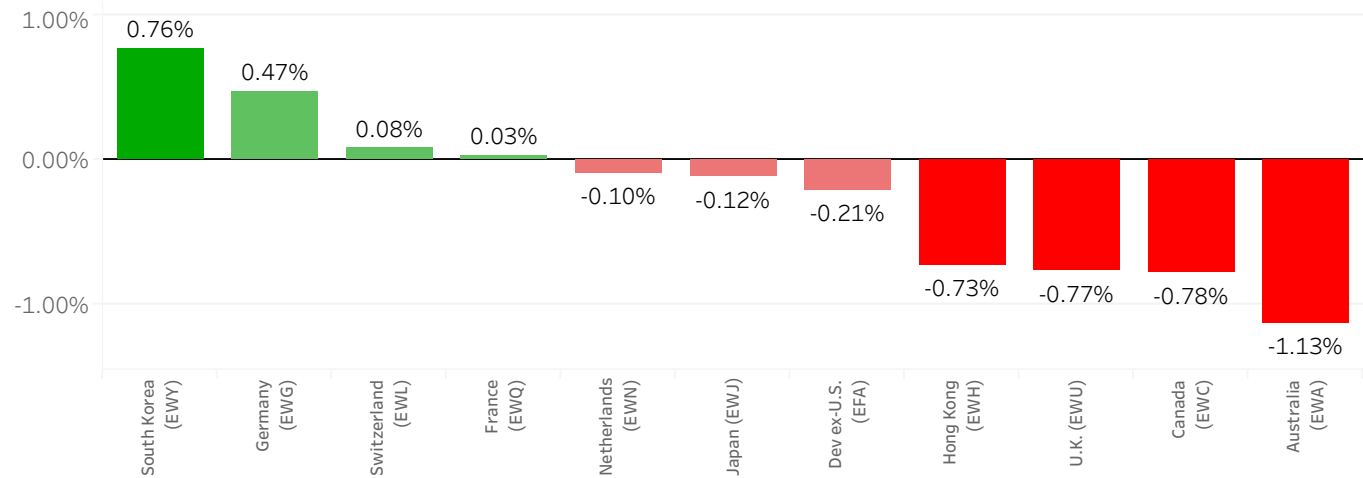


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

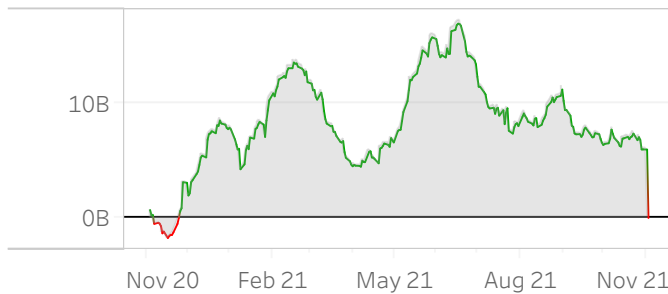
Developed ex-U.S. (EFA)



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



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



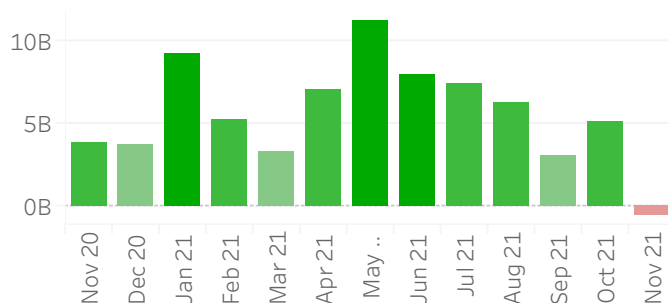
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
FLKR	Franklin FTSE South Korea ETF	0.83%
EWY	iShares MSCI South Korea ETF	0.76%
FGM	First Trust Germany AlphaDEX Fund	0.71%
HEDJ	WisdomTree Europe Hedged Equity Fund	0.68%
HEWG	iShares Currency Hedged MSCI Germany ETF	0.63%
EWG	iShares MSCI Germany ETF	0.47%
IDHQ	Invesco S&P International Developed High Quality ETF	0.33%
EIS	iShares MSCI Israel ETF	0.27%
LVHI	Legg Mason International Low Volatility High Dividend ETF	0.26%
EWS	iShares MSCI Singapore ETF	0.25%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EIS	iShares MSCI Israel ETF	74.40
ISRA	VanEck Israel ETF	70.93
TOK	iShares MSCI Kokusai ETF	70.45
HEDJ	WisdomTree Europe Hedged Equity Fund	70.08
HEZU	iShares Currency Hedged MSCI Eurozone ETF	69.12
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	68.85
EWL	iShares MSCI Switzerland ETF	68.72
HEWG	iShares Currency Hedged MSCI Germany ETF	67.20
HEFA	iShares Currency Hedged MSCI EAFE ETF	66.45
EWQ	iShares MSCI France ETF	65.74

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EIRL	iShares MSCI Ireland ETF	-1.57%
AIA	iShares Asia 50 ETF	-1.36%
IVAL	Alpha Architect International Quantitative Value ETF	-1.23%
EWA	iShares MSCI Australia ETF	-1.13%
EWP	iShares MSCI Spain ETF	-1.11%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	-1.09%
DFE	WisdomTree Europe SmallCap Dividend Fund	-1.06%
EPP	iShares MSCI Pacific ex-Japan ETF	-0.91%
ENZL	iShares MSCI New Zealand ETF	-0.88%
BBAX	JPMorgan BetaBuilders Developed Asia ex-Japan ETF	-0.86%

Developed ex-U.S. Most Oversold

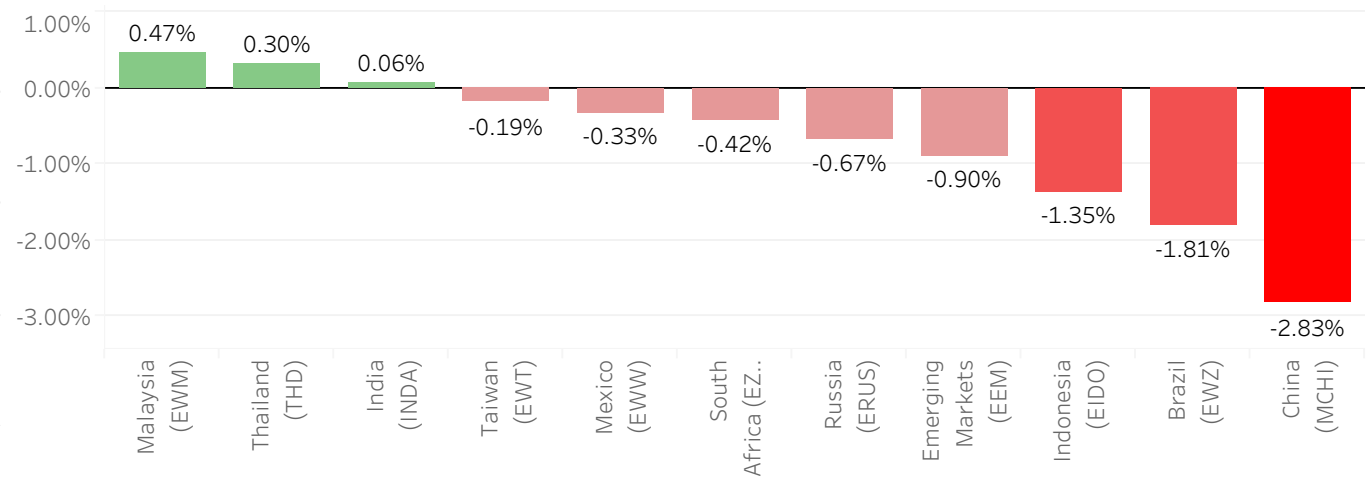
Ticker	Fund	Value
EWUS	iShares MSCI United Kingdom Small Cap ETF	43.73
AAXJ	iShares MSCI All Country Asia ex Japan ETF	45.07
EIRL	iShares MSCI Ireland ETF	45.59
DFJ	WisdomTree Japan SmallCap Dividend Fund	46.01
AIA	iShares Asia 50 ETF	46.11
IVAL	Alpha Architect International Quantitative Value ETF	46.72
DOO	WisdomTree International Dividend ex-Financials Fu..	47.10
EWJV	iShares MSCI Japan Value ETF	47.14
IDV	iShares International Select Dividend ETF	47.86
EWH	iShares MSCI Hong Kong ETF	48.50

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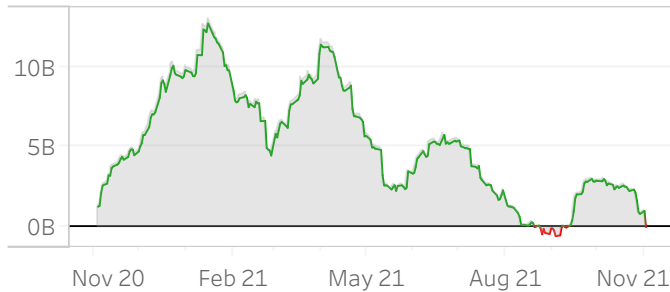
Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



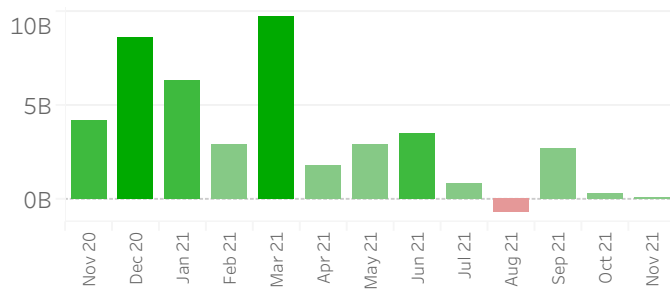
Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
EPHE	iShares MSCI Philippines ETF	0.82%
ECH	iShares MSCI Chile ETF	0.72%
SMIN	iShares MSCI India Small Cap ETF	0.65%
EWM	iShares MSCI Malaysia ETF	0.47%
THD	iShares MSCI Thailand ETF	0.30%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	0.26%
EPI	WisdomTree India Earnings Fund	0.21%
QAT	iShares MSCI Qatar ETF	0.14%
KSA	iShares MSCI Saudi Arabia ETF	0.12%
GLIN	VanEck India Growth Leaders ETF	0.11%

Emerging Most Overbought

Ticker	Fund	Value
FM	iShares MSCI Frontier and Select EM ETF	68.83
VNM	VanEck Vietnam ETF	68.48
QAT	iShares MSCI Qatar ETF	58.95
EPU	iShares MSCI Peru ETF	58.14
KSA	iShares MSCI Saudi Arabia ETF	57.15
EPHE	iShares MSCI Philippines ETF	55.56
EWT	iShares MSCI Taiwan ETF	55.50
PIE	Invesco DWA Emerging Markets Momentum ETF	54.52
TUR	iShares MSCI Turkey ETF	53.40
SMIN	iShares MSCI India Small Cap ETF	53.34

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
ECNS	iShares MSCI China Small-Cap ETF	-3.48%
PGJ	Invesco Golden Dragon China ETF	-2.86%
FLCH	Franklin FTSE China ETF	-2.84%
MCHI	iShares MSCI China ETF	-2.83%
GXC	SPDR S&P China ETF	-2.79%
FXI	iShares China Large-Cap ETF	-2.73%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-2.25%
FLBR	Franklin FTSE Brazil ETF	-2.08%
BKF	iShares MSCI BRIC ETF	-2.00%
SDEM	Global X MSCI SuperDividend Emerging Markets ETF	-1.92%

Emerging Most Oversold

Ticker	Fund	Value
EWZS	iShares MSCI Brazil Small-Cap ETF	32.31
FEMS	First Trust Emerging Markets Small Cap AlphaDEX F..	32.73
FEM	First Trust Emerging Markets AlphaDEX Fund	33.07
SDEM	Global X MSCI SuperDividend Emerging Markets ETF	34.08
FLBR	Franklin FTSE Brazil ETF	34.29
EWZ	iShares MSCI Brazil ETF	34.42
ILF	iShares Latin America 40 ETF	34.59
DEM	WisdomTree Emerging Markets High Dividend Fund	34.97
DGS	WisdomTree Emerging Markets SmallCap Dividend F..	35.35
JPEM	J.P. Morgan Diversified Return Emerging Markets E..	36.36

*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	0.20%	-0.17%	-1.54%
SHY	1-3 Year Treasury Bonds	0.10%	-0.32%	-0.39%
IEF	7-10 Year Treasury Bonds	0.24%	-0.61%	-3.64%
TLT	20+ Year Treasury Bonds	0.44%	1.33%	-5.53%
TIP	TIPS Bonds	0.40%	0.67%	4.35%
FLOT	Floating Rate Bonds	0.04%	0.01%	0.46%
LQD	Investment Grade Corporate	0.38%	0.01%	-1.49%
HYG	High Yield Corporate	0.24%	-0.41%	2.77%
BKLN	Senior Loan	0.05%	0.03%	1.84%
PFF	Preferred & Income Securities	0.10%	2.17%	6.20%
MUB	Municipal Bonds	0.07%	-0.09%	0.29%
MBB	MBS	0.07%	-0.31%	-0.96%
EMB	Dollar Denominated EM Bonds	0.13%	0.03%	-2.61%
LEMB	Local Currency EM Bond	0.02%	-1.99%	-7.69%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.36%	3.48%	38.54%
DBE	Energy	0.48%	7.44%	70.37%
USO	WTI Crude Oil	0.00%	8.02%	74.28%
BNO	Brent Crude Oil	0.00%	7.56%	74.46%
UNG	Natural Gas	5.92%	-4.46%	100.22%
UGA	Gasoline	1.20%	11.25%	80.26%
DBP	Precious Metals	-0.57%	2.10%	-8.41%
GLD	Gold	-0.21%	1.56%	-6.28%
SLV	Silver	-1.93%	4.66%	-11.27%
PPLT	Platinum	-2.73%	6.20%	-4.06%
PALL	Palladium	-2.14%	4.45%	-18.28%
DBB	Base Metals	-0.89%	1.20%	22.65%
CPER	Copper	-0.52%	3.81%	22.95%
LD	Lead	-0.39%	11.59%	21.20%
JJN	Nickel	-0.34%	7.57%	15.64%
JJU	Aluminum	-1.75%	-6.61%	32.79%
JJT	Tin	-1.13%	9.48%	107.59%
DBA	Agriculture	-0.36%	0.26%	20.51%
CORN	Corn	-0.92%	4.63%	37.74%
SOYB	Soybeans	0.60%	0.05%	12.43%
WEAT	Wheat	-0.64%	5.18%	24.56%
CANE	Sugar	1.17%	-0.16%	40.74%
BAL	Cotton	-2.43%	12.34%	43.80%
NIB	Cocoa	-4.17%	-10.30%	-7.82%
JO	Coffee	0.03%	1.86%	53.62%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.24%	-0.12%	4.08%
UDN	Short Dollar	-0.15%	-0.02%	-5.10%
FXE	Euro	-0.21%	-0.23%	-6.02%
FXB	British Pound Sterling	-0.29%	0.41%	-0.79%
FXF	Swiss Franc	-0.60%	1.64%	-4.18%
FXJ	Japanese Yen	0.07%	-2.56%	-9.86%
FXC	Canadian Dollar	-0.36%	1.90%	2.26%
FXA	Australian Dollar	-1.09%	2.35%	-3.87%

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