

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

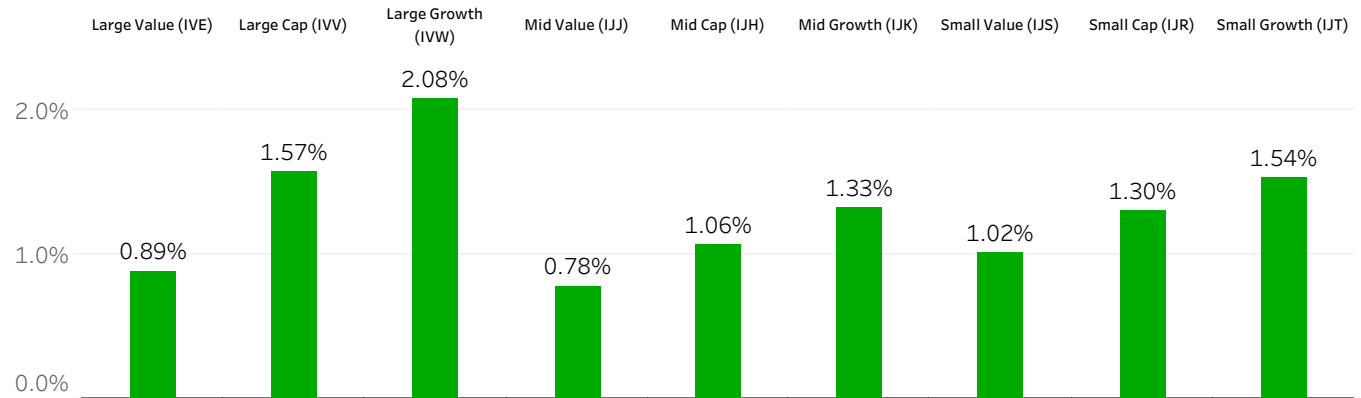


Small Cap Blend (S&P 600) IJR



■ 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	Performance
QQH	HCM Defender 100 Index ETF	3.03%
LGH	HCM Defender 500 Index ETF	2.87%
QQQN	VictoryShares Nasdaq Next 50 ETF	2.71%
DFNV	TrimTabs Donoghue Forlines Risk Managed Innovation E..	2.64%
FEVR	Inspire Faithward Large Cap Momentum ESG ETF	2.58%
UTRN	Vesper U.S. Large Cap Short-Term Reversal Strategy ETF	2.55%
DWEQ	AdvisorShares Dorsey Wright Alpha Equal Weight ETF	2.42%
PWB	Invesco Dynamic Large Cap Growth ETF	2.42%
SSPX	Janus Henderson U.S. Sustainable Equity ETF	2.40%
RPG	Invesco S&P 500 Pure Growth ETF	2.38%

Size & Style Most Overbought

Ticker	Fund	Value
SPLV	Invesco S&P 500 Low Volatility ETF	64.17
LVHD	Legg Mason Low Volatility High Dividend ETF	63.86
OUSA	OShares U.S. Quality Dividend ETF	62.27
HUSV	First Trust Horizon Managed Volatility Domestic ETF	61.98
DGRW	WisdomTree US Quality Dividend Growth Fund	61.08
VSMV	VictoryShares US Multi-Factor Minimum Volatility ETF	60.95
DEF	Invesco Defensive Equity ETF	59.67
FDL	First Trust Morningstar Dividend Leaders Index Fund	59.50
DLN	WisdomTree U.S. LargeCap Dividend Fund	59.11
RDIV	Invesco S&P Ultra Dividend Revenue ETF	59.08

Size & Style 1-Day Performance Laggards

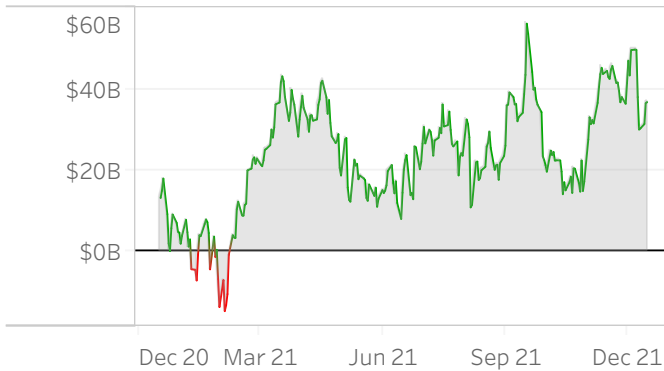
Ticker	Fund	Performance
FAD	First Trust Multi Cap Growth AlphaDEX Fund	0.04%
ONOF	Global X Adaptive U.S. Risk Management ETF	0.15%
DUSA	Davis Select U.S. Equity ETF	0.26%
QVAL	Alpha Architect U.S. Quantitative Value ETF	0.30%
ABEQ	Absolute Core Strategy ETF	0.37%
RPV	Invesco S&P 500 Pure Value ETF	0.41%
DMRM	DeltaShares S&P 400 Managed Risk ETF	0.41%
JSML	Janus Henderson Small Cap Growth Alpha ETF	0.49%
CSD	Invesco S&P Spin-Off ETF	0.55%
WBIY	WBI Power Factor High Dividend ETF	0.57%

Size & Style Most Oversold

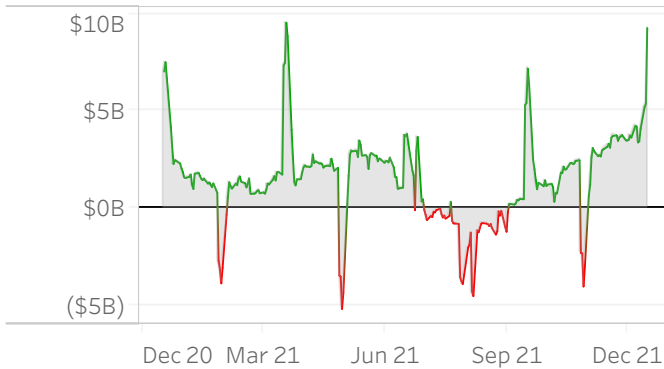
Ticker	Fund	Value
BIBL	Inspire 100 ETF	22.65
ISMD	Inspire Small/Mid Cap Impact ETF	27.86
BUZZ	VanEck Social Sentiment ETF	32.24
IPO	Renaissance IPO ETF	32.40
IWC	iShares Micro-Cap ETF	32.60
MFMS	Motley Fool Small-Cap Growth ETF	33.45
FFTY	Innovator IBD 50 ETF	33.65
JSML	Janus Henderson Small Cap Growth Alpha ETF	33.78
DYNF	BlackRock U.S. Equity Factor Rotation ETF	34.11
FEVR	Inspire Faithward Large Cap Momentum ESG ETF	34.31

* 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	\$1,373B	\$9.81B	\$36.38B	\$97.62B	\$138.35B
Mid Cap, Beta, Beta	10	\$195B	\$4.95B	\$4.62B	\$7.99B	\$11.97B
Small Cap, Beta, Beta	12	\$220B	\$3.61B	\$9.18B	\$10.94B	\$22.30B
Large Cap, Beta Growth, Beta: Growth	10	\$275B	\$2.25B	\$0.68B	\$9.49B	\$8.16B
Large Cap, Beta Growth, Beta: Value	11	\$211B	\$1.61B	\$7.37B	\$7.98B	\$30.64B
Small Cap, Beta, Beta: Growth	7	\$38B	\$1.29B	\$0.41B	\$1.45B	\$0.91B
Small Cap, Beta, Beta: Value	7	\$57B	\$1.17B	\$1.45B	(\$0.31B)	\$7.14B
Mid Cap, Beta, Beta: Growth	6	\$41B	\$0.95B	\$0.28B	\$1.19B	(\$1.90B)
Mid Cap, Beta, Beta: Value	6	\$43B	\$0.61B	\$1.04B	(\$0.06B)	\$4.30B

U.S. Size & Style Flow Leaders

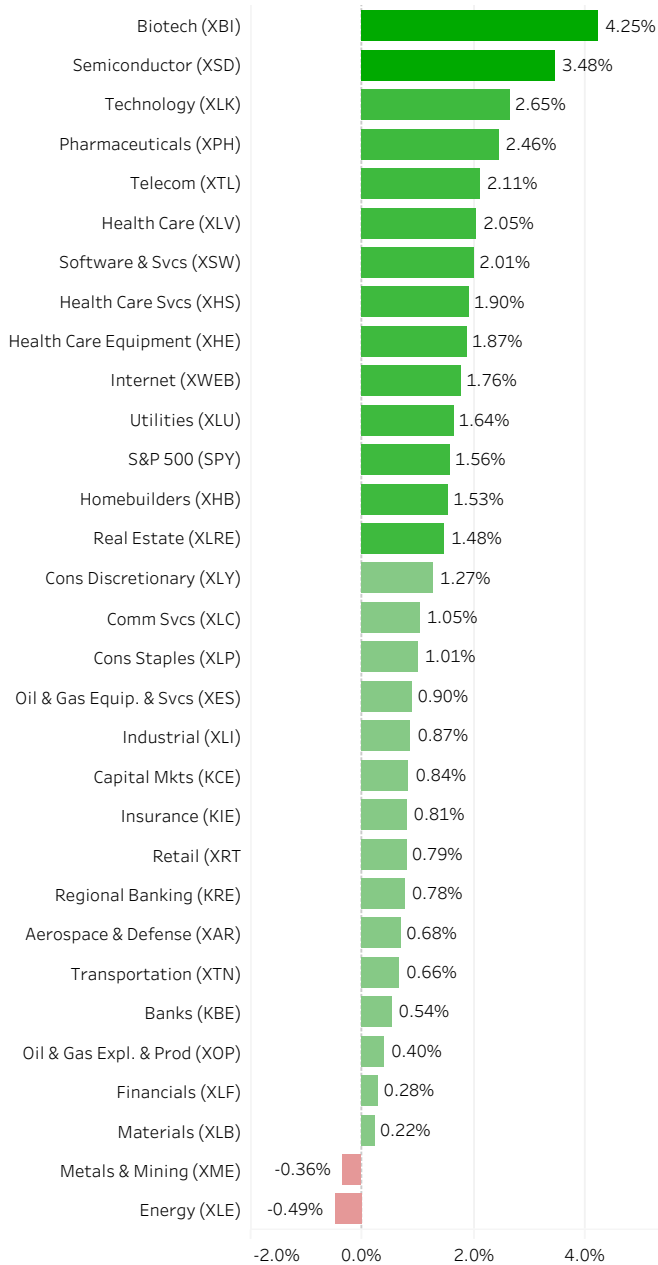
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$15.79B	\$15.83B	\$41.89B	\$45.21B	\$439.61B
VTI	Vanguard Total Stock Market ETF	\$4.66B	\$13.56B	\$25.46B	\$46.53B	\$293.04B
VO	Vanguard Mid-Cap ETF	\$3.91B	\$3.45B	\$5.52B	\$6.74B	\$59.04B
VB	Vanguard Small-Cap ETF	\$2.52B	\$2.53B	\$3.79B	\$6.30B	\$50.77B
VUG	Vanguard Growth ETF	\$1.32B	(\$1.60B)	(\$0.18B)	\$3.44B	\$89.11B
VBR	Vanguard Small Cap Value ETF	\$1.07B	\$1.75B	\$1.95B	\$4.37B	\$26.92B
VBK	Vanguard Small-Cap Growth ETF	\$1.02B	\$0.44B	\$1.31B	\$0.88B	\$16.68B
VTV	Vanguard Value ETF	\$1.01B	\$3.22B	\$3.80B	\$14.93B	\$90.56B
VOT	Vanguard Mid-Cap Growth ETF	\$0.76B	\$0.35B	\$1.00B	\$0.49B	\$12.94B
IWM	iShares Russell 2000 ETF	\$0.69B	\$4.27B	\$2.32B	\$4.68B	\$66.66B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VOO	Vanguard S&P 500 ETF	(\$4.51B)	\$3.54B	\$17.56B	\$43.85B	\$268.57B
IVV	iShares Core S&P 500 ETF	(\$2.12B)	\$8.39B	\$14.42B	\$16.64B	\$322.87B
SCHD	Schwab US Dividend Equity ETF	(\$1.23B)	\$1.10B	\$3.24B	\$9.65B	\$29.67B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.57B)	(\$1.96B)	(\$2.50B)	(\$1.03B)	\$29.17B
MTUM	iShares MSCI USA Momentum Factor ETF	(\$0.32B)	(\$0.23B)	(\$1.18B)	(\$0.01B)	\$14.39B
PSC	Principal U.S. Small-Cap Multi-Factor ETF	(\$0.19B)	(\$0.39B)	(\$0.40B)	\$0.11B	\$1.19B
IWB	iShares Russell 1000 ETF	(\$0.18B)	(\$0.63B)	(\$0.46B)	(\$0.48B)	\$30.94B
USMC	Principal U.S. Mega-Cap ETF	(\$0.15B)	(\$0.34B)	(\$0.31B)	(\$0.31B)	\$1.82B
VV	Vanguard Large-Cap ETF	(\$0.07B)	\$0.40B	\$0.98B	\$1.35B	\$27.44B
SIZE	iShares MSCI USA Size Factor ETF	(\$0.07B)	(\$0.03B)	(\$0.29B)	(\$0.53B)	\$0.58B

* 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	0.00%	18.82%	4.63%	6.48%	69.17
XLU	Utilities Select Sector SPDR Fund	-0.70%	19.23%	3.93%	5.35%	63.03
XLRE	Real Estate Select Sector SPDR Fund	-1.10%	40.62%	3.25%	9.57%	56.47
XLV	Health Care Select Sector SPDR Fund	-1.13%	22.11%	2.81%	6.16%	63.75
SPY	SPDR S&P 500 ETF Trust	-1.57%	25.64%	1.09%	6.84%	50.58
XLB	Materials Select Sector SPDR Fund	-2.69%	24.12%	1.70%	4.57%	53.61
XLK	Technology Select Sector SPDR Fund	-3.10%	34.67%	3.40%	12.85%	52.18
XLI	Industrial Select Sector SPDR Fund	-3.59%	21.82%	-0.87%	0.77%	45.48
XLF	Financial Select Sector SPDR Fund	-4.33%	34.23%	-1.61%	3.87%	47.40
XLY	Consumer Discretionary Select Sector SPDR Fund	-6.09%	27.41%	-0.80%	8.75%	42.58
XLE	Energy Select Sector SPDR Fund	-6.29%	47.28%	-2.76%	5.82%	45.21
XLC	Communication Services Select Sector SPDR Fund	-11.56%	16.93%	-4.03%	-4.41%	40.33

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance (%)
XBI	SPDR S&P BIOTECH ETF	4.25%
PTF	Invesco DWA Technology Momentum ETF	3.87%
PSI	Invesco Dynamic Semiconductors ETF	3.70%
SOXX	iShares Semiconductor ETF	3.67%
XSD	SPDR S&P Semiconductor ETF	3.48%
PBE	Invesco Dynamic Biotechnology & Genome ETF	3.42%
IGN	iShares North American Tech-Multimedia Network..	3.07%
PTH	Invesco DWA Healthcare Momentum ETF	2.88%
PJP	Invesco Dynamic Pharmaceuticals ETF	2.88%
QTEC	First Trust NASDAQ-100 Technology Sector Index ..	2.86%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
XLP	Consumer Staples Select Sector SPDR Fund	69.17
RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	66.52
VDC	Vanguard Consumer Staples ETF	66.10
IYK	iShares U.S. Consumer Staples ETF	65.91
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER STAPLES..	65.71
XLV	Health Care Select Sector SPDR Fund	63.75
XLU	Utilities Select Sector SPDR Fund	63.03
RYU	Invesco S&P 500 Equal Weight Utilities ETF	62.81
VPU	Vanguard Utilities ETF	62.49
FUTY	Fidelity MSCI Utilities Index ETF	62.45

Sector & Industry 1 Day Performance Laggards

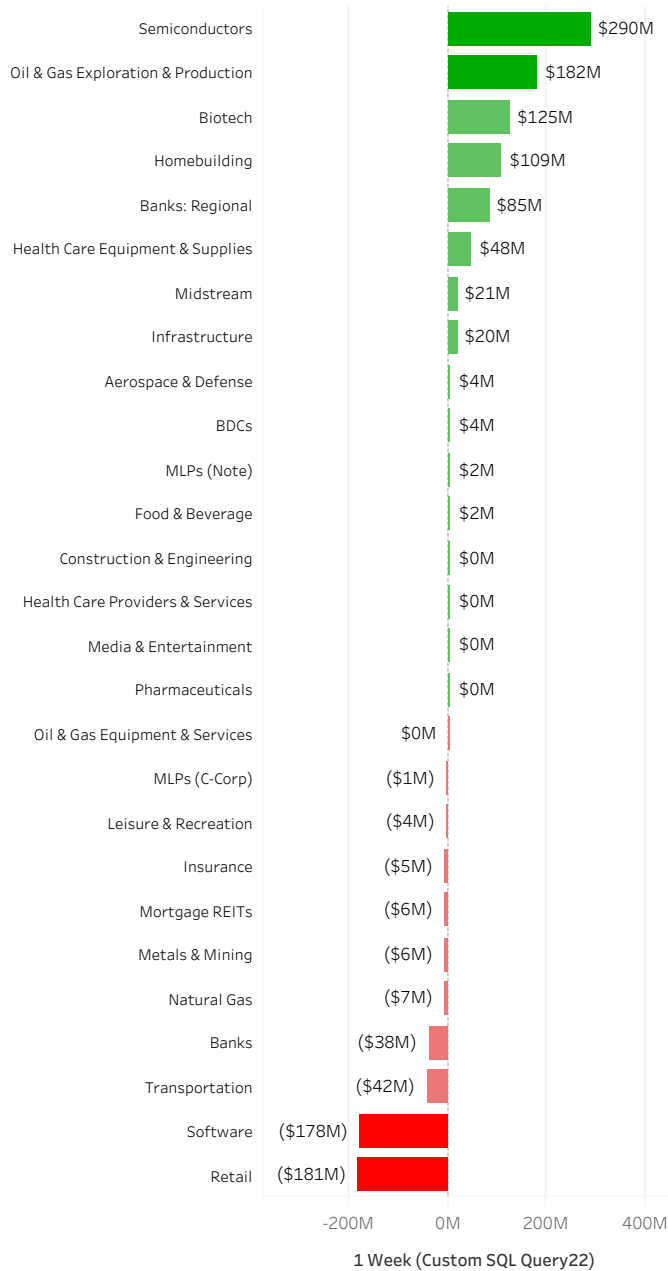
Ticker	Fund	1 Day Performance (%)
FXZ	First Trust Materials AlphaDEX Fund	-0.64%
XLE	Energy Select Sector SPDR Fund	-0.49%
IYM	iShares U.S. Basic Materials ETF	-0.44%
IYE	iShares U.S. Energy ETF	-0.40%
XME	SPDR S&P Metals & Mining ETF	-0.36%
RYE	Invesco S&P 500 Equal Weight Energy ETF	-0.30%
VDE	Vanguard Energy ETF	-0.28%
FENY	Fidelity MSCI Energy Index ETF	-0.26%
FXN	First Trust Energy AlphaDEX Fund	-0.25%
IEZ	iShares U.S. Oil Equipment & Services ETF	-0.16%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
REM	iShares Mortgage Real Estate ETF	29.05
AMLP	Alerian MLP ETF	30.00
MLPA	Global X MLP ETF	30.89
AMZA	InfraCap MLP ETF	31.15
XPH	SPDR S&P Pharmaceuticals ETF	31.38
ENFR	Alerian Energy Infrastructure ETF	32.46
MLPX	Global X MLP & Energy Infrastructure ETF	32.84
PNQI	Invesco NASDAQ Internet ETF	33.14
PBS	Invesco Dynamic Media ETF	33.31
MORT	VanEck Mortgage REIT Income ETF	33.43

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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	\$20B	(\$37M)	(\$632M)	\$1,220M	\$1,153M
Consumer Discretionary	13	\$37B	\$58M	\$1,624M	\$1,709M	\$3,150M
Consumer Staples	12	\$22B	(\$70M)	(\$920M)	\$292M	(\$2,005M)
Energy	34	\$53B	\$890M	\$1,592M	(\$661M)	\$9,633M
Financials	28	\$82B	(\$24M)	\$2,217M	(\$1,821M)	\$20,148M
Health Care	26	\$89B	\$72M	\$422M	\$5,641M	\$4,110M
Industrial	14	\$34B	(\$329M)	(\$1,735M)	(\$4,661M)	(\$884M)
Materials	10	\$16B	\$43M	(\$864M)	(\$3,149M)	\$3,530M
Multi-Sector	17	\$26B	\$122M	\$687M	\$1,585M	\$4,398M
Real Estate	22	\$80B	\$295M	\$1,882M	\$5,497M	\$12,112M
Technology	24	\$156B	\$8M	\$2,220M	\$8,382M	\$6,814M
Utilities	10	\$21B	(\$411M)	(\$714M)	\$1,022M	(\$159M)

U.S. Sector & Industry Flow Leaders

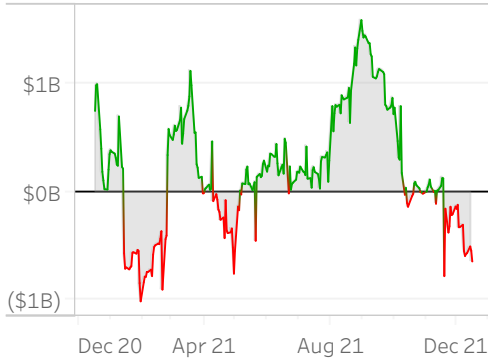
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
FTXN	First Trust Nasdaq Oil & Gas ETF	\$747M	\$838M	\$823M	\$853M	\$857M
XLK	Technology Select Sector SPDR Fund	\$534M	\$1,454M	\$2,319M	\$1,259M	\$50,649M
SOXX	iShares Semiconductor ETF	\$261M	\$967M	\$1,528M	\$2,352M	\$9,487M
VNQ	Vanguard Real Estate ETF	\$235M	\$1,641M	\$2,397M	\$6,615M	\$47,370M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$213M	\$1,912M	\$1,293M	\$894M	\$23,433M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	\$176M	(\$225M)	(\$1,072M)	(\$293M)	\$3,300M
IBB	iShares Biotechnology ETF	\$165M	\$282M	(\$27M)	(\$245M)	\$9,792M
IYR	iShares U.S. Real Estate ETF	\$148M	(\$1,464M)	(\$626M)	(\$308M)	\$6,320M
KCE	SPDR S&P Capital Markets ETF	\$140M	\$188M	\$260M	\$309M	\$379M
VGT	Vanguard Information Technology ETF	\$90M	\$397M	\$2,291M	\$2,566M	\$54,765M

U.S. Sector & Industry Flow Laggards

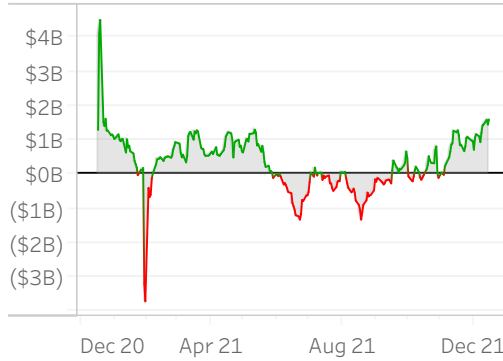
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
FXL	First Trust Technology AlphaDEX Fund	(\$720M)	(\$769M)	(\$722M)	(\$1,008M)	\$1,950M
XLU	Utilities Select Sector SPDR Fund	(\$395M)	(\$822M)	\$646M	(\$598M)	\$12,813M
XLI	Industrial Select Sector SPDR Fund	(\$287M)	(\$1,295M)	(\$3,345M)	(\$2,620M)	\$16,918M
XLF	Financial Select Sector SPDR Fund	(\$249M)	\$1,112M	(\$2,408M)	\$9,497M	\$43,139M
XRT	SPDR S&P Retail ETF	(\$181M)	(\$341M)	\$43M	(\$183M)	\$652M
REZ	iShares Residential and Multisector Real Estat..	(\$139M)	\$219M	\$364M	\$507M	\$1,110M
XSW	SPDR S&P Software & Services ETF	(\$132M)	(\$209M)	(\$101M)	\$23M	\$388M
IYZ	iShares U.S. Telecommunications ETF	(\$78M)	\$111M	\$78M	\$74M	\$519M
VHT	Vanguard Health Care ETF	(\$77M)	\$317M	\$1,213M	\$1,873M	\$16,784M
XLP	Consumer Staples Select Sector SPDR Fund	(\$74M)	(\$857M)	\$13M	(\$1,711M)	\$12,939M

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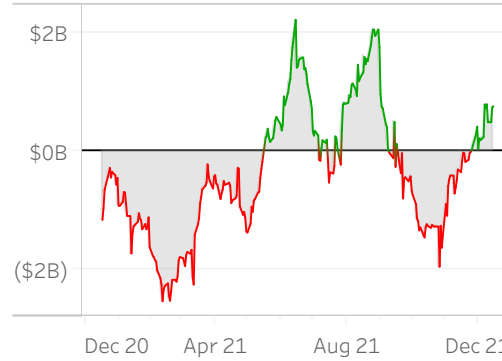
Communication Services



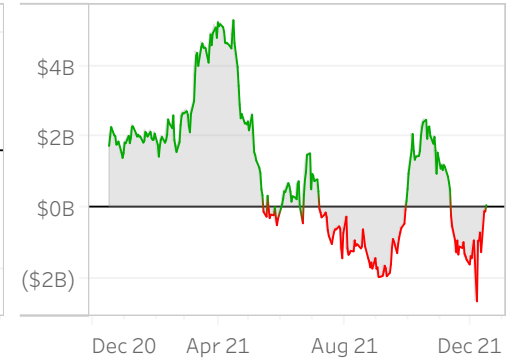
Consumer Discretionary



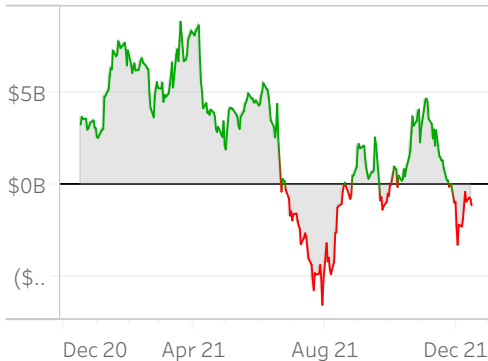
Consumer Staples



Energy



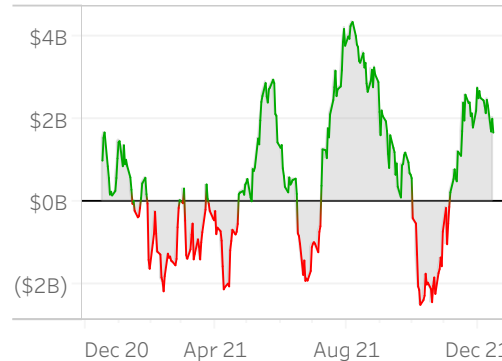
Financials



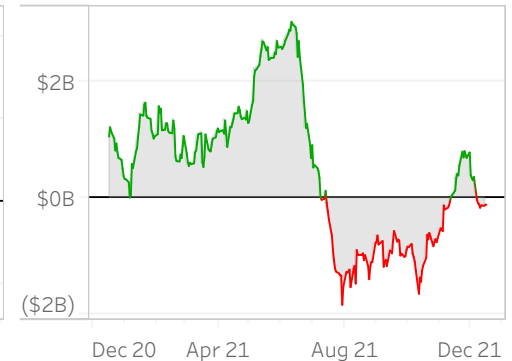
Industrial



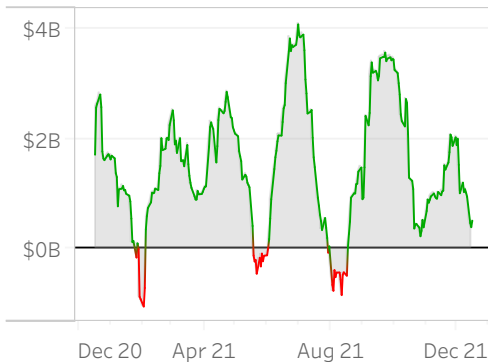
Health Care



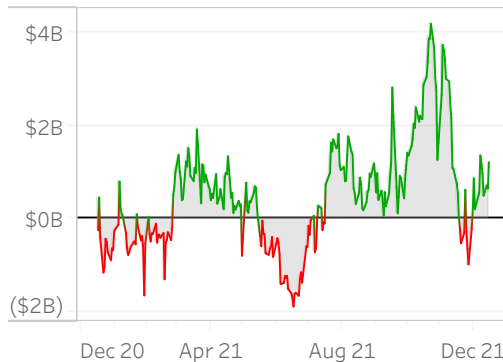
Materials



Real Estate



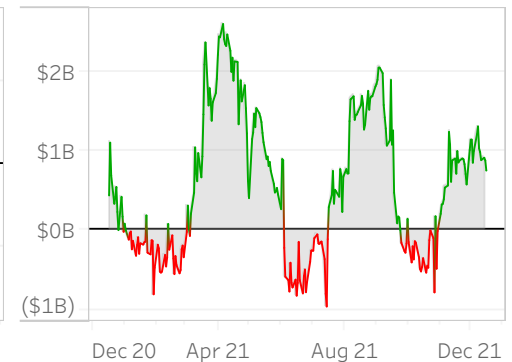
Technology



Utilities

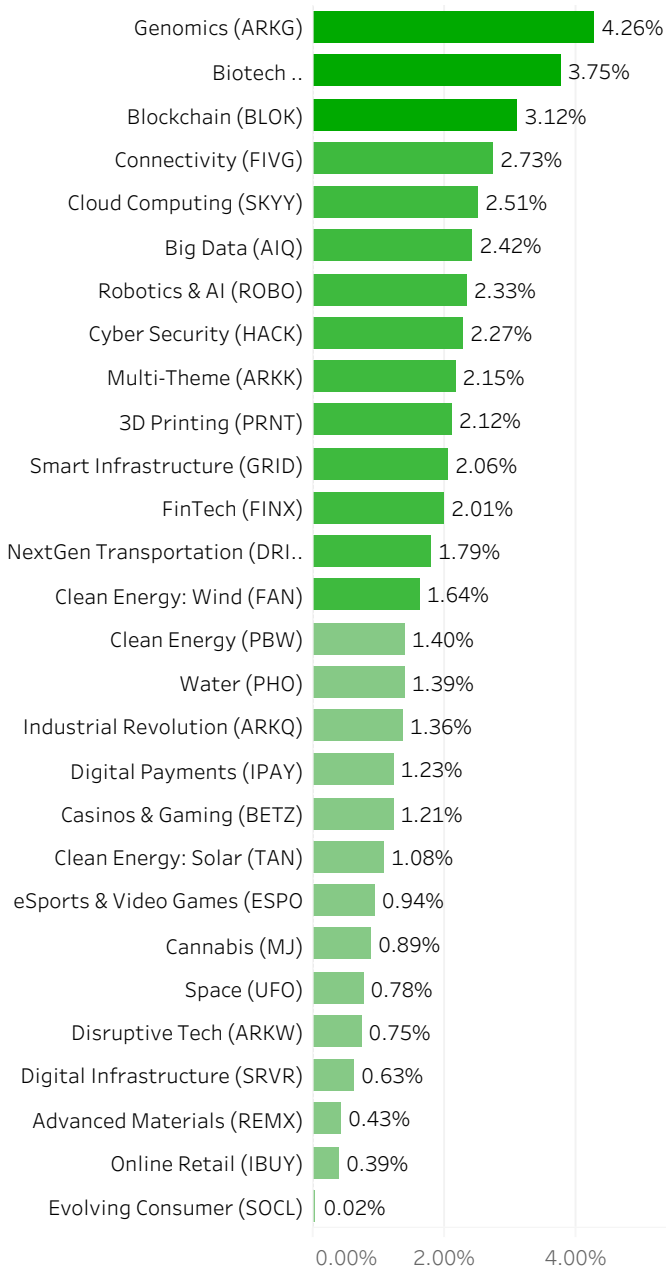


Multi-Sector

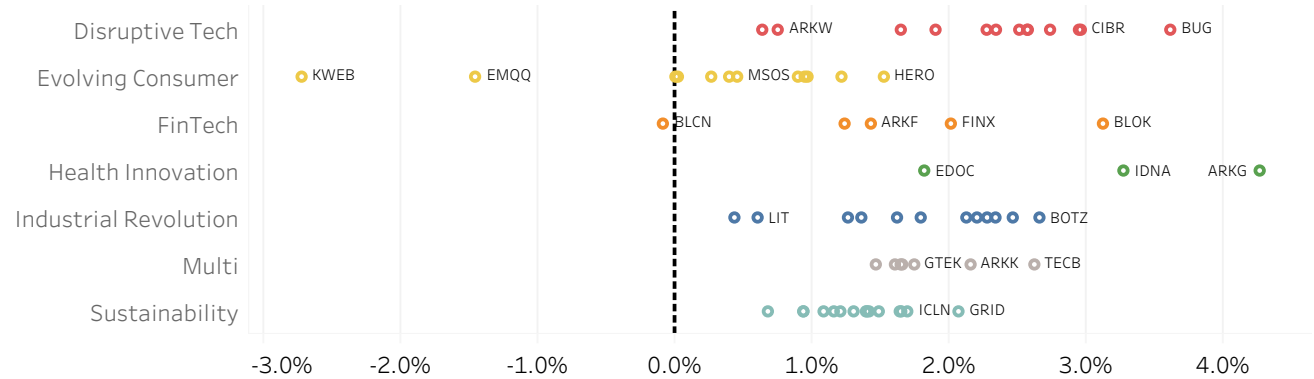


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
ARKG	ARK Genomic Revolution ETF	4.26%
SBIO	ALPS Medical Breakthroughs ETF	3.75%
BUG	Global X Cybersecurity ETF	3.61%
BITQ	Bitwise Crypto Industry Innovators ETF	3.40%
IDNA	iShares Genomics Immunology and Healthcare ETF Geno..	3.27%
MOON	Direxion Moonshot Innovators ETF	3.14%
BLOK	Amplify Transformational Data Sharing ETF	3.12%
DAPP	VanEck Digital Transformation ETF	3.09%
BKCH	Global X Blockchain ETF	3.04%
GERM	ETFMG Treatments Testing and Advancements ETF	3.03%

Thematic Most Overbought

Ticker	Fund	Value
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR ..	53.13
NXTG	First Trust Indxx NextG ETF	52.98
KSTR	KraneShares SSE STAR Market 50 Index ETF	51.84
FIVG	Defiance Next Gen Connectivity ETF	50.45
EBLU	Ecofin Global Water ESG Fund	49.69
PIO	Invesco Global Water ETF	49.04
VPN	Global X Data Center REITs & Digital Infrastructure ETF	48.82
CGW	Invesco S&P Global Water Index ETF	48.10
PHO	Invesco Water Resources ETF	47.14
FIW	First Trust Water ETF	46.06

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
KWEB	KraneShares CSI China Internet ETF	-2.72%
EMQQ	Emerging Markets Internet & Ecommerce ETF	-1.46%
KSTR	KraneShares SSE STAR Market 50 Index ETF	-1.28%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-0.89%
KEMQ	KraneShares Emerging Markets Consumer Technology..	-0.66%
CNBS	Amplify Seymour Cannabis ETF	-0.43%
THCX	Cannabis ETF	-0.22%
POTX	Global X Cannabis ETF	-0.16%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	-0.09%
EBIZ	Global X E-Commerce ETF	-0.04%

Thematic Most Oversold

Ticker	Fund	Value
IBUY	Amplify Online Retail ETF	24.11
ARKF	ARK Fintech Innovation ETF	27.37
KEMQ	KraneShares Emerging Markets Consumer Technology In..	27.49
ONLN	ProShares Online Retail ETF	27.51
ARKW	ARK Next Generation Internet ETF	28.65
BETZ	Roundhill Sports Betting & iGaming ETF	28.73
EBIZ	Global X E-Commerce ETF	29.06
ACES	ALPS Clean Energy ETF	29.08
HDRO	Defiance Next Gen H2 ETF	29.16
DAPP	VanEck Digital Transformation ETF	29.29

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Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
LIT	Global X Lithium & Battery Tech ETF	\$73M
META	Roundhill Ball Metaverse ETF	\$40M
SARK	Tuttle Capital Short Innovation ETF	\$26M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$25M
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	\$24M
KWEB	KraneShares CSI China Internet ETF	\$21M
XT	iShares Exponential Technologies ETF	\$16M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$15M
BLOK	Amplify Transformational Data Sharing ETF	\$13M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$13M

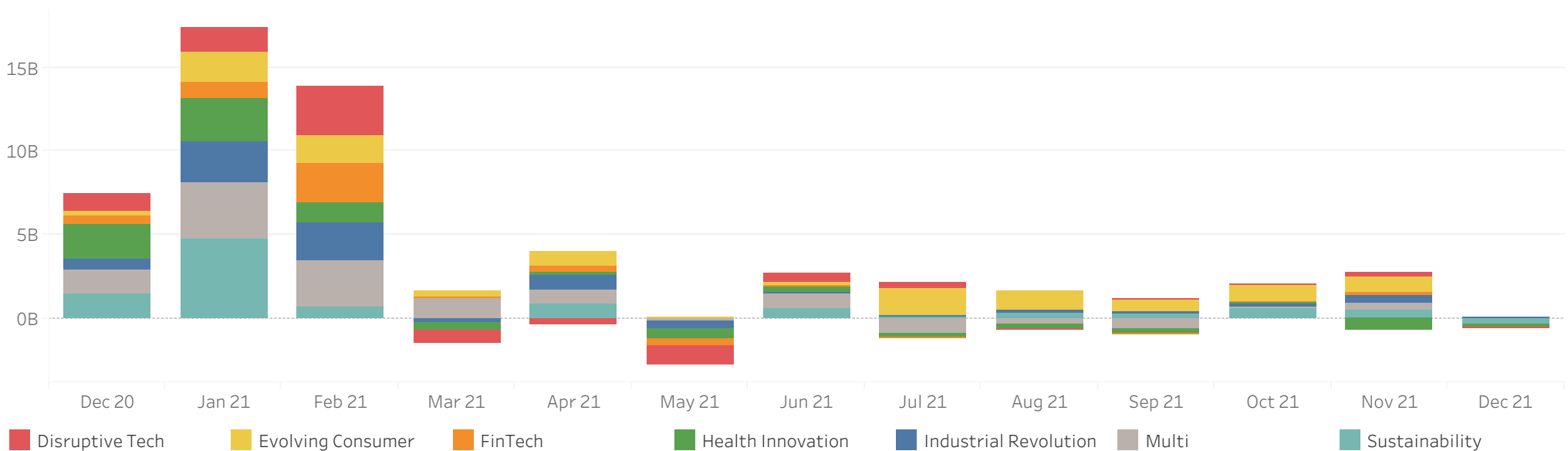
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	(\$99M)
TAN	Invesco Solar ETF	(\$81M)
ARKW	ARK Next Generation Internet ETF	(\$57M)
ARKG	ARK Genomic Revolution ETF	(\$43M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$19M)
MSOS	AdvisorShares Pure US Cannabis ETF	(\$15M)
ICLN	iShares Global Clean Energy ETF	(\$15M)
CLOU	Global X Cloud Computing ETF	(\$10M)
ONLN	ProShares Online Retail ETF	(\$9M)
ACES	ALPS Clean Energy ETF	(\$8M)

Thematic Landscape Assets & Flows

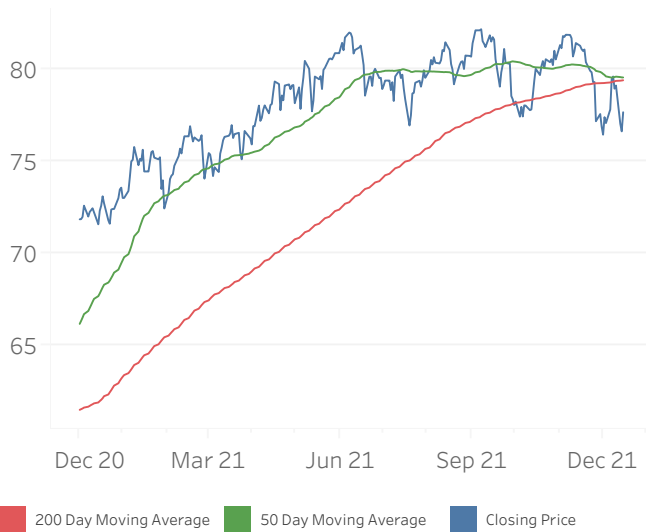
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	37	\$27B	(\$29M)	(\$1,007M)	\$982M	\$4,301M
Evolving Consumer	44	\$16B	(\$37M)	\$2,054M	\$5,733M	\$10,734M
FinTech	18	\$7B	\$0M	\$101M	(\$69M)	\$3,885M
Health Innovation	16	\$7B	(\$108M)	(\$977M)	(\$1,310M)	\$3,734M
Industrial Revolution	23	\$17B	\$51M	\$712M	\$1,119M	\$6,728M
Multi	28	\$25B	\$9M	\$173M	(\$369M)	\$9,018M
Sustainability	36	\$23B	(\$27M)	\$678M	\$1,822M	\$9,579M
Grand Total	202	\$122B	(\$141M)	\$1,735M	\$7,909M	\$47,979M

Thematic Monthly Flows

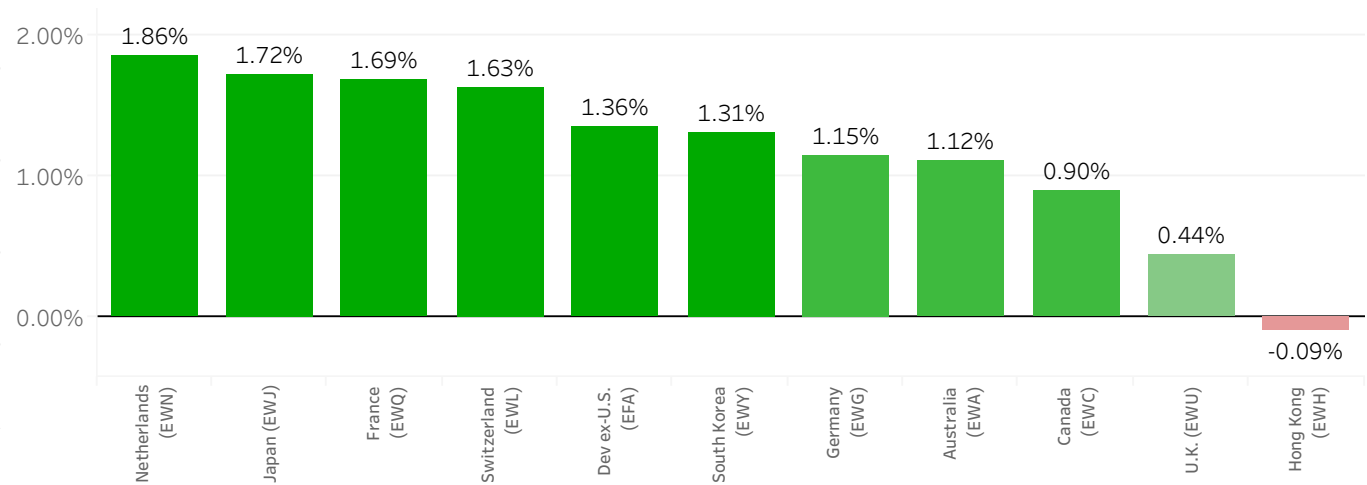


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

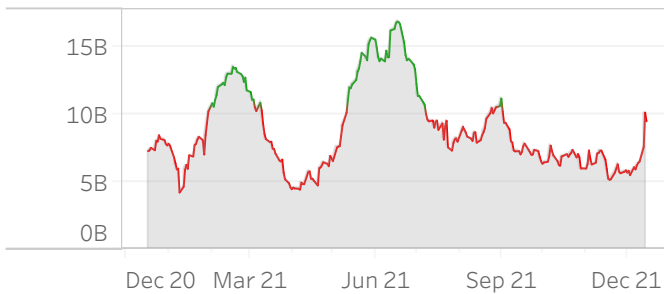
Developed ex-U.S. (EFA)



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



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



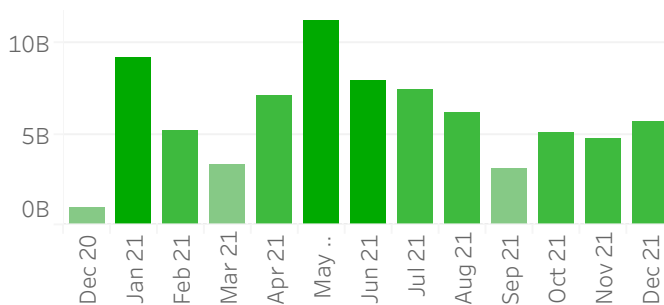
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
PIZ	Invesco DWA Developed Markets Momentum ETF	2.73%
EDEN	iShares MSCI Denmark ETF	2.21%
HEWJ	iShares Currency Hedged MSCI Japan ETF	2.07%
ENOR	iShares MSCI Norway ETF	2.05%
RFDI	First Trust Riverfront Dynamic Developed International ETF	2.04%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	2.02%
EWD	iShares MSCI Sweden ETF	2.00%
EIS	iShares MSCI Israel ETF	1.99%
IMTM	iShares MSCI Intl Momentum Factor ETF	1.87%
EWN	iShares MSCI Netherlands ETF	1.86%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
LVHI	Legg Mason International Low Volatility High Dividend ETF	52.92
EWL	iShares MSCI Switzerland ETF	52.07
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	49.81
DXJ	WisdomTree Japan Hedged Equity Fund	49.57
DOO	WisdomTree International Dividend ex-Financials Fund	48.59
DTH	WisdomTree International High Dividend Fund	48.58
DDWM	WisdomTree Dynamic Currency Hedged International Equi..	48.34
IHDG	WisdomTree International Hedged Quality Dividend Grow..	47.54
DOL	WisdomTree International LargeCap Dividend Fund	46.92
EUDG	WisdomTree Europe Quality Dividend Growth Fund	46.70

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
AIA	iShares Asia 50 ETF	-0.62%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	-0.51%
EWH	iShares MSCI Hong Kong ETF	-0.09%
EWP	iShares MSCI Spain ETF	0.16%
EWS	iShares MSCI Singapore ETF	0.19%
FKU	First Trust United Kingdom AlphaDEX Fund	0.26%
FLGB	Franklin FTSE United Kingdom ETF	0.37%
EWU	iShares MSCI United Kingdom ETF	0.44%
IQIN	IQ 500 International ETF	0.49%
EWUS	iShares MSCI United Kingdom Small Cap ETF	0.52%

Developed ex-U.S. Most Oversold

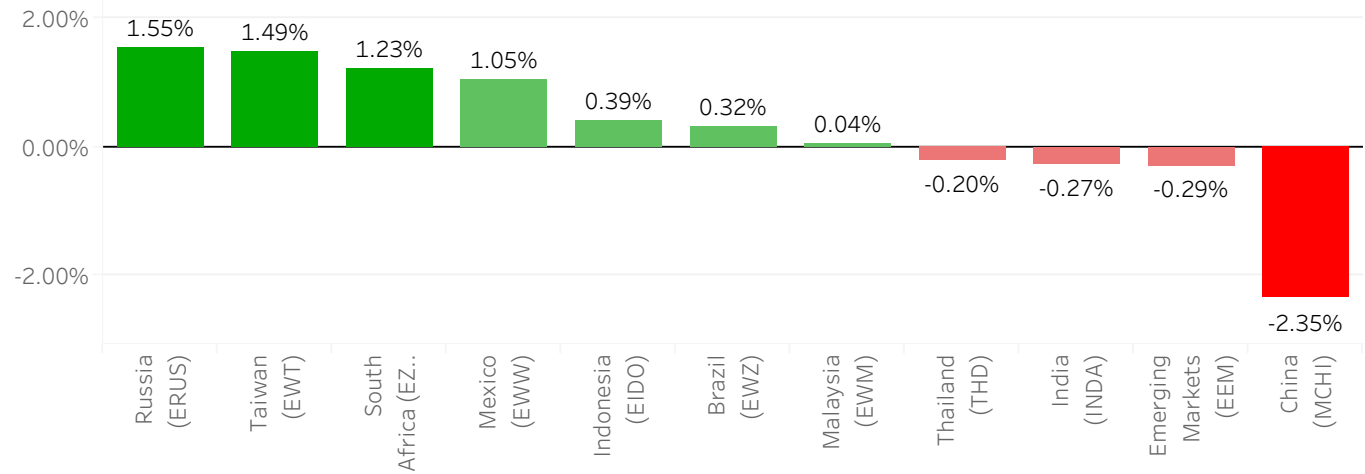
Ticker	Fund	Value
EWS	iShares MSCI Singapore ETF	19.50
EWUS	iShares MSCI United Kingdom Small Cap ETF	26.85
IEUS	iShares MSCI Europe Small-Cap ETF	30.06
SCZ	iShares MSCI EAFE Small-Cap ETF	30.31
SCHC	Schwab International Small-Cap Equity ETF	30.56
ISCF	iShares MSCI Intl Small-Cap Multifactor ETF	31.25
EWP	iShares MSCI Spain ETF	31.77
IMTM	iShares MSCI Intl Momentum Factor ETF	32.02
EPP	iShares MSCI Pacific ex-Japan ETF	32.12
WPS	iShares International Developed Property ETF	32.56

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Emerging (EEM)



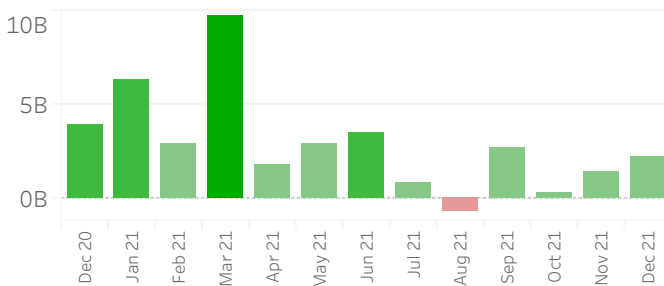
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
ECH	iShares MSCI Chile ETF	2.88%
KSA	iShares MSCI Saudi Arabia ETF	1.66%
ERUS	iShares MSCI Russia ETF	1.55%
EWT	iShares MSCI Taiwan ETF	1.49%
RSX	VanEck Russia ETF	1.30%
FRDM	Freedom 100 Emerging Markets ETF	1.26%
EZA	iShares MSCI South Africa ETF	1.23%
PIE	Invesco DWA Emerging Markets Momentum ETF	1.20%
EWW	iShares MSCI Mexico ETF	1.05%
EEMS	iShares MSCI Emerging Markets Small Cap ETF	1.01%

Emerging Most Overbought

Ticker	Fund	Value
KBA	KraneShares Boserá MSCI China A Share ETF	63.78
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	63.14
CNYA	iShares MSCI China A ETF	56.52
VNM	VanEck Vietnam ETF	54.24
EPHE	iShares MSCI Philippines ETF	52.22
TUR	iShares MSCI Turkey ETF	51.83
IDX	VanEck Indonesia Index ETF	48.70
DEM	WisdomTree Emerging Markets High Dividend Fund	48.62
DGRE	WisdomTree Emerging Markets Quality Dividend Gro..	48.26
EDIV	SPDR S&P Emerging Markets Dividend ETF	47.67

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
PGJ	Invesco Golden Dragon China ETF	-3.35%
FXI	iShares China Large-Cap ETF	-2.89%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-2.68%
MCHI	iShares MSCI China ETF	-2.35%
GXC	SPDR S&P China ETF	-2.16%
FLCH	Franklin FTSE China ETF	-2.13%
ECNS	iShares MSCI China Small-Cap ETF	-2.13%
FNI	First Trust Chindia ETF	-1.62%
EPHE	iShares MSCI Philippines ETF	-1.61%
EPU	iShares MSCI Peru ETF	-1.56%

Emerging Most Oversold

Ticker	Fund	Value
MFEM	PIMCO RAFI Dynamic Multi-Factor Emerging Market..	19.63
EWM	iShares MSCI Malaysia ETF	24.98
INDY	iShares India 50 ETF	26.97
ECNS	iShares MSCI China Small-Cap ETF	29.07
ERUS	iShares MSCI Russia ETF	29.09
INDA	iShares MSCI India ETF	29.44
ESGE	iShares ESG Aware MSCI EM ETF	31.60
EEMS	iShares MSCI Emerging Markets Small Cap ETF	31.71
BKF	iShares MSCI BRIC ETF	31.92
RSX	VanEck Russia ETF	32.66

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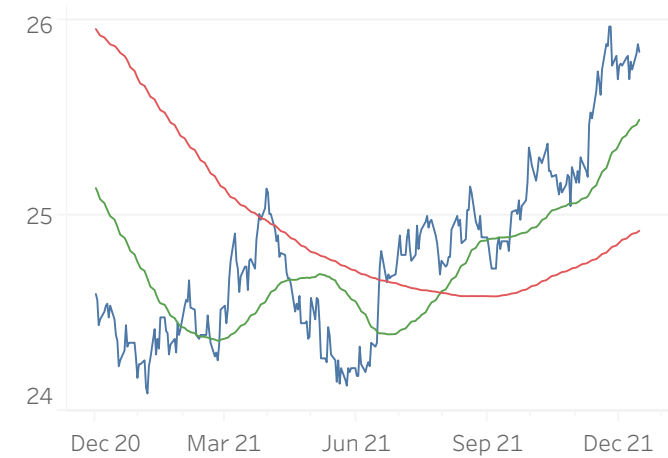
Fixed Income (AGG)



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	-0.08%	0.51%	-1.66%
SHY	1-3 Year Treasury Bonds	0.04%	-0.16%	-0.69%
IEF	7-10 Year Treasury Bonds	-0.15%	1.26%	-2.98%
TLT	20+ Year Treasury Bonds	-0.96%	2.72%	-4.03%
TIP	TIPS Bonds	0.09%	-1.41%	4.38%
FLOT	Floating Rate Bonds	0.02%	-0.27%	0.26%
LQD	Investment Grade Corporate	0.13%	0.93%	-1.71%
HYG	High Yield Corporate	0.38%	0.40%	3.16%
BKLN	Senior Loan	0.14%	-0.20%	1.83%
PFF	Preferred & Income Securities	0.55%	-0.01%	4.87%
MUB	Municipal Bonds	-0.03%	0.56%	1.07%
MBB	MBS	-0.07%	-0.02%	-1.50%
EMB	Dollar Denominated EM Bonds	-0.32%	0.00%	-2.68%
LEMB	Local Currency EM Bond	0.10%	-3.21%	-10.81%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.36%	-7.76%	26.53%
DBE	Energy	1.16%	-7.91%	52.49%
USO	WTI Crude Oil	1.37%	-7.94%	56.38%
BNO	Brent Crude Oil	1.47%	-8.31%	55.12%
UNG	Natural Gas	0.00%	-25.85%	35.33%
UGA	Gasoline	2.02%	-5.85%	62.24%
DBP	Precious Metals	0.43%	-6.37%	-10.16%
GLD	Gold	0.43%	-4.61%	-6.85%
SLV	Silver	0.49%	-12.18%	-16.93%
PPLT	Platinum	-0.03%	-15.59%	-14.91%
PALL	Palladium	-1.30%	-26.22%	-35.27%
DBB	Base Metals	-0.10%	-0.33%	21.38%
CPER	Copper	-0.04%	-3.49%	19.64%
LD	Lead	1.62%	0.76%	19.16%
JJN	Nickel	-1.71%	-1.25%	14.86%
JJU	Aluminum	-0.58%	-1.72%	28.47%
JJT	Tin	-2.53%	0.93%	113.74%
DBA	Agriculture	-0.46%	-0.91%	21.93%
CORN	Corn	-0.44%	-0.23%	37.48%
SOYB	Soybeans	-0.14%	-0.64%	11.92%
WEAT	Wheat	-3.44%	-8.75%	17.93%
CANE	Sugar	-0.95%	-1.99%	38.37%
BAL	Cotton	-0.10%	-7.82%	33.53%
NIB	Cocoa	1.66%	0.75%	-5.77%
JO	Coffee	1.07%	5.01%	73.62%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.15%	0.78%	6.60%
UDN	Short Dollar	0.35%	-0.94%	-7.58%
FXE	Euro	0.32%	-0.71%	-8.51%
FXB	British Pound Sterling	0.30%	-1.14%	-3.41%
FXF	Swiss Franc	0.05%	0.10%	-5.30%
FXJ	Japanese Yen	-0.27%	0.05%	-9.99%
FXC	Canadian Dollar	0.07%	-2.61%	-1.37%
FXA	Australian Dollar	1.01%	-2.36%	-7.34%

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