

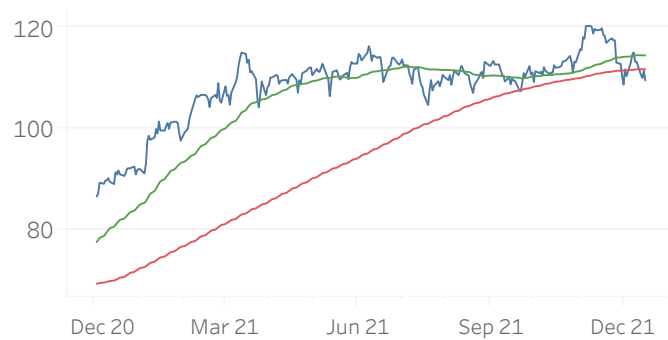
Large Cap Blend (S&P 500) IVV



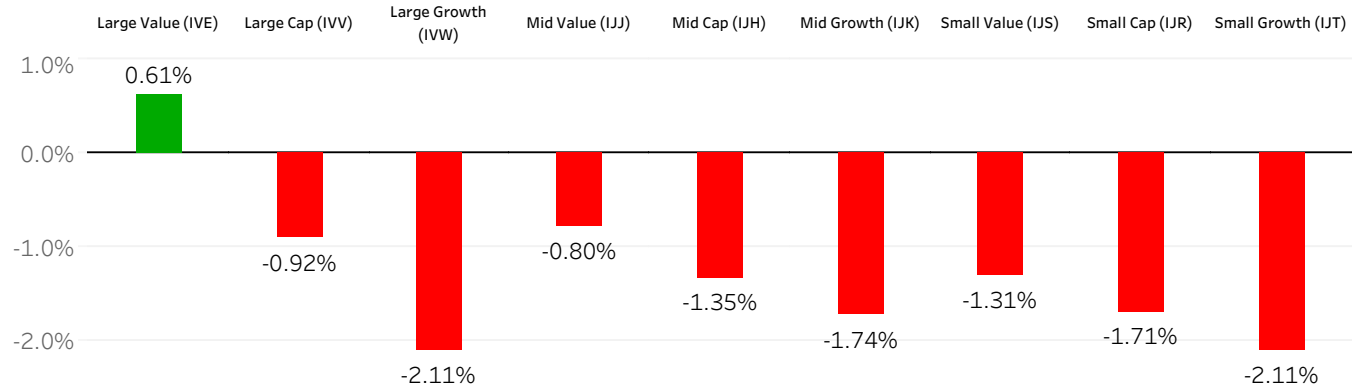
Mid Cap Blend (S&P 400) IJH



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
FDL	First Trust Morningstar Dividend Leaders Index Fund	1.93%
WBIY	WBI Power Factor High Dividend ETF	1.45%
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	1.38%
ABEQ	Absolute Core Strategy ETF	1.33%
DHS	WisdomTree U.S. High Dividend Fund	1.26%
DTN	WisdomTree U.S. Dividend ex-Financials Fund	1.25%
SDOG	ALPS Sector Dividend Dogs ETF	1.21%
HDV	iShares Core High Dividend ETF	1.17%
CDL	VictoryShares US Large Cap High Dividend Volatility Wt..	1.17%
DURA	VanEck Morningstar Durable Dividend ETF	1.10%

Size & Style Most Overbought

Ticker	Fund	Price
LVHD	Legg Mason Low Volatility High Dividend ETF	72.75
FDL	First Trust Morningstar Dividend Leaders Index Fund	72.36
SPLV	Invesco S&P 500 Low Volatility ETF	72.14
OUSA	oShares U.S. Quality Dividend ETF	70.87
HUSV	First Trust Horizon Managed Volatility Domestic ETF	70.30
DHS	WisdomTree U.S. High Dividend Fund	68.54
RDIV	Invesco S&P Ultra Dividend Revenue ETF	68.34
DURA	VanEck Morningstar Durable Dividend ETF	67.70
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	67.66
DEF	Invesco Defensive Equity ETF	67.31

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
IPO	Renaissance IPO ETF	-3.40%
QQH	HCM Defender 100 Index ETF	-3.36%
FFTY	Innovator IBD 50 ETF	-3.32%
FPX	First Trust US Equity Opportunities ETF	-3.09%
DWEQ	AdvisorShares Dorsey Wright Alpha Equal Weight ETF	-3.08%
IWO	iShares Russell 2000 Growth ETF	-2.96%
MFMS	Motley Fool Small-Cap Growth ETF	-2.82%
VTWG	Vanguard Russell 2000 Growth ETF	-2.80%
QQQN	VictoryShares Nasdaq Next 50 ETF	-2.68%
FYC	First Trust Small Cap Growth AlphaDEX Fund	-2.66%

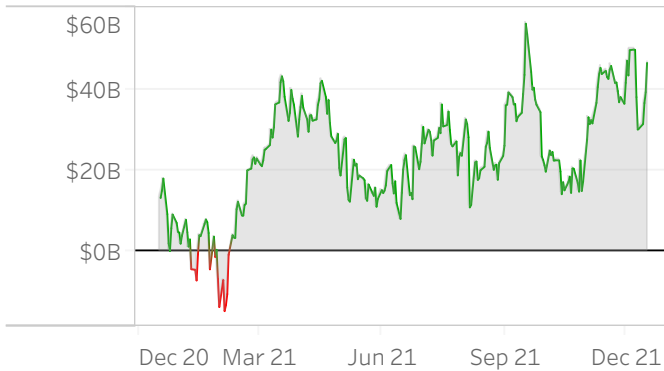
Size & Style Most Oversold

Ticker	Fund	Price
NUMG	Nuveen ESG Mid-Cap Growth ETF	24.77
BIBL	Inspire 100 ETF	25.40
NUSC	Nuveen ESG Small-Cap ETF	27.52
MFMS	Motley Fool Small-Cap Growth ETF	27.63
ISMD	Inspire Small/Mid Cap Impact ETF	29.30
JSML	Janus Henderson Small Cap Growth Alpha ETF	31.52
IPO	Renaissance IPO ETF	32.46
NUMV	Nuveen ESG Mid-Cap Value ETF	33.60
BUZZ	VanEck Social Sentiment ETF	34.16
NULG	Nuveen ESG Large-Cap Growth ETF	34.38

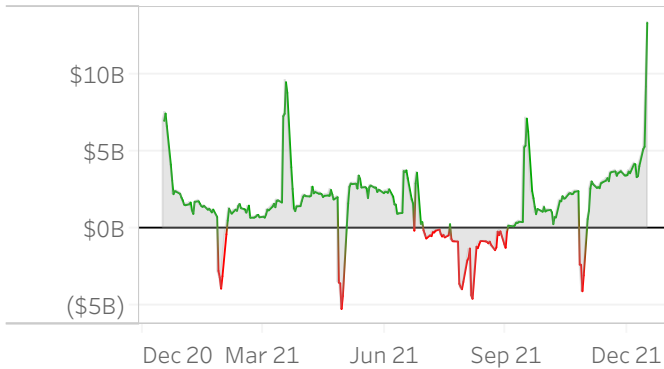
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

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

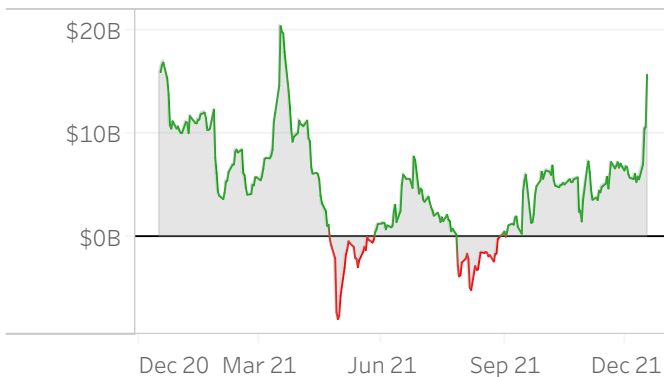
Large-Cap 30-Day Rolling Flows



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	24	\$1,394B	\$6.84B	\$33.86B	\$95.09B	\$137.59B
Large Cap, Beta Growth, Beta: Growth	10	\$287B	\$6.63B	\$6.86B	\$15.71B	\$8.38B
Mid Cap, Beta, Beta	10	\$199B	\$5.80B	\$6.70B	\$9.38B	\$13.76B
Large Cap, Beta Growth, Beta: Value	11	\$218B	\$5.60B	\$12.00B	\$12.86B	\$33.62B
Small Cap, Beta, Beta	12	\$225B	\$4.39B	\$11.40B	\$12.64B	\$23.74B
Small Cap, Beta, Beta: Value	7	\$60B	\$3.39B	\$3.75B	\$1.86B	\$8.61B
Mid Cap, Beta, Beta: Value	6	\$45B	\$2.31B	\$2.72B	\$1.65B	\$5.66B
Small Cap, Beta, Beta: Growth	7	\$40B	\$1.97B	\$1.54B	\$2.47B	\$2.01B
Mid Cap, Beta, Beta: Growth	6	\$43B	\$1.81B	\$1.61B	\$2.20B	(\$1.30B)

U.S. Size & Style Flow Leaders

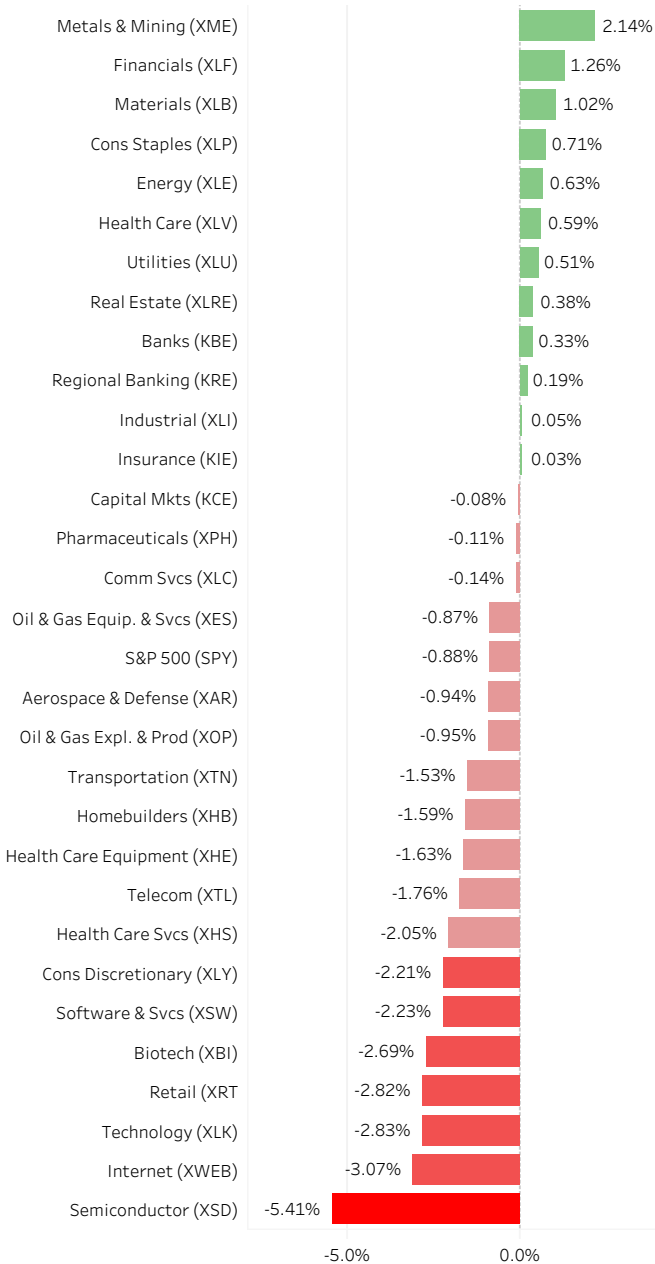
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$4.68B	\$9.58B	\$35.86B	\$35.81B	\$440.13B
QQQ	Invesco QQQ Trust	\$3.50B	\$7.17B	\$17.90B	\$19.23B	\$212.25B
IVW	iShares S&P 500 Growth ETF	\$3.00B	\$3.59B	\$4.04B	(\$1.99B)	\$43.30B
VOO	Vanguard S&P 500 ETF	\$2.84B	\$5.09B	\$18.48B	\$43.81B	\$274.55B
VO	Vanguard Mid-Cap ETF	\$2.64B	\$3.46B	\$5.23B	\$6.65B	\$59.24B
VB	Vanguard Small-Cap ETF	\$2.20B	\$2.54B	\$3.64B	\$6.34B	\$50.96B
SPYV	SPDR Portfolio S&P 500 Value ETF	\$2.10B	\$2.53B	\$2.67B	\$4.73B	\$15.43B
IJR	iShares Core S&P Small Cap ETF	\$1.90B	\$3.69B	\$3.16B	\$5.87B	\$73.54B
IVE	iShares S&P 500 Value ETF	\$1.77B	\$2.16B	\$1.48B	\$2.84B	\$25.08B
IJH	iShares Core S&P Mid-Cap ETF	\$1.75B	\$2.01B	\$3.02B	\$3.11B	\$67.57B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVV	iShares Core S&P 500 ETF	(\$4.89B)	\$7.66B	\$13.77B	\$24.19B	\$327.42B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.41B)	(\$1.63B)	(\$2.16B)	(\$0.81B)	\$29.56B
MTUM	iShares MSCI USA Momentum Factor ETF	(\$0.28B)	(\$0.19B)	(\$1.14B)	\$0.01B	\$14.75B
PSC	Principal U.S. Small-Cap Multi-Factor ETF	(\$0.19B)	(\$0.39B)	(\$0.40B)	\$0.11B	\$1.21B
IWM	iShares Russell 2000 ETF	(\$0.16B)	\$4.55B	\$2.34B	\$4.24B	\$67.60B
USMC	Principal U.S. Mega-Cap ETF	(\$0.15B)	(\$0.34B)	(\$0.31B)	(\$0.31B)	\$1.85B
IWF	iShares Russell 1000 Growth ETF	(\$0.14B)	(\$0.49B)	\$1.21B	(\$2.29B)	\$78.48B
SPLV	Invesco S&P 500 Low Volatility ETF	(\$0.07B)	\$0.04B	(\$0.33B)	(\$1.41B)	\$8.50B
SIZE	iShares MSCI USA Size Factor ETF	(\$0.05B)	(\$0.03B)	(\$0.29B)	(\$0.53B)	\$0.58B
IWB	iShares Russell 1000 ETF	(\$0.05B)	(\$0.50B)	(\$0.40B)	(\$0.44B)	\$31.55B

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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	0.00%	20.87%	6.07%	8.16%	74.30
XLRE	Real Estate Select Sector SPDR Fund	0.00%	43.24%	4.74%	11.32%	61.94
XLU	Utilities Select Sector SPDR Fund	0.00%	21.80%	5.82%	7.47%	69.88
XLV	Health Care Select Sector SPDR Fund	0.00%	25.35%	5.16%	8.77%	73.99
SPY	SPDR S&P 500 ETF Trust	-0.91%	26.48%	1.48%	7.36%	52.76
XLB	Materials Select Sector SPDR Fund	-1.48%	25.67%	2.62%	5.75%	59.16
XLI	Industrial Select Sector SPDR Fund	-2.71%	22.94%	-0.09%	1.61%	49.84
XLF	Financial Select Sector SPDR Fund	-2.86%	36.30%	-0.14%	5.34%	53.41
XLK	Technology Select Sector SPDR Fund	-3.36%	34.32%	2.64%	12.26%	50.49
XLE	Energy Select Sector SPDR Fund	-6.15%	46.44%	-2.66%	5.93%	46.01
XLY	Consumer Discretionary Select Sector SPDR Fund	-7.00%	26.18%	-2.09%	7.50%	41.06
XLC	Communication Services Select Sector SPDR Fund	-10.76%	17.99%	-2.95%	-3.57%	45.01

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	Performance (%)
XME	SPDR S&P Metals & Mining ETF	2.14%
FXZ	First Trust Materials AlphaDEX Fund	1.87%
IYM	iShares U.S. Basic Materials ETF	1.57%
IHE	iShares U.S. Pharmaceuticals ETF	1.56%
RTM	Invesco S&P 500 Equal Weight Materials ETF	1.32%
XLF	Financial Select Sector SPDR Fund	1.26%
FXG	First Trust Consumer Staples AlphaDEX Fund	1.22%
IYK	iShares U.S. Consumer Staples ETF	1.11%
MLPA	Global X MLP ETF	1.09%
RHS	Invesco S&P 500 Equal Weight Consumer Staples ..	1.08%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
XLP	Consumer Staples Select Sector SPDR Fund	74.30
XLV	Health Care Select Sector SPDR Fund	73.99
IYK	iShares U.S. Consumer Staples ETF	73.09
RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	72.85
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER STAPLES..	71.24
RYU	Invesco S&P 500 Equal Weight Utilities ETF	69.99
XLU	Utilities Select Sector SPDR Fund	69.88
IYH	iShares U.S. Healthcare ETF	69.62
IHE	iShares U.S. Pharmaceuticals ETF	69.48
FUTY	Fidelity MSCI Utilities Index ETF	69.07

Sector & Industry 1 Day Performance Laggards

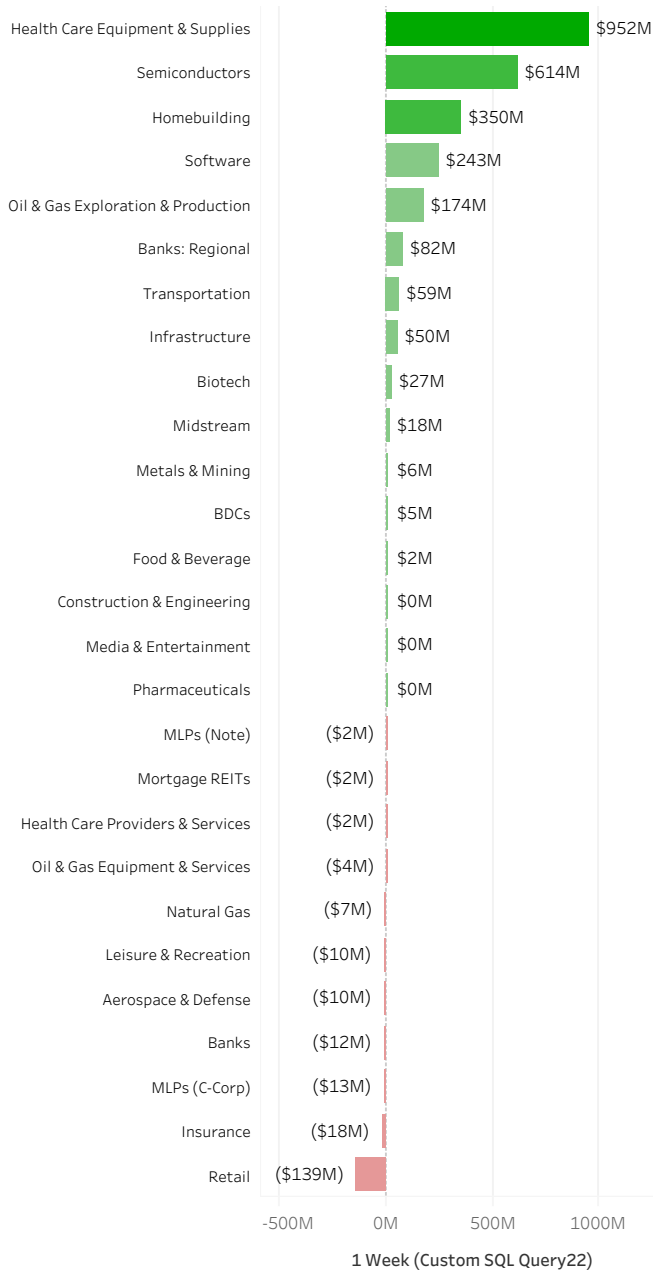
Ticker	Fund	Performance (%)
XSD	SPDR S&P Semiconductor ETF	-5.41%
PTF	Invesco DWA Technology Momentum ETF	-5.34%
PSI	Invesco Dynamic Semiconductors ETF	-4.71%
SOXX	iShares Semiconductor ETF	-4.36%
PEZ	Invesco DWA Consumer Cyclical Momentum ETF	-3.80%
FTXL	First Trust Nasdaq Semiconductor ETF	-3.39%
QTEC	First Trust NASDAQ-100 Technology Sector Index Fund	-3.31%
XNTK	SPDR NYSE Technology ETF	-3.23%
IYW	iShares U.S. Technology ETF	-3.17%
IGV	iShares Expanded Tech-Software Sector ETF	-3.14%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
REM	iShares Mortgage Real Estate ETF	30.15
PEZ	Invesco DWA Consumer Cyclical Momentum ETF	30.43
PNQI	Invesco NASDAQ Internet ETF	31.82
XRT	SPDR S&P Retail ETF	32.55
PSCH	Invesco S&P SmallCap Health Care ETF	34.89
PBS	Invesco Dynamic Media ETF	35.18
MORT	VanEck Mortgage REIT Income ETF	35.29
PEJ	Invesco Dynamic Leisure & Entertainment ETF	35.65
PSJ	Invesco Dynamic Software ETF	35.69
ENFR	Alerian Energy Infrastructure ETF	36.48

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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	\$472M	(\$111M)	\$1,408M	\$1,369M
Consumer Discretionary	13	\$39B	\$1,330M	\$2,792M	\$3,069M	\$1,583M
Consumer Staples	12	\$22B	\$327M	(\$621M)	\$445M	(\$1,836M)
Energy	34	\$53B	\$888M	\$1,635M	(\$882M)	\$9,420M
Financials	28	\$82B	\$841M	\$2,941M	(\$2,904M)	\$20,438M
Health Care	26	\$92B	\$822M	\$1,866M	\$6,965M	\$3,421M
Industrial	14	\$35B	\$210M	(\$767M)	(\$4,194M)	(\$474M)
Materials	10	\$16B	(\$26M)	(\$823M)	(\$3,556M)	\$3,398M
Multi-Sector	17	\$27B	\$951M	\$2,065M	\$1,924M	\$4,351M
Real Estate	22	\$81B	\$532M	\$1,904M	\$5,744M	\$11,617M
Technology	24	\$163B	\$2,923M	\$5,007M	\$10,572M	\$8,254M
Utilities	10	\$21B	(\$75M)	(\$552M)	\$1,211M	\$84M

U.S. Sector & Industry Flow Leaders

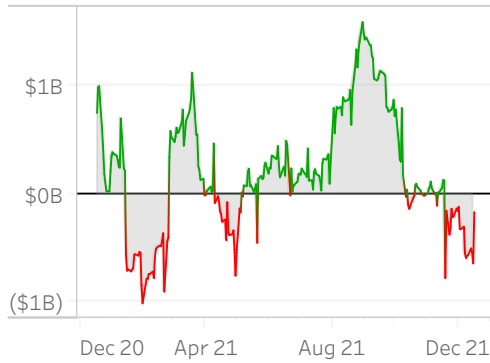
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLK	Technology Select Sector SPDR Fund	\$1,589M	\$2,613M	\$3,537M	\$2,467M	\$53,227M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$1,399M	\$3,059M	\$2,654M	(\$714M)	\$25,002M
IHI	iShares U.S. Medical Devices ETF	\$954M	\$1,009M	\$1,400M	(\$711M)	\$9,616M
FTXN	First Trust Nasdaq Oil & Gas ETF	\$720M	\$860M	\$841M	\$874M	\$882M
QTEC	First Trust NASDAQ-100 Technology Sector Ind..	\$506M	\$498M	\$427M	(\$127M)	\$4,542M
XLC	Communication Services Select Sector SPDR Fu..	\$500M	(\$61M)	\$769M	\$465M	\$14,430M
FDN	First Trust Dow Jones Internet Index Fund	\$498M	\$455M	\$199M	(\$2,010M)	\$10,565M
SOXX	iShares Semiconductor ETF	\$451M	\$1,207M	\$1,744M	\$2,568M	\$10,053M
XLF	Financial Select Sector SPDR Fund	\$427M	\$1,630M	(\$2,319M)	\$9,757M	\$43,715M
IGV	iShares Expanded Tech-Software Sector ETF	\$379M	\$839M	\$955M	(\$77M)	\$6,252M

U.S. Sector & Industry Flow Laggards

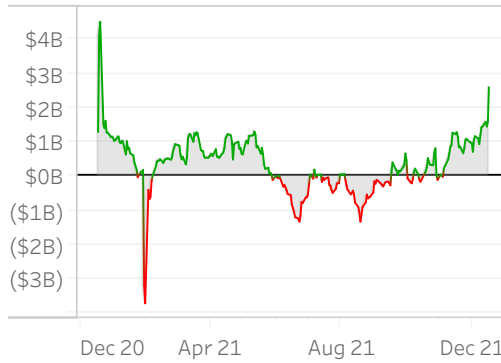
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
FXL	First Trust Technology AlphaDEX Fund	(\$389M)	(\$776M)	(\$729M)	(\$1,015M)	\$1,994M
XLV	Health Care Select Sector SPDR Fund	(\$154M)	(\$165M)	\$3,479M	\$3,199M	\$34,121M
XRT	SPDR S&P Retail ETF	(\$139M)	(\$364M)	(\$28M)	(\$180M)	\$658M
REZ	iShares Residential and Multisector Real Estat..	(\$139M)	(\$41M)	\$364M	\$507M	\$1,131M
XSW	SPDR S&P Software & Services ETF	(\$132M)	(\$173M)	(\$149M)	(\$14M)	\$396M
XLE	Energy Select Sector SPDR Fund	(\$101M)	(\$297M)	(\$995M)	\$5,307M	\$25,593M
XLU	Utilities Select Sector SPDR Fund	(\$95M)	(\$697M)	\$800M	(\$351M)	\$13,162M
IYZ	iShares U.S. Telecommunications ETF	(\$86M)	\$111M	\$85M	\$90M	\$520M
IBB	iShares Biotechnology ETF	(\$77M)	\$214M	(\$14M)	(\$367M)	\$9,876M
XLB	Materials Select Sector SPDR Fund	(\$71M)	(\$379M)	(\$2,367M)	\$1,448M	\$7,904M

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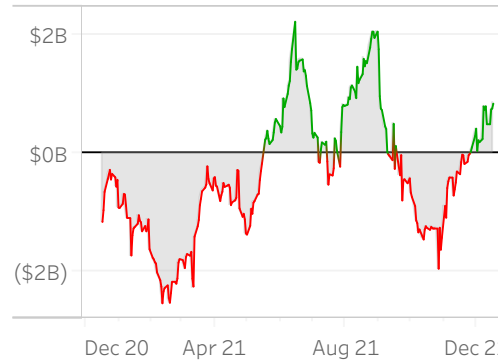
Communication Services



Consumer Discretionary



Consumer Staples



Energy



Financials



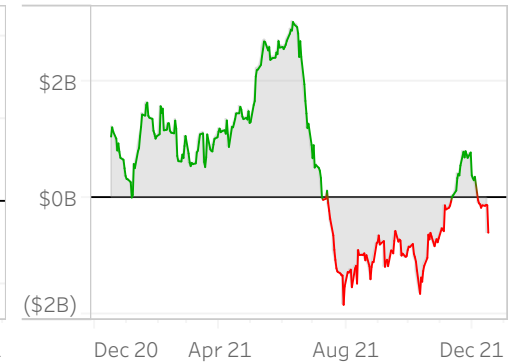
Industrial



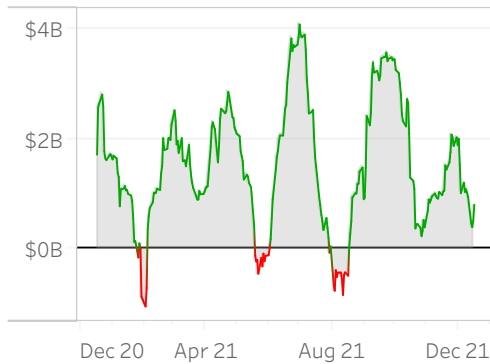
Health Care



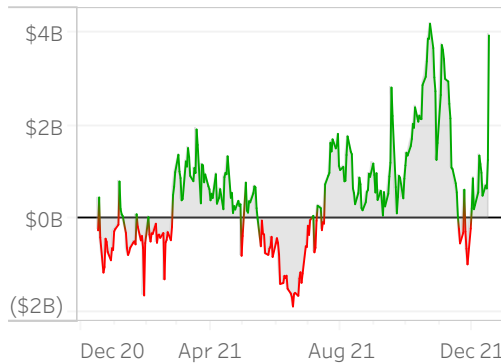
Materials



Real Estate



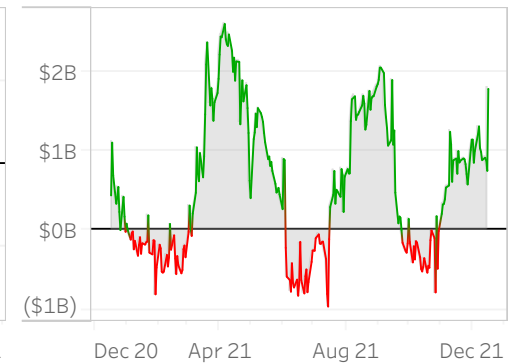
Technology



Utilities

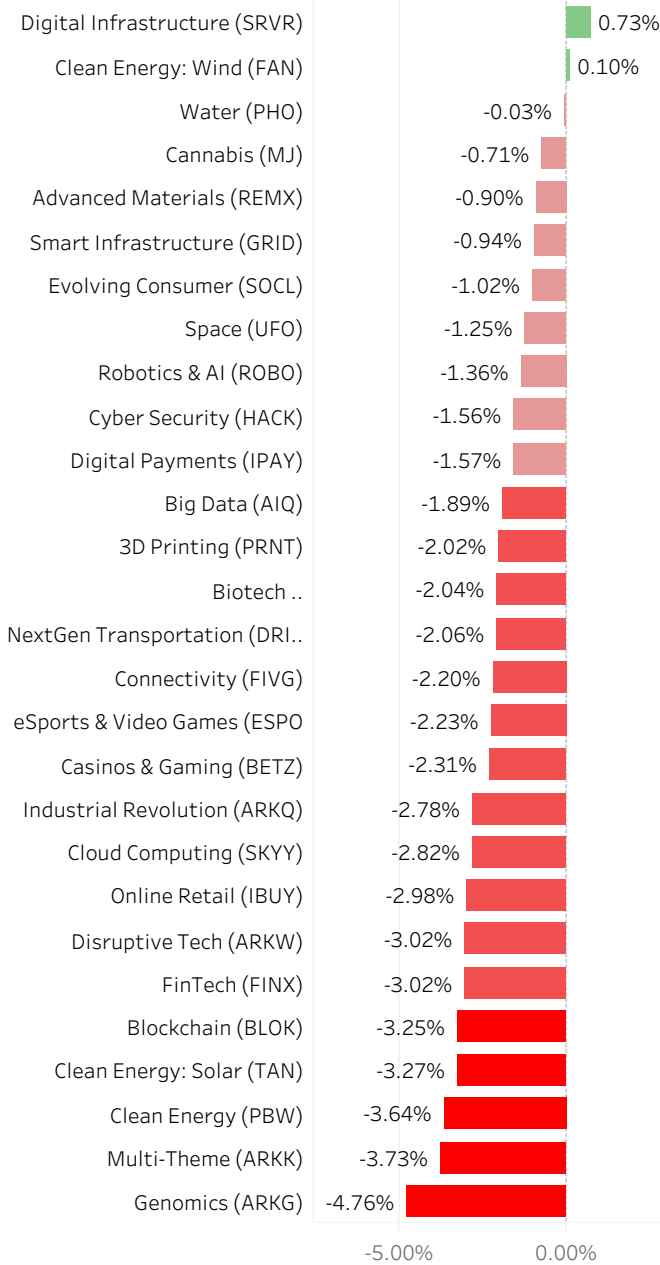


Multi-Sector

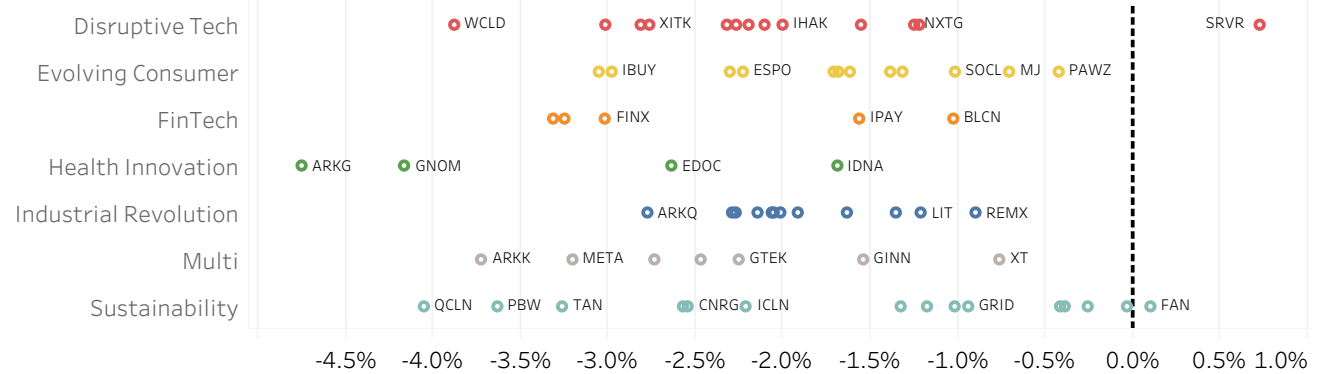


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
GERM	ETFMG Treatments Testing and Advancements ETF	1.97%
RNRG	Global X Funds Global X Renewable Energy Producers ETF	0.73%
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR..	0.73%
AGNG	Global X Aging Population ETF	0.25%
EVX	VanEck Environmental Services ETF	0.17%
FAN	First Trust Global Wind Energy ETF	0.10%
LEGR	First Trust Indxx Innovative Transaction & Process ETF	-0.02%
VPN	Global X Data Center REITs & Digital Infrastructure ETF	-0.03%
PHO	Invesco Water Resources ETF	-0.03%
KSTR	KraneShares SSE STAR Market 50 Index ETF	-0.08%

Thematic Most Overbought

Ticker	Fund	Value
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR..	58.27
VPN	Global X Data Center REITs & Digital Infrastructure ETF	55.24
PIO	Invesco Global Water ETF	55.10
EBLU	Ecofin Global Water ESG Fund	54.78
NXTG	First Trust Indxx NextG ETF	53.35
PHO	Invesco Water Resources ETF	52.66
CGW	Invesco S&P Global Water Index ETF	52.03
FIVG	Defiance Next Gen Connectivity ETF	51.17
FIW	First Trust Water ETF	50.35
GERM	ETFMG Treatments Testing and Advancements ETF	49.79

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
DAPP	VanEck Digital Transformation ETF	-5.37%
BKCH	Global X Blockchain ETF	-5.34%
ARKG	ARK Genomic Revolution ETF	-4.76%
BITQ	Bitwise Crypto Industry Innovators ETF	-4.37%
GNOM	Global X Genomics & Biotechnology ETF	-4.17%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	-4.06%
WCLD	WisdomTree Cloud Computing Fund	-3.88%
ARKK	ARK Innovation ETF	-3.73%
PBW	Invesco WilderHill Clean Energy ETF	-3.64%
ARKF	ARK Fintech Innovation ETF	-3.32%

Thematic Most Oversold

Ticker	Fund	Value
IBUY	Amplify Online Retail ETF	22.57
ONLN	ProShares Online Retail ETF	24.82
EBIZ	Global X E-Commerce ETF	25.58
KEMQ	KraneShares Emerging Markets Consumer Technology In..	25.64
ARKF	ARK Fintech Innovation ETF	27.49
ARKW	ARK Next Generation Internet ETF	27.53
THCX	Cannabis ETF	27.60
EMQQ	Emerging Markets Internet & Ecommerce ETF	27.72
CNBS	Amplify Seymour Cannabis ETF	28.80
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	28.99

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Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$427M
SKYY	First Trust Cloud Computing ETF	\$367M
ARKK	ARK Innovation ETF	\$223M
XITK	SPDR FactSet Innovative Technology ETF	\$80M
LIT	Global X Lithium & Battery Tech ETF	\$55M
PHO	Invesco Water Resources ETF	\$50M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$41M
CNRG	SPDR S&P Kensho Clean Power ETF	\$36M
META	Roundhill Ball Metaverse ETF	\$36M
HAIL	SPDR S&P Kensho Smart Mobility ETF	\$32M

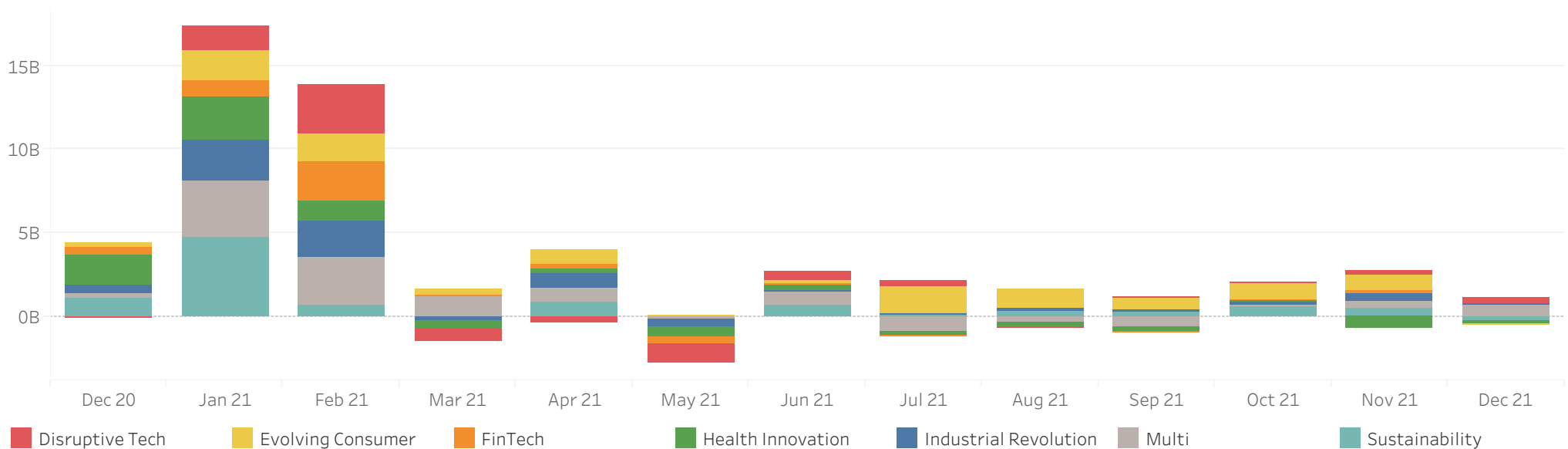
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKG	ARK Genomic Revolution ETF	(\$127M)
TAN	Invesco Solar ETF	(\$93M)
ARKW	ARK Next Generation Internet ETF	(\$50M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$39M)
ICLN	iShares Global Clean Energy ETF	(\$38M)
IHAK	iShares Cybersecurity & Tech ETF	(\$30M)
MSOS	AdvisorShares Pure US Cannabis ETF	(\$22M)
HACK	ETFMG Prime Cyber Security ETF	(\$18M)
ARKF	ARK Fintech Innovation ETF	(\$12M)
EMQQ	Emerging Markets Internet & Ecommerce ETF	(\$11M)

Thematic Landscape Assets & Flows

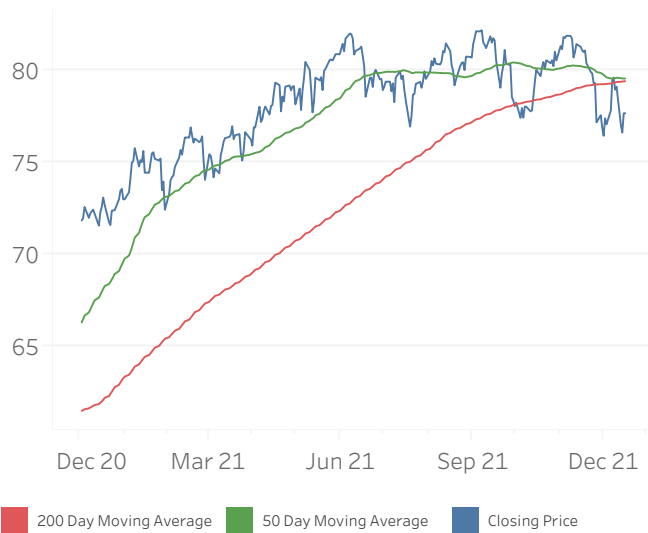
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	37	\$28B	\$343M	\$251M	\$646M	\$3,611M
Evolving Consumer	44	\$16B	(\$38M)	\$2,020M	\$5,740M	\$10,704M
FinTech	18	\$7B	(\$4M)	(\$38M)	(\$65M)	\$3,860M
Health Innovation	16	\$7B	(\$126M)	(\$1,048M)	(\$1,313M)	\$3,470M
Industrial Revolution	22	\$17B	\$33M	\$567M	\$1,062M	\$6,622M
Multi	28	\$27B	\$835M	\$837M	(\$234M)	\$8,505M
Sustainability	36	\$23B	\$64M	\$844M	\$1,716M	\$9,321M
Grand Total	201	\$124B	\$1,107M	\$3,432M	\$7,553M	\$46,093M

Thematic Monthly Flows

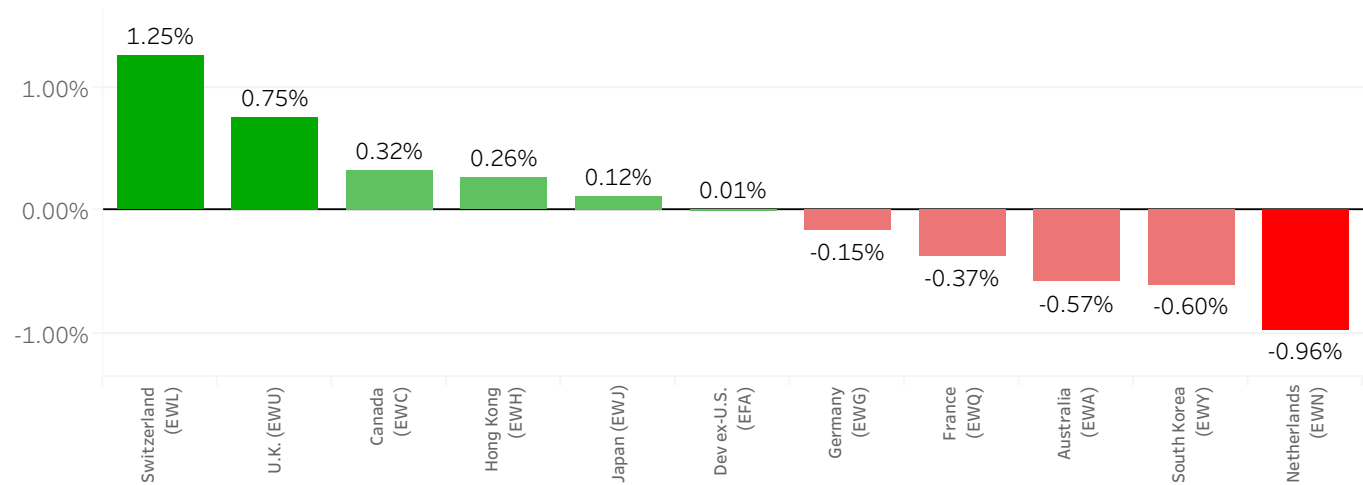


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

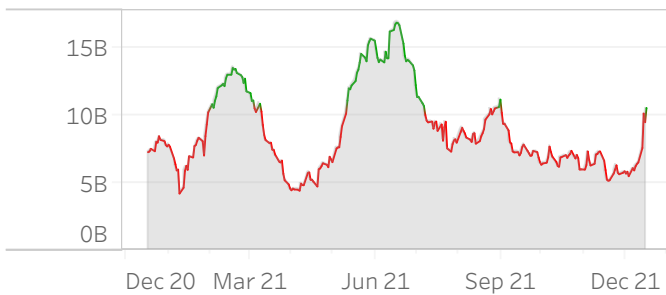
Developed ex-U.S. (EFA)



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



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



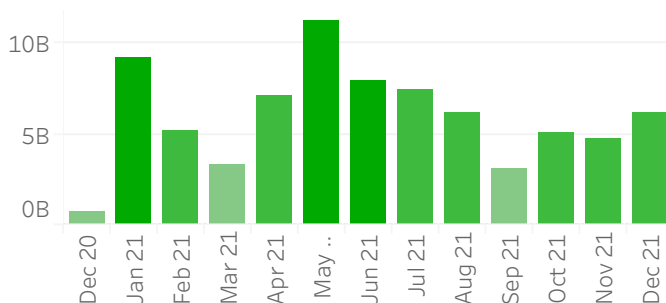
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWL	iShares MSCI Switzerland ETF	1.25%
FKU	First Trust United Kingdom AlphaDEX Fund	1.19%
IVLU	iShares MSCI Intl Value Factor ETF	0.84%
DFIV	Dimensional International Value ETF	0.77%
EWU	iShares MSCI United Kingdom ETF	0.75%
FLGB	Franklin FTSE United Kingdom ETF	0.74%
EFAV	iShares MSCI EAFE Min Vol Factor ETF	0.72%
IQIN	IQ 500 International ETF	0.70%
EWO	iShares MSCI Austria ETF	0.68%
FGM	First Trust Germany AlphaDEX Fund	0.65%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EWL	iShares MSCI Switzerland ETF	64.23
LVHI	Legg Mason International Low Volatility High Dividend ETF	58.99
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	58.41
DOO	WisdomTree International Dividend ex-Financials Fund	57.17
DXJ	WisdomTree Japan Hedged Equity Fund	56.71
QLVD	FlexShares Developed Markets ex-US Quality Low Volatilit..	56.42
IDLV	Invesco S&P International Developed Low Volatility ETF	56.01
DOL	WisdomTree International LargeCap Dividend Fund	55.74
DDWM	WisdomTree Dynamic Currency Hedged International Equi..	55.25
DTH	WisdomTree International High Dividend Fund	55.19

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
ISRA	VanEck Israel ETF	-1.01%
PIZ	Invesco DWA Developed Markets Momentum ETF	-0.99%
EWN	iShares MSCI Netherlands ETF	-0.96%
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	-0.71%
HEZU	iShares Currency Hedged MSCI Eurozone ETF	-0.67%
EWY	iShares MSCI South Korea ETF	-0.60%
EWA	iShares MSCI Australia ETF	-0.57%
TOK	iShares MSCI Kokusai ETF	-0.54%
FLKR	Franklin FTSE South Korea ETF	-0.53%
ENZL	iShares MSCI New Zealand ETF	-0.50%

Developed ex-U.S. Most Oversold

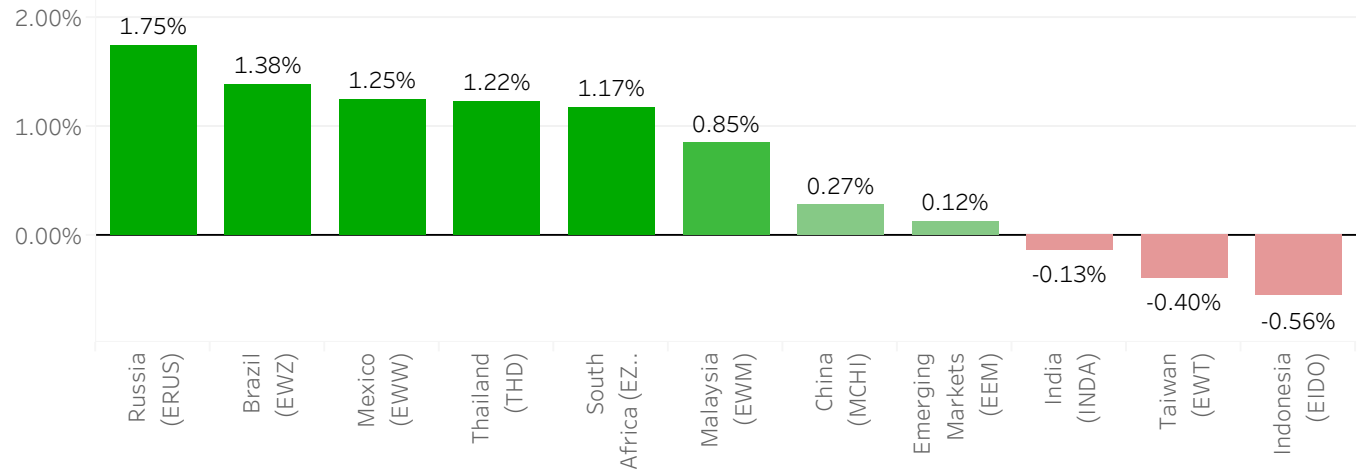
Ticker	Fund	Value
EWS	iShares MSCI Singapore ETF	20.48
EWUS	iShares MSCI United Kingdom Small Cap ETF	30.71
AAXJ	iShares MSCI All Country Asia ex Japan ETF	33.47
EWP	iShares MSCI Spain ETF	34.48
EWH	iShares MSCI Hong Kong ETF	34.77
SCHC	Schwab International Small-Cap Equity ETF	35.08
EPP	iShares MSCI Pacific ex-Japan ETF	35.37
NUDM	Nuveen ESG International Developed Markets Equit..	35.90
ENZL	iShares MSCI New Zealand ETF	36.03
AIA	iShares Asia 50 ETF	36.15

* 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)



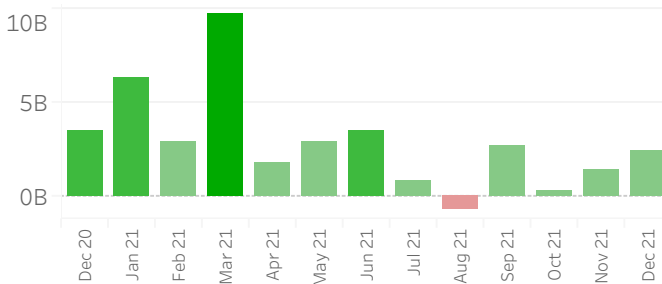
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EPU	iShares MSCI Peru ETF	2.36%
SDEM	Global X MSCI SuperDividend Emerging Markets ETF	2.11%
ECH	iShares MSCI Chile ETF	1.88%
ERUS	iShares MSCI Russia ETF	1.75%
EPHE	iShares MSCI Philippines ETF	1.73%
ILF	iShares Latin America 40 ETF	1.60%
FEM	First Trust Emerging Markets AlphaDEX Fund	1.60%
RSX	VanEck Russia ETF	1.47%
KSA	iShares MSCI Saudi Arabia ETF	1.46%
DVYE	iShares Emerging Markets Dividend ETF	1.41%

Emerging Most Overbought

Ticker	Fund	Price
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	60.52
KBA	KraneShares Boserá MSCI China A Share ETF	60.33
FEM	First Trust Emerging Markets AlphaDEX Fund	56.42
DEM	WisdomTree Emerging Markets High Dividend Fund	54.79
EWW	iShares MSCI Mexico ETF	54.73
CNYA	iShares MSCI China A ETF	54.56
EDIV	SPDR S&P Emerging Markets Dividend ETF	54.53
VNM	VanEck Vietnam ETF	54.52
PIE	Invesco DWA Emerging Markets Momentum ETF	53.97
EPHE	iShares MSCI Philippines ETF	52.45

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
TUR	iShares MSCI Turkey ETF	-1.73%
PGJ	Invesco Golden Dragon China ETF	-1.55%
SMIN	iShares MSCI India Small Cap ETF	-1.20%
EWZS	iShares MSCI Brazil Small-Cap ETF	-0.60%
EIDO	iShares MSCI Indonesia ETF	-0.56%
GLIN	VanEck India Growth Leaders ETF	-0.53%
EWT	iShares MSCI Taiwan ETF	-0.40%
EEMS	iShares MSCI Emerging Markets Small Cap ETF	-0.37%
EPI	WisdomTree India Earnings Fund	-0.36%
IDX	VanEck Indonesia Index ETF	-0.20%

Emerging Most Oversold

Ticker	Fund	Price
MFEM	PIMCO RAFI Dynamic Multi-Factor Emerging Market..	21.80
INDY	iShares India 50 ETF	26.27
PGJ	Invesco Golden Dragon China ETF	28.38
INDA	iShares MSCI India ETF	28.79
ECNS	iShares MSCI China Small-Cap ETF	29.41
NUEM	Nuveen ESG Emerging Markets Equity ETF	30.40
BKF	iShares MSCI BRIC ETF	30.91
EWM	iShares MSCI Malaysia ETF	31.04
ESGE	iShares ESG Aware MSCI EM ETF	31.33
FNI	First Trust Chindia ETF	31.49

* 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	0.14%	0.68%	-1.53%
SHY	1-3 Year Treasury Bonds	0.08%	-0.08%	-0.61%
IEF	7-10 Year Treasury Bonds	0.29%	1.64%	-2.70%
TLT	20+ Year Treasury Bonds	0.04%	3.02%	-3.99%
TIP	TIPS Bonds	0.21%	-1.07%	4.60%
FLOT	Floating Rate Bonds	-0.01%	-0.27%	0.25%
LQD	Investment Grade Corporate	0.00%	1.10%	-1.71%
HYG	High Yield Corporate	-0.07%	0.28%	3.08%
BKLN	Senior Loan	-0.14%	-0.29%	1.69%
PFF	Preferred & Income Securities	0.64%	0.75%	5.53%
MUB	Municipal Bonds	0.05%	0.73%	1.11%
MBB	MBS	0.20%	0.14%	-1.30%
EMB	Dollar Denominated EM Bonds	0.10%	0.33%	-2.59%
LEMB	Local Currency EM Bond	-0.23%	-2.93%	-11.01%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.97%	-6.89%	27.76%
DBE	Energy	0.50%	-7.91%	53.26%
USO	WTI Crude Oil	0.48%	-7.70%	57.13%
BNO	Brent Crude Oil	0.40%	-8.40%	55.75%
UNG	Natural Gas	-0.88%	-28.17%	34.13%
UGA	Gasoline	1.12%	-5.52%	64.05%
DBP	Precious Metals	1.29%	-4.27%	-9.00%
GLD	Gold	1.21%	-2.75%	-5.72%
SLV	Silver	1.86%	-9.45%	-15.38%
PPLT	Platinum	1.74%	-11.92%	-13.43%
PALL	Palladium	7.97%	-20.12%	-30.11%
DBB	Base Metals	2.15%	2.88%	23.99%
CPER	Copper	0.73%	-1.39%	20.51%
LD	Lead	-0.18%	2.30%	18.94%
JJN	Nickel	3.05%	1.74%	18.36%
JJU	Aluminum	2.63%	3.40%	31.84%
JJT	Tin	2.63%	2.53%	119.36%
DBA	Agriculture	0.30%	-0.65%	22.30%
CORN	Corn	0.70%	1.03%	38.45%
SOYB	Soybeans	0.50%	0.23%	12.48%
WEAT	Wheat	1.37%	-5.61%	19.55%
CANE	Sugar	0.32%	-2.80%	38.81%
BAL	Cotton	3.65%	-4.64%	38.40%
NIB	Cocoa	-0.27%	-0.24%	-6.03%
JO	Coffee	-0.69%	4.84%	72.41%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.43%	-0.04%	6.15%
UDN	Short Dollar	0.35%	-0.10%	-7.26%
FXE	Euro	0.41%	0.09%	-8.14%
FXB	British Pound Sterling	0.50%	-0.78%	-2.92%
FXF	Swiss Franc	0.53%	1.17%	-4.80%
FXJ	Japanese Yen	0.33%	0.99%	-9.70%
FXC	Canadian Dollar	0.52%	-1.71%	-0.85%
FXA	Australian Dollar	0.08%	-1.64%	-7.26%

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