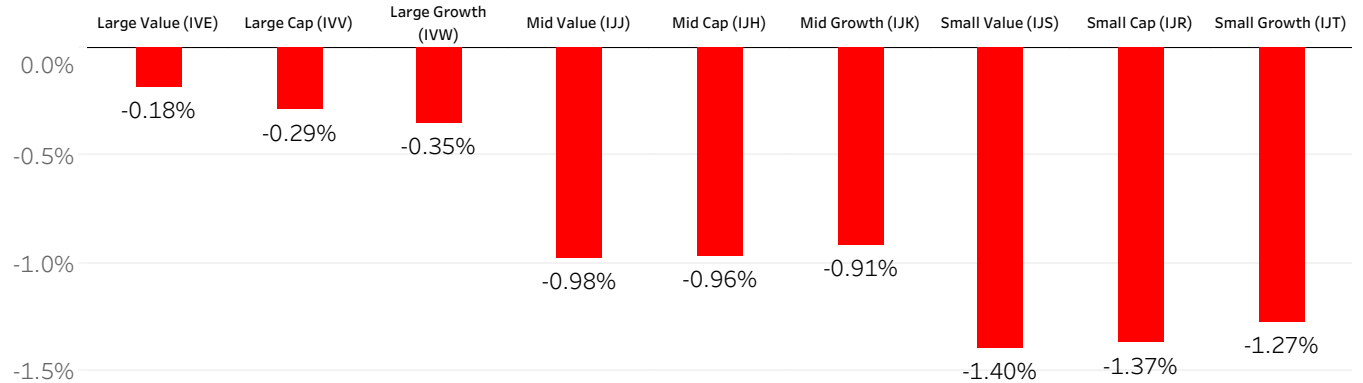


Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



Size & Style 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
ALTL	Pacer Lunt Large Cap Alternator ETF	0.21%
USMV	iShares MSCI USA Min Vol Factor ETF	0.19%
SPLV	Invesco S&P 500 Low Volatility ETF	0.18%
IQSU	IQ Candriam U.S. Large Cap Equity ETF	0.12%
ZECP	Zacks Earnings Consistent Portfolio ETF	0.11%
HUSV	First Trust Horizon Managed Volatility Domestic ETF	0.08%
VSMV	VictoryShares US Multi-Factor Minimum Volatility ETF	0.07%
FDLO	Fidelity Low Volatility Factor ETF	0.06%
SPC	CrossingBridge Pre-Merger SPAC ETF	0.05%
FTCS	First Trust Capital Strength ETF	0.02%

Size & Style Most Overbought

Ticker	Fund	Price
DIA	SPDR Dow Jones Industrial Average ETF Trust	76.04
CWS	AdvisorShares Focused Equity ETF	74.92
LCG	Sterling Capital Focus Equity ETF	74.66
IQSU	IQ Candriam U.S. Large Cap Equity ETF	74.09
MBOX	Freedom Day Dividend ETF	72.45
SPMO	Invesco S&P 500 Momentum ETF	72.07
NULG	Nuveen ESG Large-Cap Growth ETF	71.93
PBUS	Invesco MSCI USA ETF	71.63
DJD	Invesco Dow Jones Industrial Average Dividend ETF	71.63
DRUP	GraniteShares Nasdaq Select Disruptors ETF	71.61

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
IWC	iShares Micro-Cap ETF	-1.84%
IPO	Renaissance IPO ETF	-1.82%
DWAS	Invesco Dorsey Wright SmallCap Momentum ETF	-1.68%
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	-1.65%
IWM	iShares Russell 2000 ETF	-1.63%
VTWG	Vanguard Russell 2000 Growth ETF	-1.60%
BBSC	JPMorgan BetaBuilders U.S. Small Cap Equity ETF	-1.60%
VTWV	Vanguard Russell 2000 Value ETF	-1.59%
IWO	iShares Russell 2000 Growth ETF	-1.58%
VIOV	Vanguard S&P Small-Cap 600 Value ETF	-1.58%

Size & Style Most Oversold

Ticker	Fund	Price
SPC	CrossingBridge Pre-Merger SPAC ETF	13.01
DEIF	Sterling Capital Diverse Multi-Manager Active ETF	37.94
RPHS	Regents Park Hedged Market Strategy ETF	47.80
PTNQ	Pacer Trendpilot 100 ETF	52.56
ABEQ	Absolute Select Value ETF	53.73
DIVZ	TrueShares Low Volatility Equity Income ETF	54.96
LSAT	Leadershares Alphafactor Tactical Focused ETF	55.07
DUSA	Davis Select U.S. Equity ETF	55.65
PTMC	Pacer Trendpilot US Mid Cap ETF	56.58
ALTL	Pacer Lunt Large Cap Alternator ETF	57.14

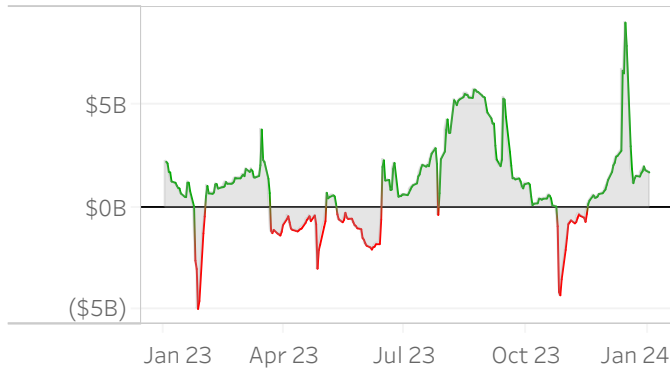
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

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

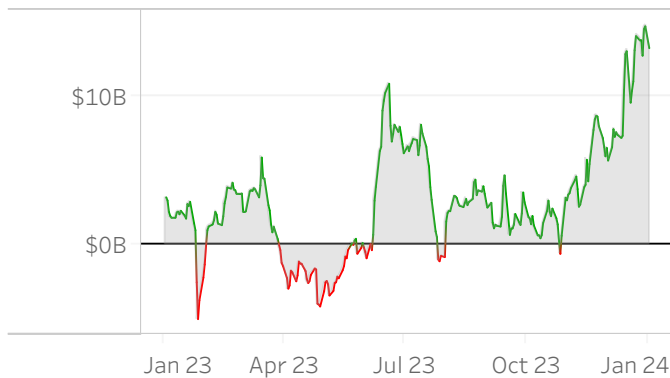
Large-Cap 30-Day Rolling Flows



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, Beta	26	\$1,687B	\$9.64B	\$95.58B	\$126.58B	\$160.27B
Large Cap, Beta, Beta: Growth	10	\$321B	\$0.37B	\$10.53B	\$14.39B	\$17.17B
Large Cap, Beta, Beta: Value	11	\$243B	\$0.39B	\$6.41B	\$7.95B	(\$0.74B)
Mid Cap, Beta, Beta	10	\$213B	\$0.10B	(\$0.33B)	\$6.09B	\$7.51B
Mid Cap, Beta, Beta: Growth	6	\$40B	\$0.06B	\$1.07B	\$1.31B	\$1.26B
Mid Cap, Beta, Beta: Value	6	\$41B	\$0.05B	(\$0.17B)	(\$0.74B)	(\$2.52B)
Small Cap, Beta, Beta	11	\$236B	\$1.62B	\$12.67B	\$15.57B	\$19.22B
Small Cap, Beta, Beta: Growth	7	\$38B	\$0.09B	\$1.10B	\$1.38B	\$0.96B
Small Cap, Beta, Beta: Value	7	\$55B	\$0.19B	\$1.03B	\$0.50B	(\$0.85B)

U.S. Size & Style Flow Leaders

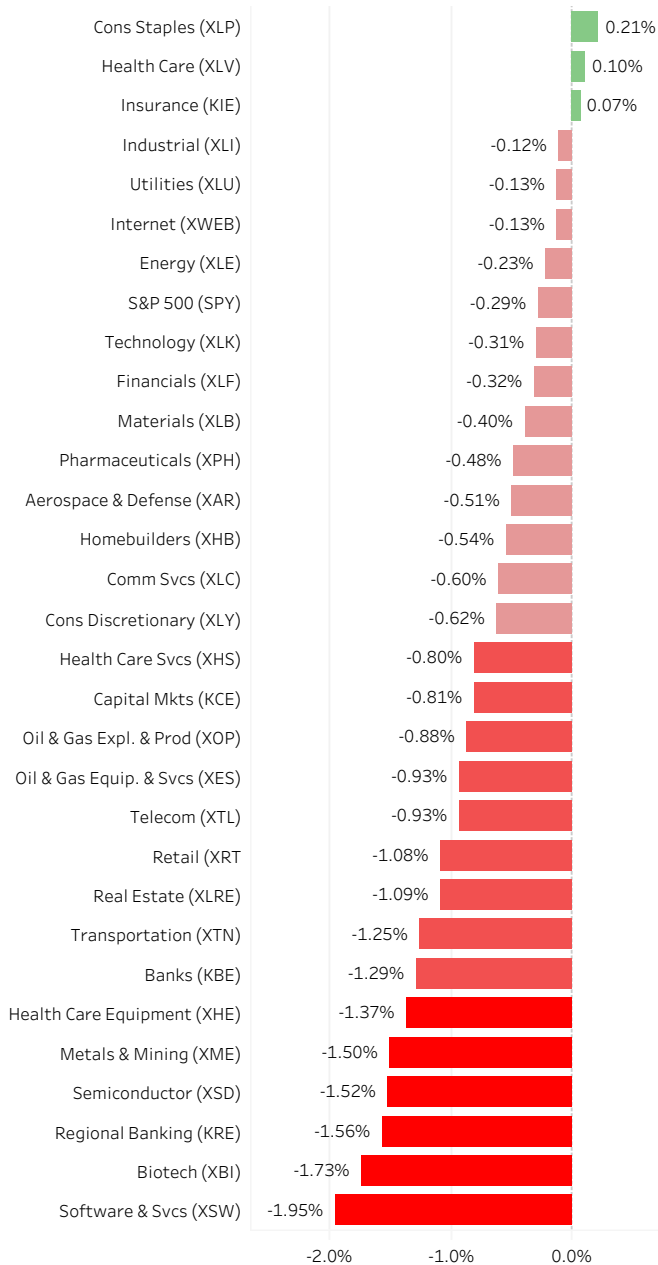
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$5.76B	\$47.22B	\$43.29B	\$52.01B	\$498.40B
IWM	iShares Russell 2000 ETF	\$1.28B	\$8.81B	\$8.40B	\$6.82B	\$68.45B
IVV	iShares Core S&P 500 ETF	\$1.22B	\$19.27B	\$38.91B	\$37.80B	\$400.75B
VOO	Vanguard S&P 500 ETF	\$1.14B	\$12.44B	\$21.67B	\$42.43B	\$373.45B
QQQ	Invesco QQQ Trust Series I	\$1.07B	\$5.02B	\$7.83B	\$7.19B	\$230.96B
VTI	Vanguard Total Stock Market ETF	\$0.97B	\$7.45B	\$12.74B	\$21.65B	\$349.14B
VTV	Vanguard Value ETF	\$0.27B	(\$0.26B)	\$1.31B	\$0.56B	\$106.25B
QQQM	Invesco NASDAQ 100 ETF	\$0.24B	\$2.19B	\$3.16B	\$8.38B	\$18.58B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.21B	\$4.41B	\$8.21B	\$12.84B	\$49.96B
VIG	Vanguard Dividend Appreciation ETF	\$0.18B	\$1.57B	\$1.36B	\$0.79B	\$74.28B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.58B)	\$1.08B	(\$0.01B)	(\$1.07B)	\$32.31B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.10B)	(\$0.23B)	(\$0.03B)	(\$0.51B)	\$20.67B
IWB	iShares Russell 1000 ETF	(\$0.07B)	\$0.06B	(\$0.43B)	(\$1.51B)	\$32.67B
IJR	iShares Core S&P Small Cap ETF	(\$0.05B)	\$0.59B	\$1.90B	\$2.66B	\$77.91B
MGK	Vanguard Mega Cap Growth ETF	(\$0.05B)	\$0.65B	\$0.91B	\$1.79B	\$16.46B
VXF	Vanguard Extended Market ETF	(\$0.04B)	\$0.26B	\$0.46B	\$1.17B	\$17.83B
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.03B)	(\$3.47B)	(\$3.82B)	(\$5.44B)	\$26.62B
IWY	iShares Russell Top 200 Growth ETF	(\$0.03B)	\$0.99B	\$0.52B	\$1.67B	\$8.45B
CDC	VictoryShares US EQ Income Enhanced Volatil..	(\$0.03B)	(\$0.17B)	(\$0.54B)	(\$0.84B)	\$1.02B
DGRO	iShares Core Dividend Growth ETF	(\$0.02B)	\$0.35B	\$0.26B	(\$1.06B)	\$25.23B

* 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)
XLV	Health Care Select Sector SPDR Fund	0.00%	10.75%	4.62%	3.72%	67.20
XLI	Industrial Select Sector SPDR Fund	-0.12%	18.20%	7.28%	9.44%	71.90
SPY	SPDR S&P 500 ETF Trust	-0.29%	23.34%	5.41%	9.01%	68.32
XLK	Technology Select Sector SPDR Fund	-0.31%	50.52%	5.99%	14.08%	66.95
XLF	Financial Select Sector SPDR Fund	-0.32%	21.37%	6.91%	11.03%	68.80
XLC	Communication Services Select Sector SPDR Fund	-0.60%	41.83%	4.62%	11.28%	64.05
XLB	Materials Select Sector SPDR Fund	-0.78%	14.88%	5.93%	6.21%	63.65
XLY	Consumer Discretionary Select Sector SPDR Fund	-1.43%	31.78%	6.56%	10.18%	61.86
XLRE	Real Estate Select Sector SPDR Fund	-4.23%	24.45%	9.36%	9.41%	65.95
XLP	Consumer Staples Select Sector SPDR Fund	-7.06%	8.77%	3.05%	-0.71%	61.27
XLE	Energy Select Sector SPDR Fund	-10.20%	9.47%	-0.79%	-1.04%	46.95
XLU	Utilities Select Sector SPDR Fund	-11.54%	12.71%	2.01%	-1.64%	53.12

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
MLPA	Global X MLP ETF	0.43%
MLPX	Global X MLP & Energy Infrastructure ETF	0.29%
ENFR	Alerian Energy Infrastructure ETF	0.26%
IYK	iShares U.S. Consumer Staples ETF	0.26%
XLP	Consumer Staples Select Sector SPDR Fund	0.21%
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER ST..	0.16%
KBWP	Invesco KBW Property & Casualty Insurance ETF	0.13%
IAK	iShares U.S. Insurance ETF	0.12%
FTXG	First Trust Nasdaq Food & Beverage ETF	0.12%
XLV	Health Care Select Sector SPDR Fund	0.10%

Sector & Industry Most Overbought

Ticker	Fund	Value
IAI	iShares U.S. Broker-Dealers & Securities Exchanges ETF	74.38
KCE	SPDR S&P Capital Markets ETF	73.94
INDS	Pacer Industrial Real Estate ETF	73.63
ITB	iShares U.S. Home Construction ETF	73.30
XHB	SPDR S&P Homebuilders ETF	72.73
PKB	Invesco Building & Construction ETF	72.72
IYJ	iShares U.S. Industrials ETF	72.46
VIS	Vanguard Industrials ETF	71.96
PEZ	Invesco Dorsey Wright Consumer Cyclical Momentum E..	71.95
XLI	Industrial Select Sector SPDR Fund	71.90

Sector & Industry 1 Day Performance Laggards

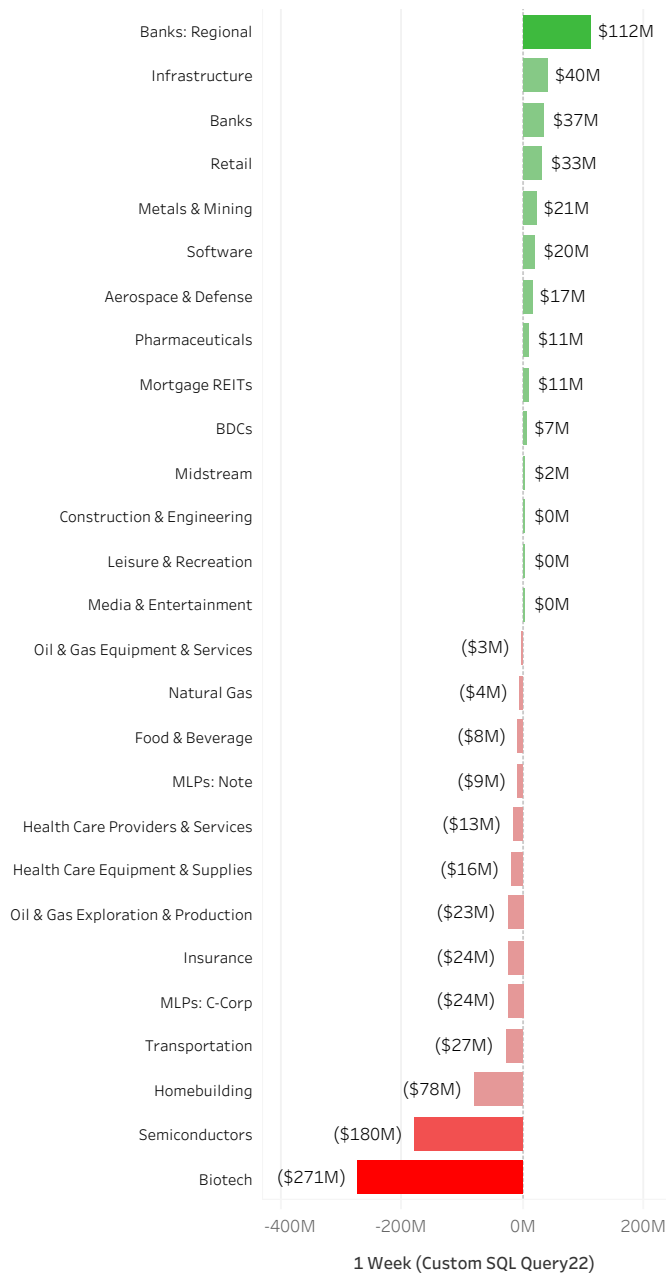
Ticker	Fund	1 Day Performance
MORT	VanEck Mortgage REIT Income ETF	-2.48%
REM	iShares Mortgage Real Estate ETF	-2.32%
PTH	Invesco Dorsey Wright Healthcare Momentum ETF	-1.95%
XSW	SPDR S&P Software & Services ETF	-1.95%
KBWY	Invesco KBW Premium Yield Equity REIT ETF	-1.80%
RIET	Hoya Capital High Dividend Yield ETF	-1.79%
QABA	First Trust NASDAQ ABA Community Bank Index Fund	-1.77%
XBI	SPDR S&P BIOTECH ETF	-1.73%
KBWR	Invesco KBW Regional Banking ETF	-1.62%
PSCH	Invesco S&P SmallCap Health Care ETF	-1.59%

Sector & Industry Most Oversold

Ticker	Fund	Value
MLPA	Global X MLP ETF	46.23
VDE	Vanguard Energy ETF	46.73
BIZD	VanEck BDC Income ETF	46.79
FCG	First Trust Natural Gas ETF	46.87
XLE	Energy Select Sector SPDR Fund	46.95
FENY	Fidelity MSCI Energy Index ETF	47.14
FTXN	First Trust Nasdaq Oil & Gas ETF	47.32
IYE	iShares U.S. Energy ETF	47.54
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	47.76
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	47.92

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

U.S. Sector & Industry 1-Week Flows



U.S. Sector Landscape

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Communication Services	7	\$21B	\$169M	\$1,698M	\$1,997M	\$4,083M
Consumer Discretionary	12	\$30B	\$94M	(\$8M)	\$1,563M	\$3,376M
Consumer Staples	10	\$25B	\$440M	(\$2,627M)	(\$3,803M)	(\$3,507M)
Energy	30	\$71B	(\$87M)	\$2,636M	\$2,653M	(\$8,121M)
Financials	26	\$62B	\$238M	\$506M	(\$1,091M)	\$620M
Health Care	23	\$87B	(\$439M)	(\$3,416M)	(\$6,737M)	(\$10,391M)
Industrial	13	\$37B	(\$313M)	(\$289M)	\$273M	\$1,565M
Materials	9	\$12B	\$333M	(\$548M)	(\$1,455M)	(\$2,135M)
Multi-Sector	17	\$21B	(\$10M)	(\$198M)	\$503M	\$2,581M
Real Estate	25	\$62B	\$28M	\$2,004M	\$2,334M	(\$1,395M)
Technology	23	\$177B	(\$122M)	\$5,210M	\$5,175M	\$5,744M
Utilities	9	\$22B	\$53M	(\$603M)	(\$1,421M)	(\$1,555M)

U.S. Sector & Industry Flow Leaders

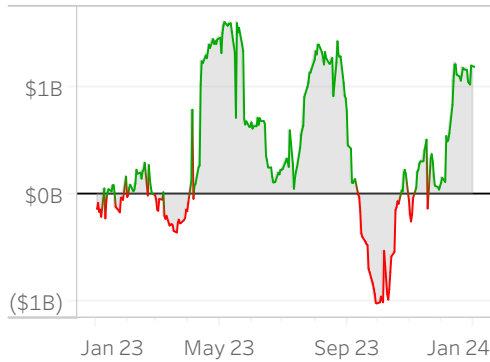
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLP	Consumer Staples Select Sector SPDR Fund	\$447M	(\$1,634M)	(\$1,568M)	(\$1,335M)	\$15,215M
XLB	Materials Select Sector SPDR Fund	\$309M	\$2M	(\$680M)	(\$314M)	\$5,405M
XLC	Communication Services Select Sector SPDR Fu..	\$153M	\$1,788M	\$1,712M	\$3,868M	\$16,473M
PTF	Invesco Dorsey Wright Technology Momentum ..	\$115M	\$120M	\$89M	\$195M	\$476M
KRE	SPDR S&P Regional Banking ETF	\$109M	\$790M	\$295M	\$1,512M	\$4,129M
XLF	Financial Select Sector SPDR Fund	\$92M	(\$421M)	(\$1,861M)	(\$85M)	\$34,131M
VNQ	Vanguard Real Estate ETF	\$73M	(\$675M)	(\$298M)	(\$1,823M)	\$33,952M
KBE	SPDR S&P Bank ETF	\$63M	\$626M	\$338M	\$308M	\$2,057M
XLU	Utilities Select Sector SPDR Fund	\$57M	\$54M	(\$508M)	(\$399M)	\$14,251M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$54M	\$267M	\$1,465M	\$2,073M	\$19,680M

U.S. Sector & Industry Flow Laggards

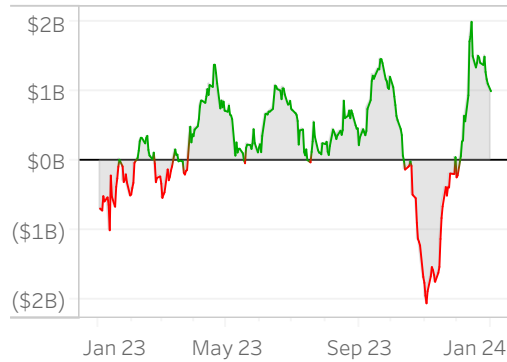
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLI	Industrial Select Sector SPDR Fund	(\$331M)	(\$715M)	(\$293M)	(\$24M)	\$15,434M
XBI	SPDR S&P BIOTECH ETF	(\$243M)	\$210M	(\$63M)	(\$1,620M)	\$7,113M
SOXX	iShares Semiconductor ETF	(\$174M)	\$4M	\$187M	\$405M	\$10,360M
XLV	Health Care Select Sector SPDR Fund	(\$156M)	(\$2,160M)	(\$4,216M)	(\$4,331M)	\$37,633M
ITB	iShares U.S. Home Construction ETF	(\$107M)	(\$39M)	(\$332M)	\$85M	\$2,431M
IYR	iShares U.S. Real Estate ETF	(\$69M)	\$1,422M	\$1,415M	\$327M	\$4,572M
IBB	iShares Biotechnology ETF	(\$28M)	(\$231M)	(\$623M)	(\$1,472M)	\$7,519M
IYT	iShares US Transportation ETF	(\$26M)	(\$83M)	(\$92M)	\$34M	\$901M
MLPA	Global X MLP ETF	(\$26M)	\$31M	\$20M	\$8M	\$1,420M
KIE	SPDR S&P Insurance ETF	(\$25M)	\$81M	\$176M	\$146M	\$709M

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

Communication Services



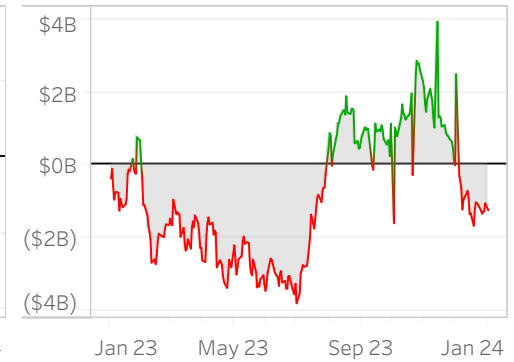
Consumer Discretionary



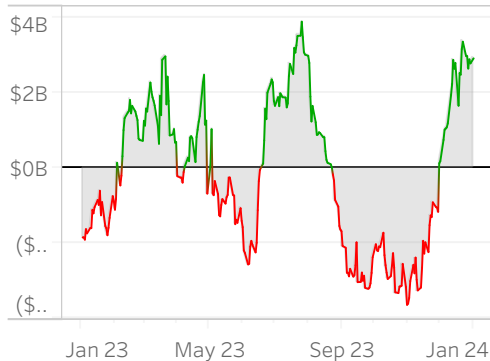
Consumer Staples



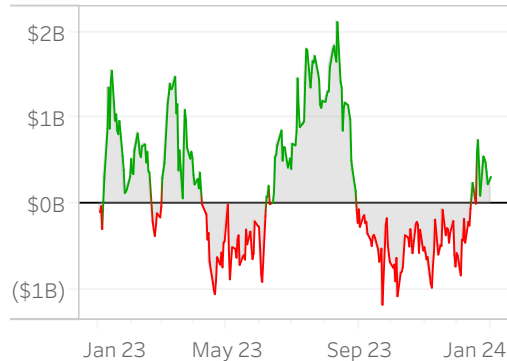
Energy



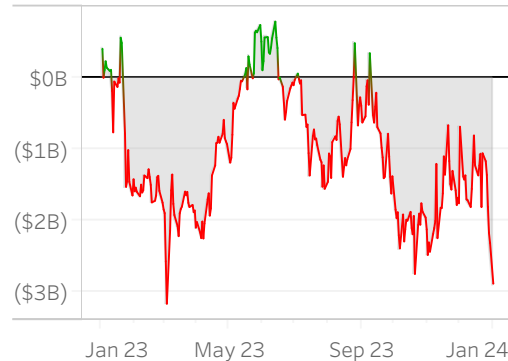
Financials



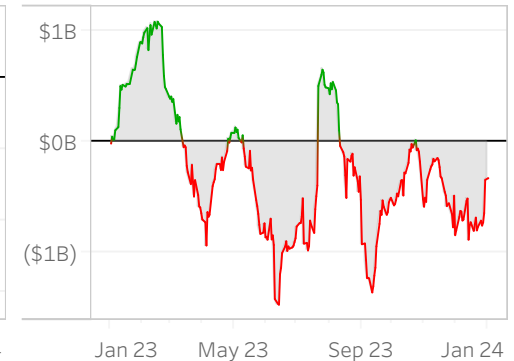
Industrial



Health Care



Materials



Real Estate



Technology



Utilities

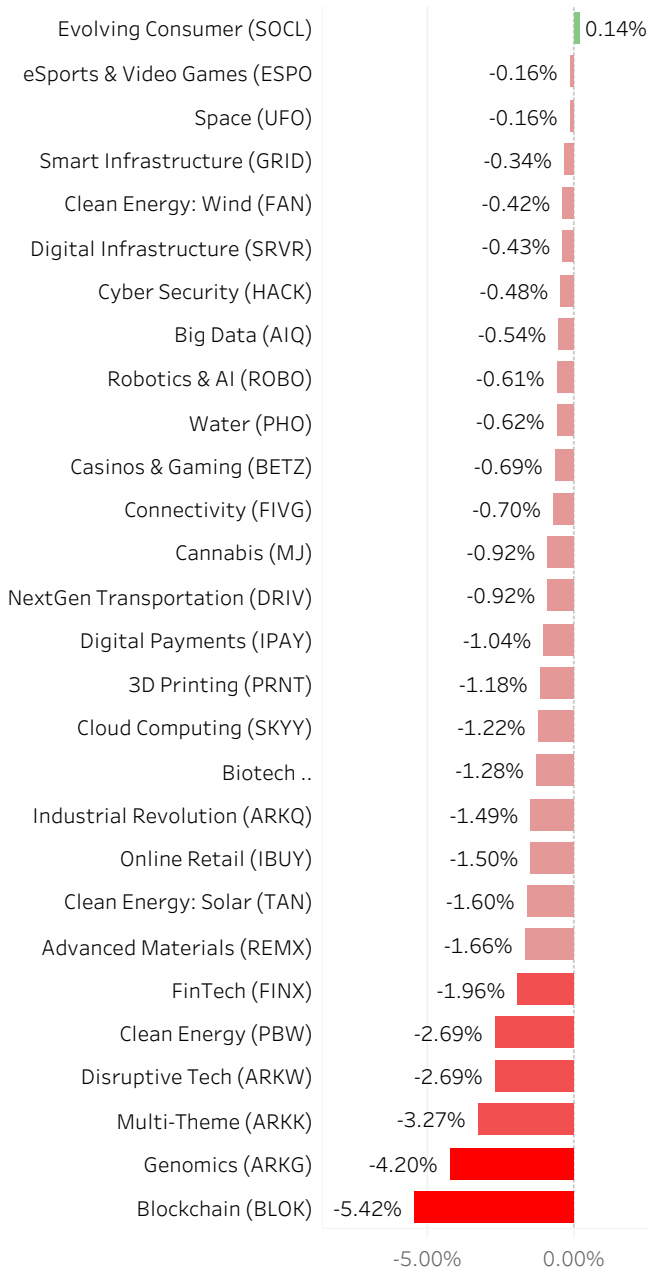


Multi-Sector

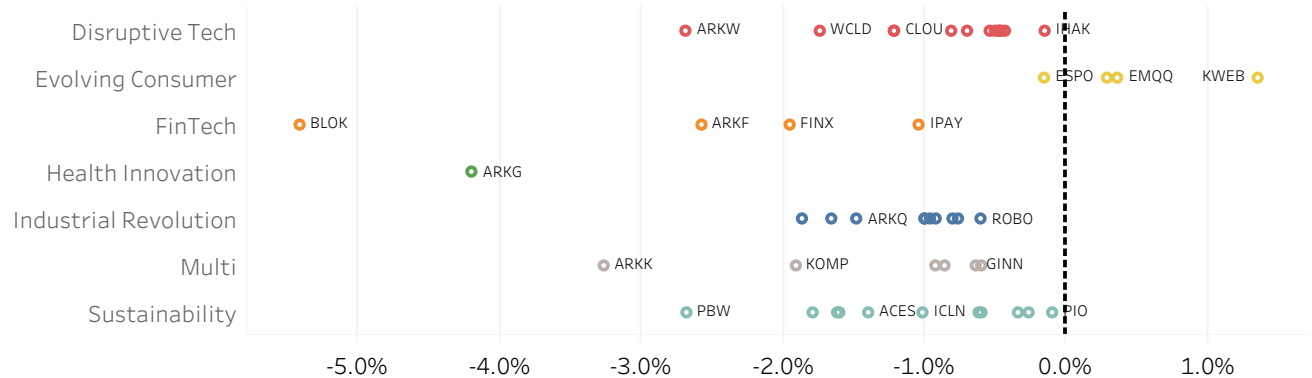


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
KWEB	KraneShares CSI China Internet ETF	1.35%
MJUS	ETFMG U.S. Alternative Harvest ETF	1.17%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	0.37%
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	0.36%
KGRN	KraneShares MSCI China Clean Technology Index ETF	0.32%
MSOS	AdvisorShares Pure US Cannabis ETF	0.29%
SOCL	Global X Social Media ETF	0.14%
GBUY	Goldman Sachs Future Consumer Equity ETF	0.08%
SAMT	Strategas Macro Thematic Opportunities ETF	-0.01%
EBIZ	Global X E-Commerce ETF	-0.05%

Thematic Most Overbought

Ticker	Fund	Price
PIO	Invesco Global Water ETF	79.02
PAWZ	ProShares Pet Care ETF	74.44
IHAK	iShares Cybersecurity & Tech ETF	74.33
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	73.77
ROBO	ROBO Global Robotics & Automation Index ETF	73.28
DTEC	ALPS Disruptive Technologies ETF	72.59
PHO	Invesco Water Resources ETF	72.31
SBIO	ALPS Medical Breakthroughs ETF	72.04
IZRL	ARK Israel Innovative Technology ETF	71.65
FAN	First Trust Global Wind Energy ETF	71.63

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
WGMI	Valkyrie Bitcoin Miners ETF	-14.24%
DAPP	VanEck Digital Transformation ETF	-12.81%
BKCH	Global X Blockchain ETF	-12.11%
FDIG	Fidelity Crypto Industry and Digital Payments ETF	-11.74%
BITQ	Bitwise Crypto Industry Innovators ETF	-10.91%
BLOK	Amplify Transformational Data Sharing ETF	-5.42%
ARKG	ARK Genomic Revolution ETF	-4.20%
ARKK	ARK Innovation ETF	-3.27%
ARKW	ARK Next Generation Internet ETF	-2.69%
PBW	Invesco WilderHill Clean Energy ETF	-2.69%

Thematic Most Oversold

Ticker	Fund	Price
SAMT	Strategas Macro Thematic Opportunities ETF	46.24
KWEB	KraneShares CSI China Internet ETF	51.65
BATT	Amplify Lithium & Battery Technology ETF	51.96
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	52.57
HERO	Global X Video Games & Esports ETF	53.07
MJ	ETFMG Alternative Harvest ETF	53.61
MJUS	ETFMG U.S. Alternative Harvest ETF	54.17
MSOS	AdvisorShares Pure US Cannabis ETF	55.28
KGRN	KraneShares MSCI China Clean Technology Index ETF	55.51
PBW	Invesco WilderHill Clean Energy ETF	56.48

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

Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
ARKG	ARK Genomic Revolution ETF	\$141M
BLOK	Amplify Transformational Data Sharing ETF	\$63M
TAN	Invesco Solar ETF	\$52M
ARKK	ARK Innovation ETF	\$41M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$19M
ICLN	iShares Global Clean Energy ETF	\$17M
ARKF	ARK Fintech Innovation ETF	\$16M
WGMI	Valkyrie Bitcoin Miners ETF	\$14M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$14M
MSOS	AdvisorShares Pure US Cannabis ETF	\$8M

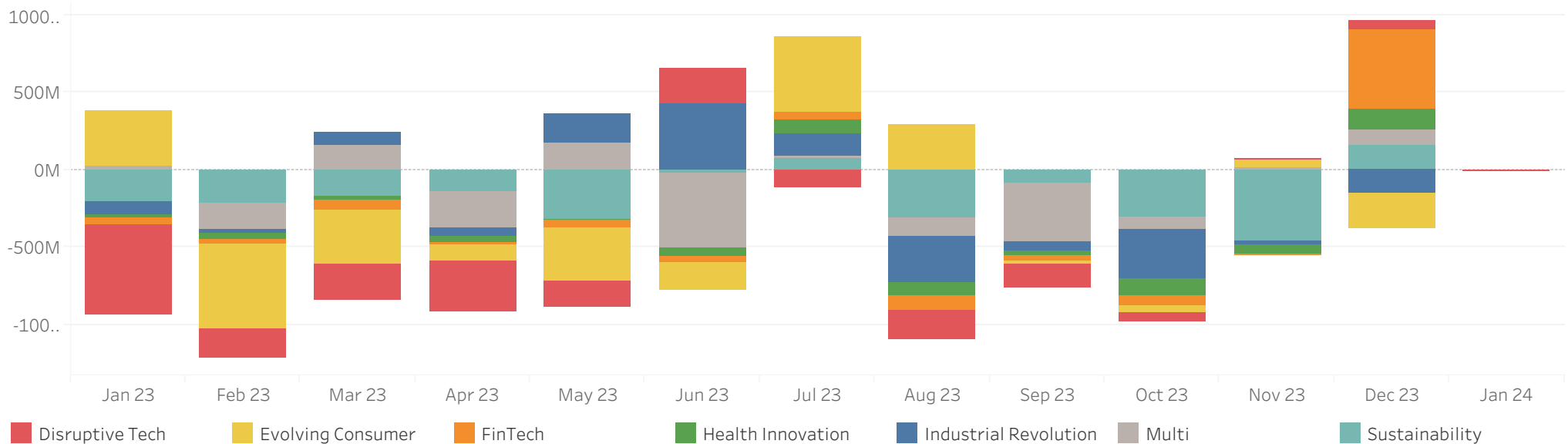
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
KWEB	KraneShares CSI China Internet ETF	(\$52M)
LIT	Global X Lithium & Battery Tech ETF	(\$20M)
WCLD	WisdomTree Cloud Computing Fund	(\$12M)
FIVG	Defiance Next Gen Connectivity ETF	(\$7M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$6M)
IZRL	ARK Israel Innovative Technology ETF	(\$5M)
BATT	Amplify Lithium & Battery Technology ETF	(\$5M)
SKYY	First Trust Cloud Computing ETF	(\$4M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$3M)
WFH	Direxion Work From Home ETF	(\$3M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$19B	(\$56M)	\$11M	(\$439M)	(\$1,720M)
Evolving Consumer	37	\$8B	(\$4M)	(\$224M)	\$532M	(\$641M)
FinTech	17	\$4B	\$39M	\$440M	\$350M	\$115M
Health Innovation	17	\$3B	\$136M	(\$31M)	(\$38M)	(\$246M)
Industrial Revolution	30	\$11B	\$3M	(\$493M)	(\$724M)	(\$205M)
Multi	35	\$17B	\$85M	\$92M	(\$457M)	(\$988M)
Sustainability	40	\$14B	\$59M	(\$588M)	(\$933M)	(\$2,004M)
Grand Total	209	\$76B	\$261M	(\$793M)	(\$1,709M)	(\$5,688M)

Thematic Monthly Flows

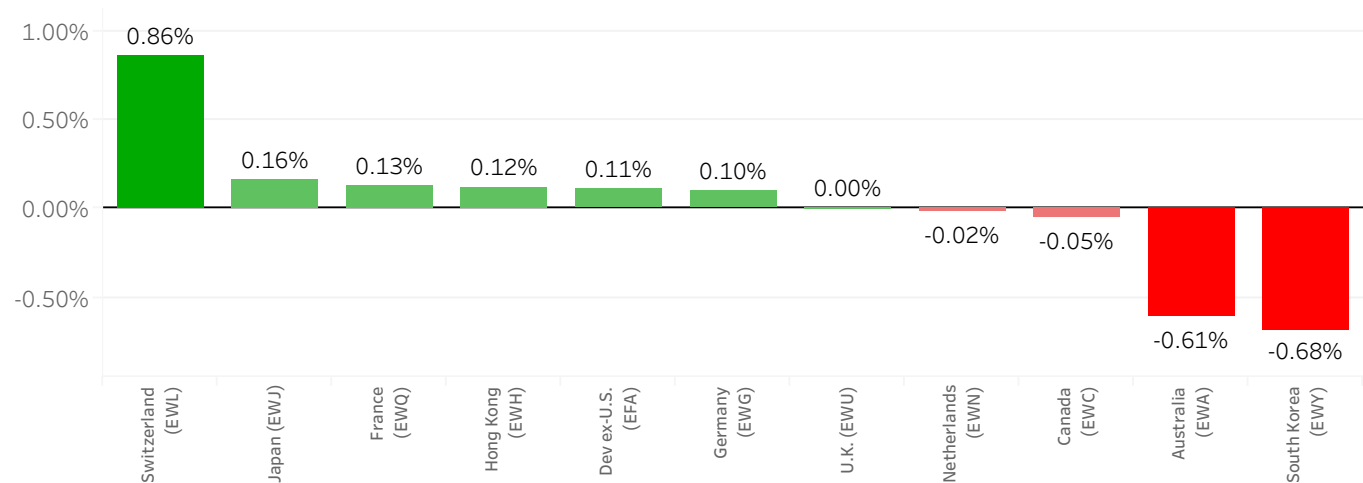


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

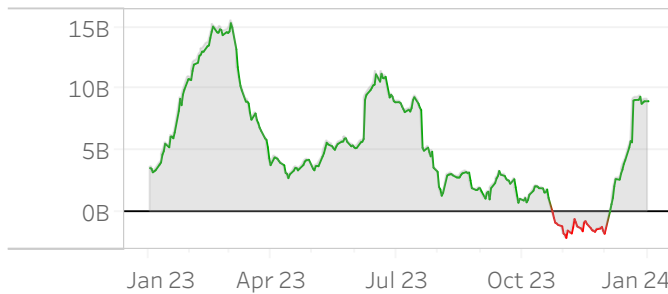
Developed ex-U.S. (EFA)



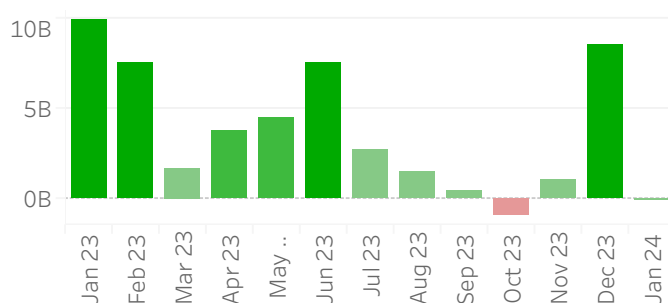
Developed ex-U.S. 1-Day Performance Top 10 Countries



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



Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EWS	iShares MSCI Singapore ETF	0.97%
NORW	Global X MSCI Norway ETF	0.93%
EWL	iShares MSCI Switzerland ETF	0.86%
FSZ	First Trust Switzerland AlphaDEX Fund	0.70%
EWJV	iShares MSCI Japan Value ETF	0.52%
DFJ	WisdomTree Japan SmallCap Dividend Fund	0.51%
EFAV	iShares MSCI EAFE Min Vol Factor ETF	0.46%
IMOM	Alpha Architect International Quantitative Momentum ETF	0.46%
ISVL	iShares International Developed Small Cap Value Factor ETF	0.38%
FIDI	Fidelity International High Dividend ETF	0.34%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
FICS	First Trust International Developed Capital Strength ETF	76.53
EWL	iShares MSCI Switzerland ETF	73.81
DDLS	WisdomTree Dynamic Currency Hedged International Sma..	73.61
FSZ	First Trust Switzerland AlphaDEX Fund	73.58
TPIF	Timothy Plan International ETF	73.11
DFIS	Dimensional International Small Cap ETF	72.74
CIL	VictoryShares International Volatility Wtd ETF	72.72
DLS	WisdomTree International SmallCap Dividend Fund	72.46
IQDG	WisdomTree International Quality Dividend Growth Fund	72.28
BKIE	BNY Mellon International Equity ETF	71.49

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

Ticker	Fund	1-Day Performance
FLKR	Franklin FTSE South Korea ETF	-1.13%
IQSI	IQ Candriam International Equity ETF	-0.93%
EWD	iShares MSCI Sweden ETF	-0.70%
EWY	iShares MSCI South Korea ETF	-0.68%
EWA	iShares MSCI Australia ETF	-0.61%
IDHQ	Invesco S&P International Developed High Quality ETF	-0.45%
ISRA	VanEck Israel ETF	-0.41%
EIRL	iShares MSCI Ireland ETF	-0.36%
DMXF	iShares ESG Advanced MSCI EAFE ETF	-0.34%
BBAX	JPMorgan BetaBuilders Developed Asia Pacific-ex Japan E..	-0.34%

Developed ex-U.S. Most Oversold

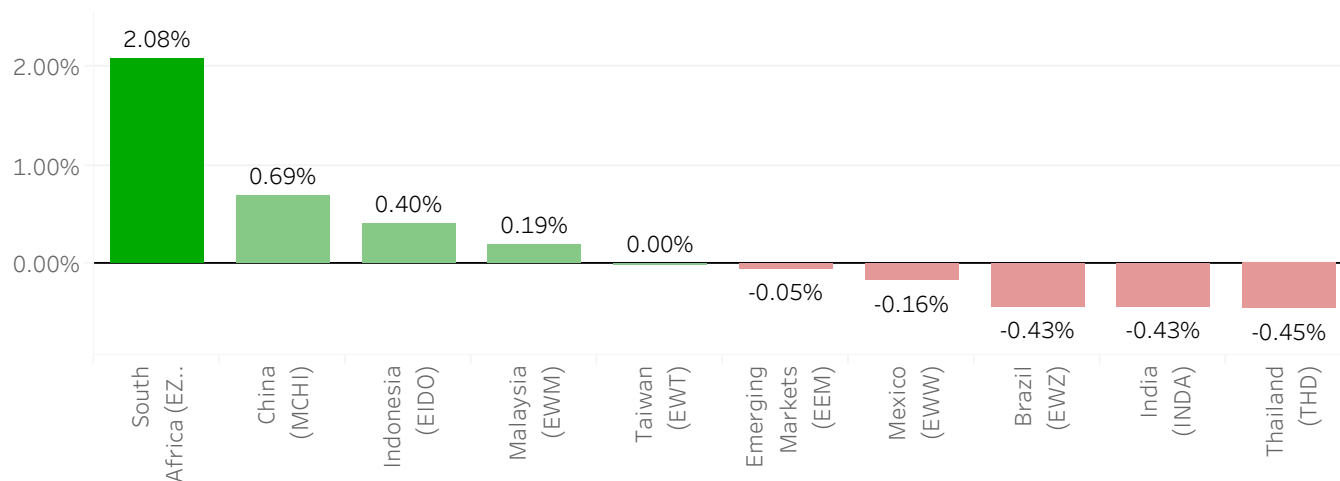
Ticker	Fund	Price
DXJ	WisdomTree Japan Hedged Equity Fund	45.21
HEWJ	iShares Currency Hedged MSCI Japan ETF	48.59
GREK	Global X MSCI Greece ETF	49.08
LVHI	Franklin International Low Volatility High Dividend I..	51.41
FJP	First Trust Japan AlphaDEX Fund	52.17
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	53.57
EWJV	iShares MSCI Japan Value ETF	54.83
EWSP	iShares MSCI Spain ETF	55.58
EWU	iShares MSCI United Kingdom ETF	56.15
BBJP	JPMorgan BetaBuilders Japan ETF	56.42

*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)



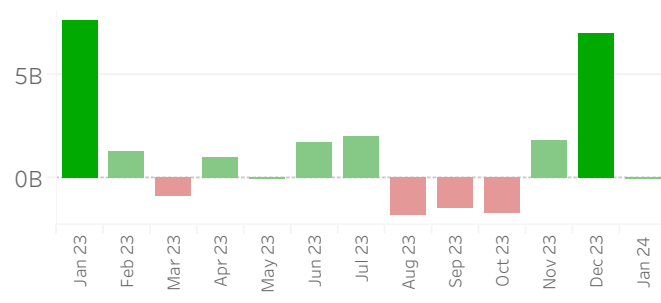
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
EZA	iShares MSCI South Africa ETF	2.08%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	1.29%
PGJ	Invesco Golden Dragon China ETF	1.13%
ECNS	iShares MSCI China Small-Cap ETF	1.09%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	0.79%
GXC	SPDR S&P China ETF	0.72%
MCHI	iShares MSCI China ETF	0.69%
EDIV	SPDR S&P Emerging Markets Dividend ETF	0.65%
ECOW	Pacer Emerging Markets Cash Cows 100 ETF	0.65%
FXI	iShares China Large-Cap ETF	0.63%

Emerging Most Overbought

Ticker	Fund	Price
QAT	iShares MSCI Qatar ETF	72.57
ECOW	Pacer Emerging Markets Cash Cows 100 ETF	70.79
EDIV	SPDR S&P Emerging Markets Dividend ETF	70.76
KSA	iShares MSCI Saudi Arabia ETF	70.61
EYLD	Cambria Emerging Shareholder Yield ETF	70.48
XCEN	Columbia EM Core ex-China ETF	70.37
EPD	iShares MSCI Peru and Global Exposure ETF	69.95
FLN	First Trust Latin America AlphaDEX Fund	69.71
MFEM	PIMCO RAFI Dynamic Multi-Factor Emerging Markets..	69.49
UEVM	VictoryShares Emerging Markets Value Momentum E..	69.46

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
EPOL	iShares MSCI Poland ETF	-1.05%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	-0.95%
KEMX	KraneShares MSCI Emerging Markets EX China Index ETF	-0.66%
EPI	WisdomTree India Earnings Fund	-0.63%
INDY	iShares India 50 ETF	-0.59%
FLBR	Franklin FTSE Brazil ETF	-0.58%
MEM	Matthews Emerging Markets Equity Active ETF	-0.57%
PIN	Invesco India ETF	-0.51%
GLIN	VanEck India Growth Leaders ETF	-0.50%
EPD	iShares MSCI Peru and Global Exposure ETF	-0.46%

Emerging Most Oversold

Ticker	Fund	Price
TUR	iShares MSCI Turkey ETF	37.59
CNYA	iShares MSCI China A ETF	44.31
EWI	iShares MSCI Taiwan ETF	44.32
VNM	VanEck Vietnam ETF	47.77
FXI	iShares China Large-Cap ETF	48.16
MCHI	iShares MSCI China ETF	48.22
ECNS	iShares MSCI China Small-Cap ETF	48.45
FLCH	Franklin FTSE China ETF	49.19
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	50.33
GXC	SPDR S&P China ETF	50.58

*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	-0.19%	3.35%	5.65%
SHY	1-3 Year Treasury Bonds	0.05%	1.04%	4.16%
IEF	7-10 Year Treasury Bonds	-0.25%	3.26%	3.64%
TLT	20+ Year Treasury Bonds	-0.90%	7.41%	2.77%
TIP	TIPS Bonds	-0.12%	2.25%	3.81%
FLOT	Floating Rate Bonds	0.06%	0.56%	6.43%
LQD	Investment Grade Corporate	-0.37%	4.32%	9.40%
HYG	High Yield Corporate	-0.39%	3.00%	11.53%
BKLN	Senior Loan	0.00%	2.15%	12.53%
PFF	Preferred & Income Securities	-0.38%	3.41%	9.20%
MUB	Municipal Bonds	-0.07%	2.13%	5.56%
MBB	MBS	-0.12%	3.87%	5.01%
EMB	Dollar Denominated EM Bonds	-0.41%	3.80%	10.60%
LEMB	Local Currency EM Bond	-0.08%	2.77%	7.22%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.96%	-3.83%	-9.85%
DBE	Energy	-0.57%	-8.46%	-12.18%
USO	WTI Crude Oil	-0.79%	-8.09%	-4.94%
BNO	Brent Crude Oil	-0.62%	-6.98%	-3.43%
UNG	Natural Gas	-1.36%	-7.99%	-64.04%
UGA	Gasoline	0.23%	-6.27%	1.27%
DBP	Precious Metals	-0.46%	-0.68%	8.67%
GLD	Gold	-0.16%	0.86%	12.69%
SLV	Silver	-0.95%	-4.81%	-1.09%
PPLT	abrdn Physical Platin..	-1.43%	6.31%	-8.18%
PALL	abrdn Physical Palla..	-2.98%	6.57%	-38.77%
DBB	Base Metals	0.44%	5.29%	1.12%
CPER	Copper	-0.31%	1.88%	4.55%
DBA	Agriculture	-1.47%	-1.78%	7.63%
CORN	Corn	-0.74%	-0.74%	-19.90%
SOYB	Soybeans	-0.99%	-4.56%	-5.23%
WEAT	Wheat	-0.50%	5.66%	-25.19%
CANE	Sugar	-3.99%	-17.69%	30.06%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.18%	-0.90%	3.63%
UDN	Short Dollar	0.00%	1.85%	4.89%
FXE	Euro	-0.22%	0.80%	4.87%
FXB	British Pound Sterling	0.15%	0.71%	8.58%
FXF	Swiss Franc	0.35%	3.93%	9.63%
FXJ	Japanese Yen	0.26%	4.48%	-7.44%
FXC	Canadian Dollar	-0.16%	2.74%	4.35%
FXA	Australian Dollar	-0.24%	3.17%	1.20%

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