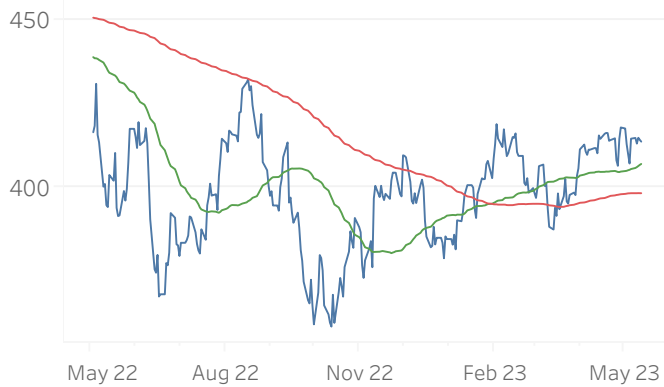


Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

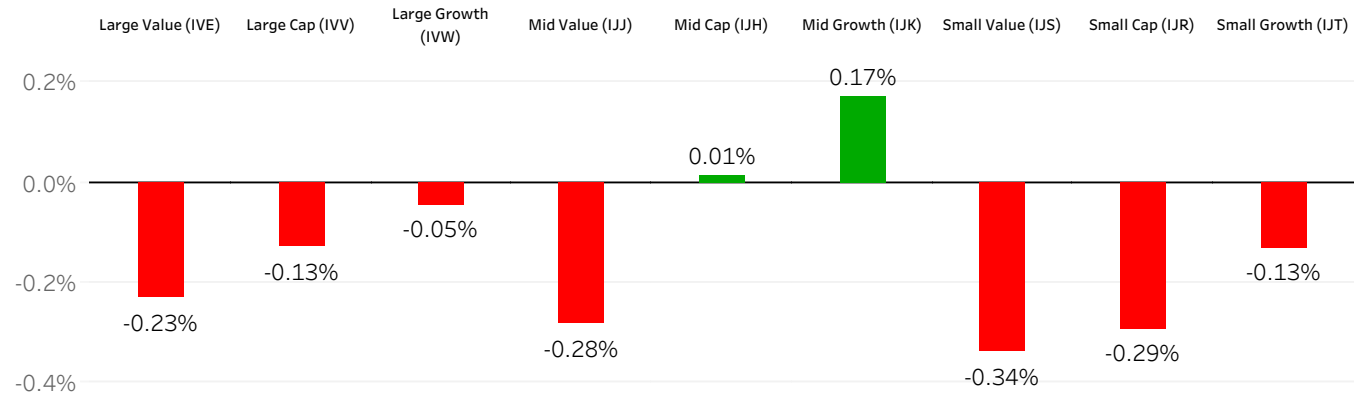


Small Cap Blend (S&P 600) IJR



■ 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
PWC	Invesco Dynamic Market ETF	1.48%
QMOM	MomentumShares US Quantitative Momentum ETF	0.94%
FTC	First Trust Large Cap Growth AlphaDEX Fund	0.50%
FDMO	Fidelity Momentum Factor ETF	0.46%
NUMG	Nuveen ESG Mid-Cap Growth ETF	0.39%
WBIY	WBI Power Factor High Dividend ETF	0.39%
QQQN	VictoryShares Nasdaq Next 50 ETF	0.38%
RFG	Invesco S&P Midcap 400 Pure Growth ETF	0.38%
FLQM	Franklin U.S. Mid Cap Multifactor Index ETF	0.38%
REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	0.36%

Size & Style Most Overbought

Ticker	Fund	Value
WINN	Harbor Long-Term Growers ETF	62.96
MGK	Vanguard Mega Cap Growth ETF	62.61
JEPQ	J.P. Morgan Nasdaq Equity Premium Income ETF	62.49
IWY	iShares Russell Top 200 Growth ETF	62.20
PTNQ	Pacer Trendpilot 100 ETF	61.72
TMFC	Motley Fool 100 Index ETF	61.64
SCHG	Schwab U.S. Large-Cap Growth ETF	61.56
SPC	CrossingBridge Pre-Merger SPAC ETF	61.14
QQQ	Invesco QQQ Trust	60.47
VONG	Vanguard Russell 1000 Growth ETF	60.44

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
IPO	Renaissance IPO ETF	-2.13%
AIEQ	AI Powered Equity ETF	-2.13%
BUZZ	VanEck Social Sentiment ETF	-1.37%
SQEW	LeaderShares Equity Skew ETF	-0.97%
DUSA	Davis Select U.S. Equity ETF	-0.82%
FPX	First Trust US Equity Opportunities ETF	-0.77%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	-0.73%
ISCG	iShares Morningstar Small-Cap Growth ETF	-0.67%
LCG	Sterling Capital Focus Equity ETF	-0.66%
FFTY	Innovator IBD 50 ETF	-0.56%

Size & Style Most Oversold

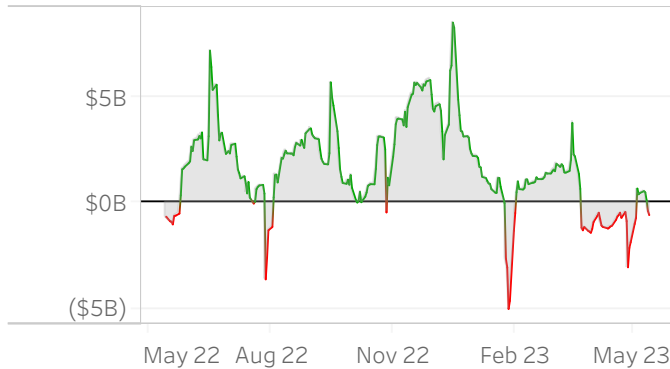
Ticker	Fund	Value
RDIV	Invesco S&P Ultra Dividend Revenue ETF	31.31
XSLV	Invesco S&P SmallCap Low Volatility ETF	32.04
CDC	VictoryShares US EQ Income Enhanced Volatility Wt..	33.56
CSB	VictoryShares US Small Cap High Dividend Volatility ..	34.31
DHS	WisdomTree U.S. High Dividend Fund	34.62
FCTR	First Trust Lunt U.S. Factor Rotation ETF	34.89
DIV	Global X SuperDividend US ETF	34.90
FDL	First Trust Morningstar Dividend Leaders Index Fund	34.97
PEY	Invesco High Yield Equity Dividend Achievers ETF	35.04
SIXS	ETC 6 Meridian Small Cap Equity ETF	35.29

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

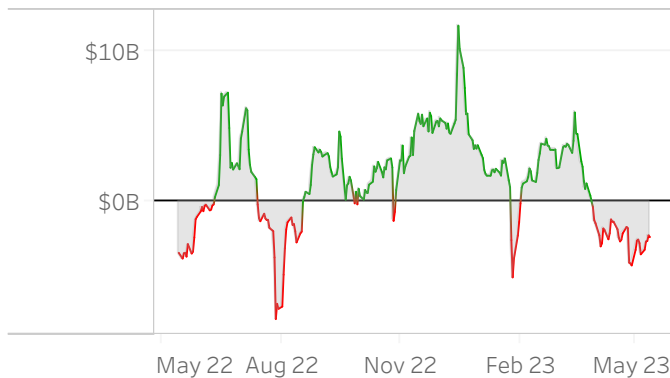
Large-Cap 30-Day Rolling Flows



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	\$1,295B	(\$1.20B)	\$8.76B	(\$16.39B)	\$66.71B
Large Cap, Beta, Beta: Growth	10	\$250B	(\$0.17B)	\$2.81B	\$5.76B	\$20.11B
Large Cap, Beta, Beta: Value	11	\$215B	(\$0.49B)	(\$5.42B)	(\$5.23B)	\$1.69B
Mid Cap, Beta, Beta	10	\$179B	(\$0.63B)	(\$0.98B)	\$2.42B	\$8.81B
Mid Cap, Beta, Beta: Growth	6	\$33B	(\$0.03B)	\$0.32B	(\$0.09B)	\$1.33B
Mid Cap, Beta, Beta: Value	6	\$38B	(\$0.09B)	(\$1.01B)	(\$0.54B)	\$1.11B
Small Cap, Beta, Beta	13	\$181B	(\$0.06B)	(\$4.02B)	(\$2.13B)	\$0.51B
Small Cap, Beta, Beta: Growth	7	\$31B	\$0.00B	(\$0.24B)	\$0.11B	\$1.03B
Small Cap, Beta, Beta: Value	7	\$46B	(\$0.06B)	(\$1.18B)	(\$0.26B)	\$0.56B

U.S. Size & Style Flow Leaders

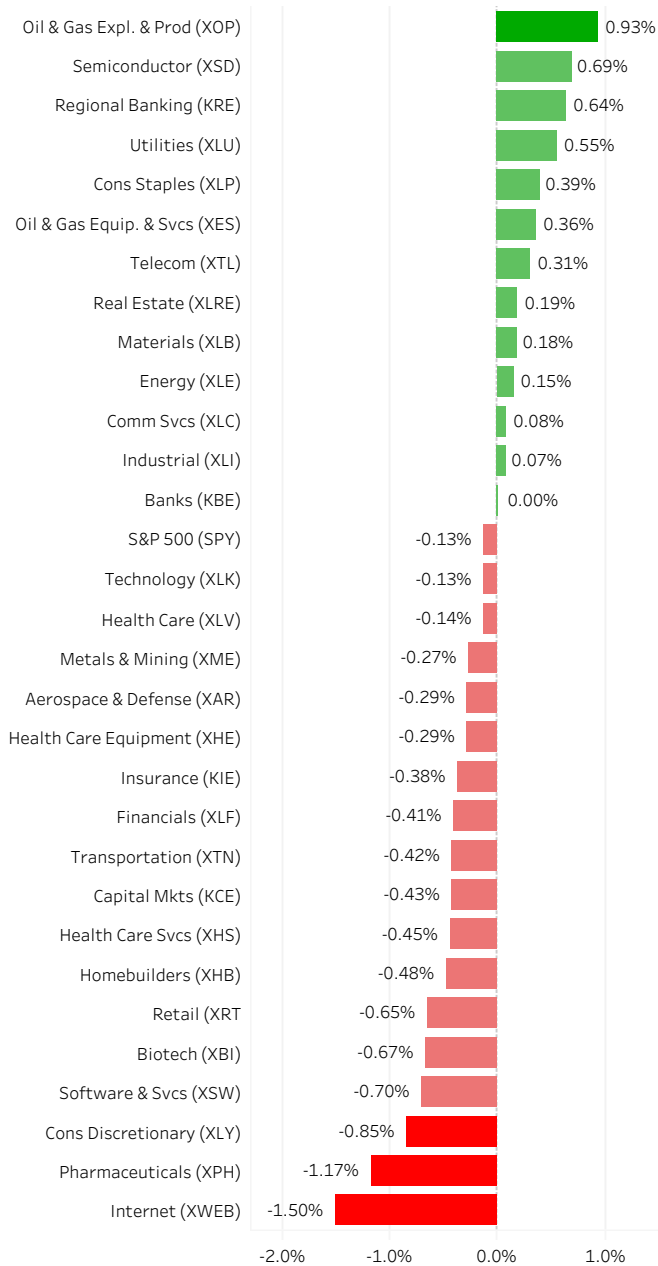
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$2.17B	\$2.50B	(\$12.24B)	\$8.15B	\$381.32B
VTI	Vanguard Total Stock Market ETF	\$1.15B	\$2.87B	\$7.71B	\$20.40B	\$284.60B
IWM	iShares Russell 2000 ETF	\$0.30B	(\$3.58B)	(\$5.04B)	(\$4.62B)	\$47.13B
QUAL	iShares MSCI USA Quality Factor ETF	\$0.17B	\$9.04B	\$8.68B	\$6.78B	\$28.53B
OMFL	Invesco Russell 1000 Dynamic Multifactor ETF	\$0.13B	\$1.12B	\$1.29B	\$1.54B	\$3.68B
QQQM	Invesco NASDAQ 100 ETF	\$0.13B	\$1.64B	\$2.97B	\$5.03B	\$9.65B
LGLV	SPDR SSGA US Large Cap Low Volatility Index ..	\$0.11B	\$0.14B	\$0.17B	\$0.14B	\$0.81B
VIG	Vanguard Dividend Appreciation ETF	\$0.10B	\$0.49B	\$0.35B	\$1.59B	\$66.06B
JEPQ	J.P. Morgan Nasdaq Equity Premium Income ..	\$0.08B	\$0.91B	\$1.72B	\$2.45B	\$2.59B
MDY	SPDR S&P Midcap 400 ETF Trust	\$0.08B	(\$0.04B)	\$0.10B	\$0.25B	\$18.28B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	(\$1.69B)	\$2.08B	(\$7.13B)	(\$0.83B)	\$175.84B
IVV	iShares Core S&P 500 ETF	(\$1.63B)	(\$3.67B)	(\$6.69B)	\$14.20B	\$307.37B
RSP	Invesco S&P 500 Equal Weight ETF	(\$0.55B)	(\$2.30B)	(\$0.39B)	\$1.94B	\$32.08B
IJH	iShares Core S&P Mid-Cap ETF	(\$0.41B)	\$0.21B	\$1.61B	\$4.71B	\$64.29B
IJR	iShares Core S&P Small Cap ETF	(\$0.36B)	(\$0.76B)	\$0.34B	\$2.30B	\$62.92B
VTV	Vanguard Value ETF	(\$0.29B)	(\$0.79B)	(\$0.70B)	\$3.19B	\$99.37B
VYM	Vanguard High Dividend Yield Index ETF	(\$0.27B)	\$0.01B	(\$0.11B)	\$4.92B	\$47.46B
VO	Vanguard Mid-Cap ETF	(\$0.26B)	(\$0.97B)	(\$0.04B)	\$1.84B	\$49.81B
RPV	Invesco S&P 500 Pure Value ETF	(\$0.24B)	(\$1.00B)	(\$0.99B)	(\$1.10B)	\$2.23B
VUG	Vanguard Growth ETF	(\$0.13B)	\$0.21B	\$2.21B	\$7.20B	\$82.82B

* 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	-0.49%	15.97%	3.13%	4.85%	60.80
XLK	Technology Select Sector SPDR Fund	-0.58%	29.50%	2.99%	11.32%	56.71
XLC	Communication Services Select Sector SPDR Fund	-2.02%	31.49%	4.41%	12.30%	59.29
SPY	SPDR S&P 500 ETF Trust	-4.21%	15.43%	1.67%	3.93%	52.85
XLI	Industrial Select Sector SPDR Fund	-5.01%	18.88%	-0.79%	1.28%	45.56
XLV	Health Care Select Sector SPDR Fund	-5.65%	10.26%	1.12%	0.77%	47.76
XLB	Materials Select Sector SPDR Fund	-11.37%	16.01%	-1.55%	-0.41%	41.48
XLU	Utilities Select Sector SPDR Fund	-11.64%	12.21%	1.72%	-0.67%	52.69
XLF	Financial Select Sector SPDR Fund	-13.78%	5.32%	-1.57%	-5.80%	42.20
XLY	Consumer Discretionary Select Sector SPDR Fund	-14.53%	17.08%	1.99%	1.45%	54.10
XLE	Energy Select Sector SPDR Fund	-16.54%	16.34%	-4.98%	-6.84%	35.95
XLRE	Real Estate Select Sector SPDR Fund	-18.91%	9.83%	0.57%	-3.42%	49.89

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
AIRR	First Trust RBA American Industrial Renaissance E..	1.38%
FXN	First Trust Energy AlphaDEX Fund	1.10%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	0.93%
FCG	First Trust Natural Gas ETF	0.88%
PTF	Invesco DWA Technology Momentum ETF	0.78%
MLPA	Global X MLP ETF	0.77%
FBT	First Trust NYSE Arca Biotechnology Index Fund	0.74%
PXE	Invesco Dynamic Energy Exploration & Production ..	0.73%
TPYP	Tortoise North American Pipeline Fund	0.70%
XSD	SPDR S&P Semiconductor ETF	0.69%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
PBJ	Invesco Dynamic Food & Beverage ETF	63.10
ITB	iShares U.S. Home Construction ETF	62.35
PKB	Invesco Dynamic Building & Construction ETF	61.52
IYK	iShares U.S. Consumer Staples ETF	61.34
IYW	iShares U.S. Technology ETF	61.08
VDC	Vanguard Consumer Staples ETF	60.92
XLP	Consumer Staples Select Sector SPDR Fund	60.80
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER STAPLES..	60.54
IGM	iShares Expanded Tech Sector ETF	60.36
XBI	SPDR S&P BIOTECH ETF	60.06

Sector & Industry 1 Day Performance Laggards

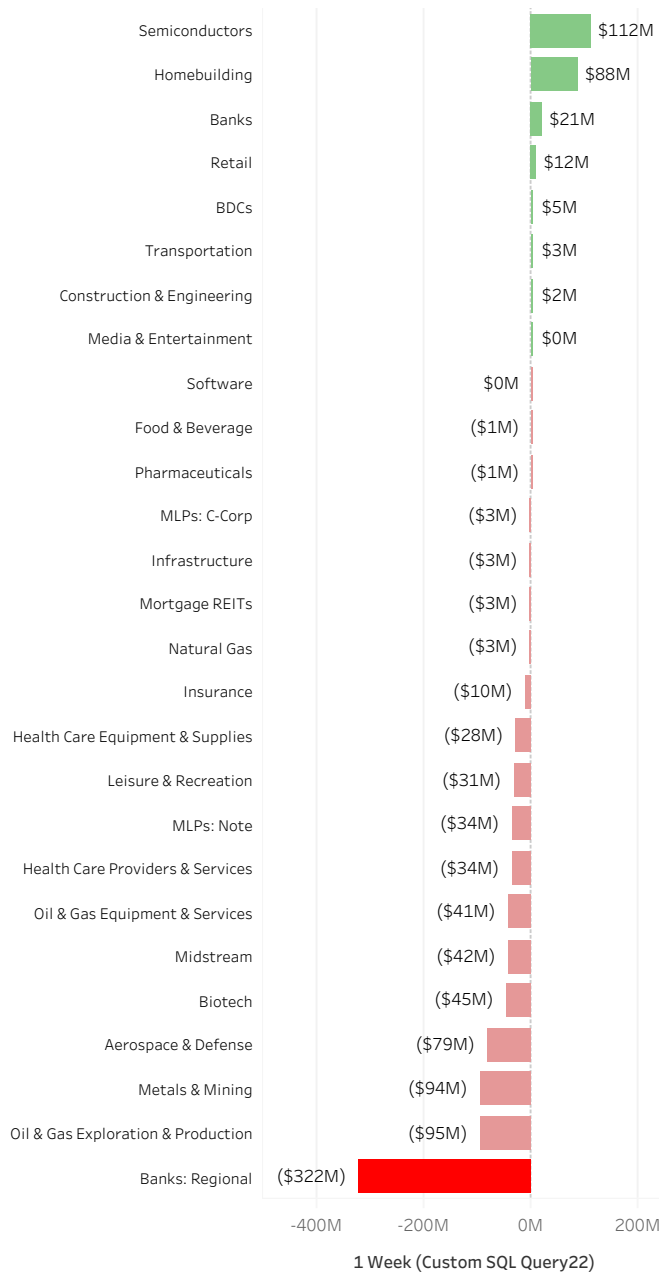
Ticker	Fund	1 Day Performance
PBE	Invesco Dynamic Biotechnology & Genome ETF	-1.41%
PNQI	Invesco NASDAQ Internet ETF	-1.35%
XPH	SPDR S&P Pharmaceuticals ETF	-1.17%
KBWY	Invesco KBW Premium Yield Equity REIT ETF	-1.13%
XLY	Consumer Discretionary Select Sector SPDR Fund	-0.85%
VCR	Vanguard Consumer Discretionary ETF	-0.83%
FDN	First Trust Dow Jones Internet Index Fund	-0.80%
KBWD	Invesco KBW High Dividend Yield Financial ETF	-0.78%
XNTK	SPDR NYSE Technology ETF	-0.78%
FDIS	Fidelity MSCI Consumer Discretionary Index ETF	-0.77%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
QABA	First Trust NASDAQ ABA Community Bank Index Fund	28.55
XTL	SPDR S&P Telecom ETF	28.61
KBWB	Invesco KBW Bank ETF	32.39
KRE	SPDR S&P Regional Banking ETF	32.40
KBE	SPDR S&P Bank ETF	33.57
IAT	iShares U.S. Regional Banks ETF	33.76
XME	SPDR S&P Metals & Mining ETF	34.50
FTXO	First Trust Nasdaq Bank ETF	34.63
IEZ	iShares U.S. Oil Equipment & Services ETF	35.25
PSCE	Invesco S&P SmallCap Energy ETF	35.80

* 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	\$15B	\$149M	\$1,490M	\$1,348M	\$1,795M
Consumer Discretionary	12	\$23B	(\$3M)	\$593M	\$83M	(\$1,064M)
Consumer Staples	10	\$32B	(\$17M)	\$1,853M	\$2,334M	\$4,185M
Energy	32	\$66B	(\$519M)	(\$4,731M)	(\$8,447M)	(\$9,548M)
Financials	26	\$51B	(\$1,121M)	(\$2,008M)	(\$2,049M)	(\$6,124M)
Health Care	23	\$92B	(\$142M)	(\$2,415M)	(\$3,029M)	\$2,274M
Industrial	13	\$30B	(\$288M)	(\$210M)	\$301M	(\$528M)
Materials	9	\$13B	(\$330M)	(\$849M)	\$166M	(\$2,606M)
Multi-Sector	19	\$14B	\$5M	\$425M	(\$272M)	(\$1,626M)
Real Estate	25	\$55B	(\$151M)	(\$3,044M)	(\$3,371M)	(\$6,315M)
Technology	23	\$132B	\$80M	\$377M	(\$914M)	\$1,111M
Utilities	9	\$26B	\$151M	\$308M	\$246M	\$1,977M

U.S. Sector & Industry Flow Leaders

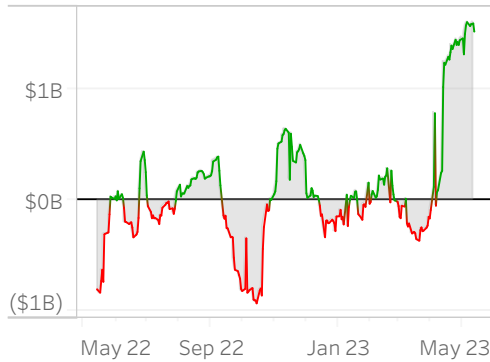
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
RYT	Invesco S&P 500 Equal Weight Technology ETF	\$265M	\$384M	\$629M	\$341M	\$2,712M
XLC	Communication Services Select Sector SPDR Fu..	\$194M	\$1,499M	\$1,369M	\$1,922M	\$11,572M
XLU	Utilities Select Sector SPDR Fund	\$155M	\$613M	\$428M	\$1,557M	\$16,381M
SOXX	iShares Semiconductor ETF	\$103M	\$301M	\$244M	(\$130M)	\$7,337M
XLV	Health Care Select Sector SPDR Fund	\$80M	(\$175M)	\$45M	\$2,715M	\$40,349M
ITB	iShares U.S. Home Construction ETF	\$49M	\$296M	\$315M	\$109M	\$1,929M
XHB	SPDR S&P Homebuilders ETF	\$39M	\$5M	(\$200M)	(\$250M)	\$974M
XLRE	Real Estate Select Sector SPDR Fund	\$32M	(\$545M)	(\$543M)	(\$442M)	\$4,392M
IYW	iShares U.S. Technology ETF	\$28M	\$739M	\$782M	\$2,542M	\$10,781M
RHS	Invesco S&P 500 Equal Weight Consumer Stapl..	\$26M	\$390M	\$448M	\$543M	\$1,156M

U.S. Sector & Industry Flow Laggards

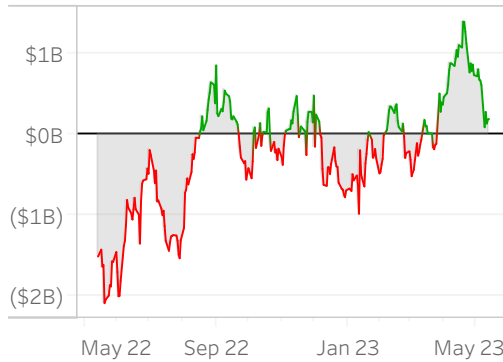
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	(\$678M)	(\$1,224M)	(\$811M)	(\$3,343M)	\$28,926M
KRE	SPDR S&P Regional Banking ETF	(\$324M)	\$1,460M	\$485M	\$203M	\$2,562M
XLK	Technology Select Sector SPDR Fund	(\$277M)	(\$1,459M)	(\$2,248M)	(\$1,536M)	\$43,318M
XLI	Industrial Select Sector SPDR Fund	(\$201M)	(\$743M)	(\$1,231M)	(\$1,491M)	\$12,783M
XLE	Energy Select Sector SPDR Fund	(\$186M)	(\$1,655M)	(\$2,935M)	(\$2,770M)	\$34,747M
XLB	Materials Select Sector SPDR Fund	(\$172M)	(\$278M)	\$119M	(\$1,024M)	\$5,443M
VHT	Vanguard Health Care ETF	(\$111M)	(\$79M)	(\$2M)	\$1,034M	\$17,006M
VNQ	Vanguard Real Estate ETF	(\$98M)	(\$1,151M)	(\$1,659M)	(\$3,421M)	\$31,988M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$95M)	(\$295M)	(\$1,075M)	(\$1,216M)	\$3,130M
XME	SPDR S&P Metals & Mining ETF	(\$94M)	(\$430M)	(\$86M)	(\$521M)	\$1,762M

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

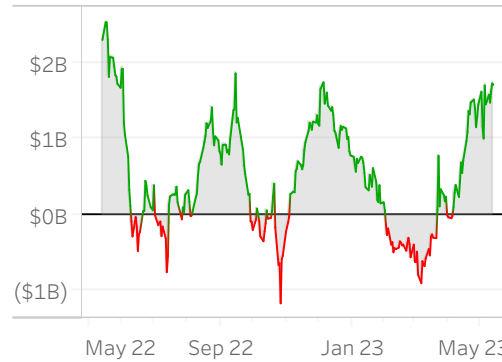
Communication Services



Consumer Discretionary



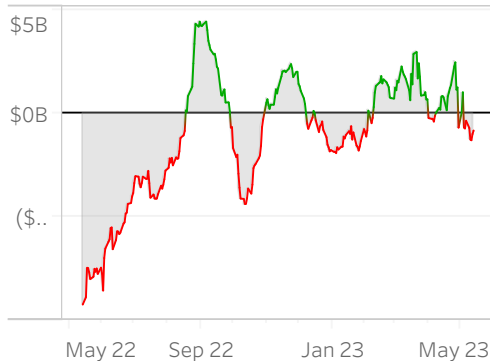
Consumer Staples



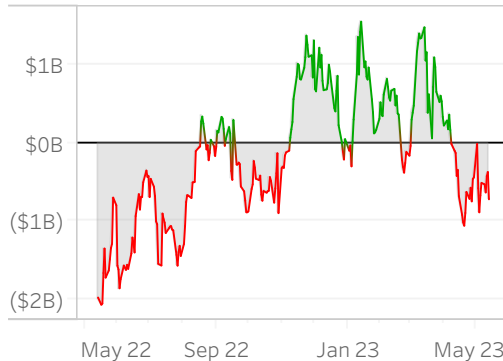
Energy



Financials



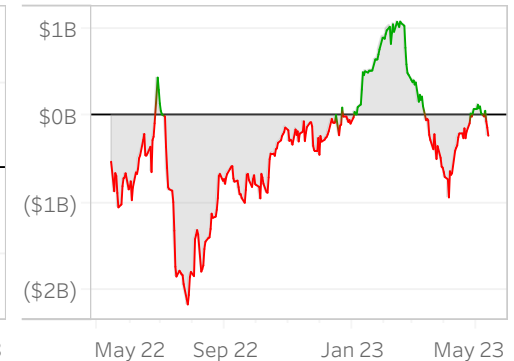
Industrial



Health Care



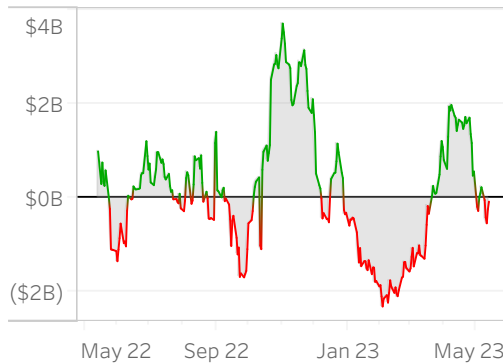
Materials



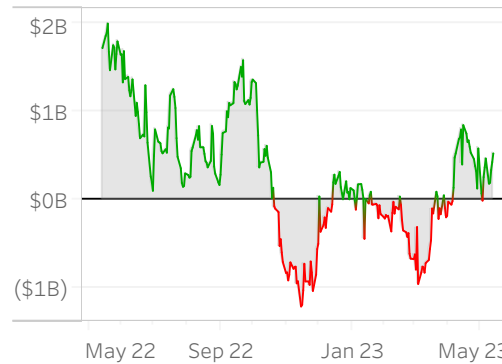
Real Estate



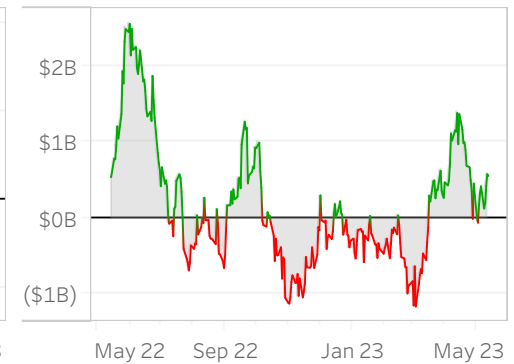
Technology



Utilities

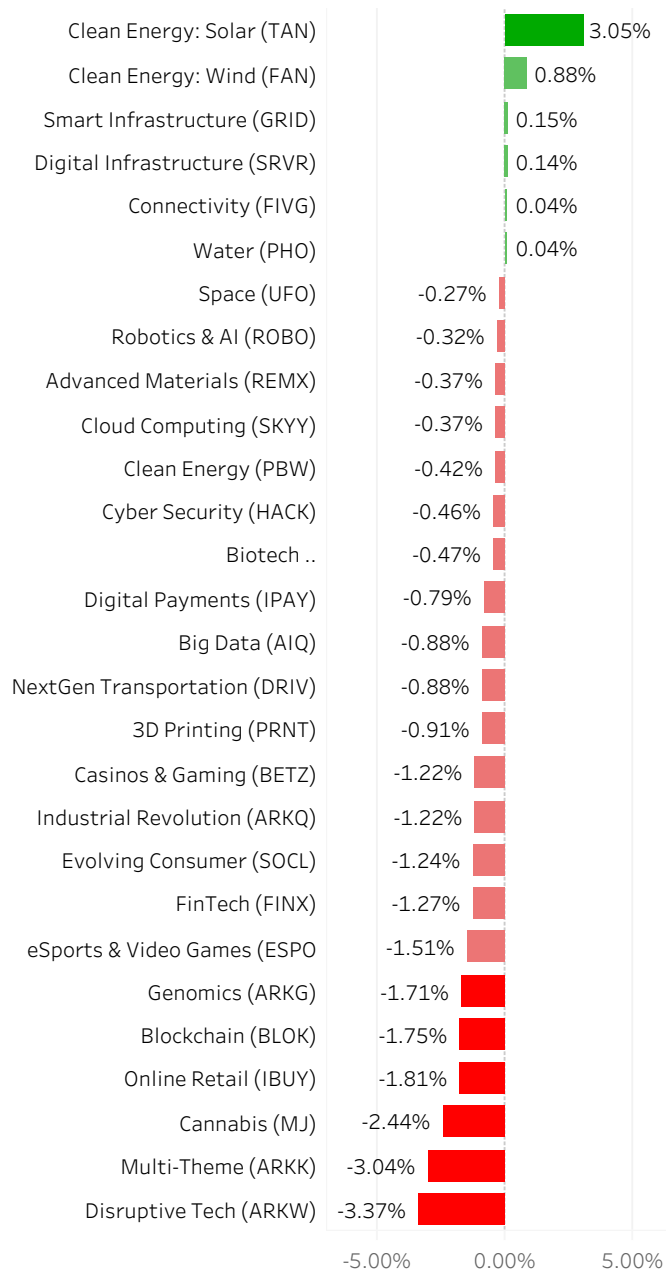


Multi-Sector

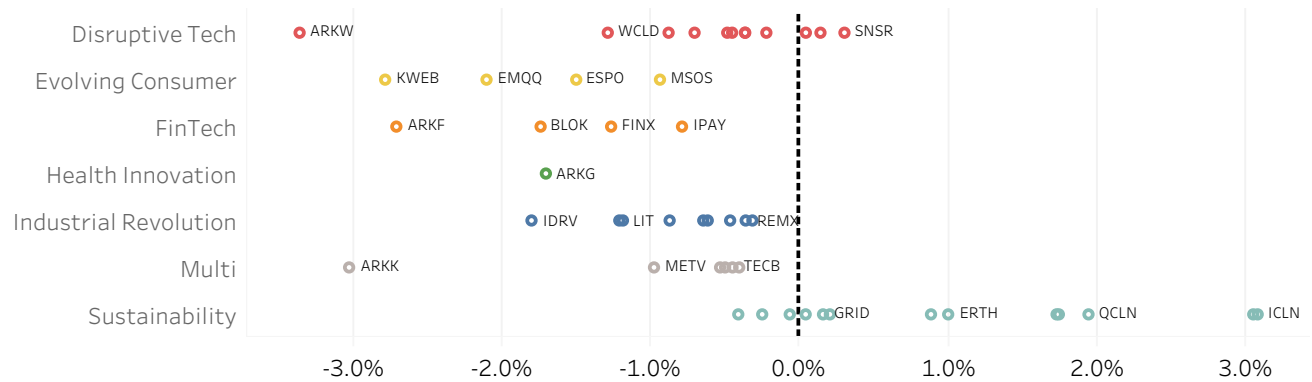


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
ICLN	iShares Global Clean Energy ETF	3.08%
TAN	Invesco Solar ETF	3.05%
CTEC	Global X CleanTech ETF	2.05%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	1.94%
ACES	ALPS Clean Energy ETF	1.74%
CNRG	SPDR S&P Kensho Clean Power ETF	1.73%
ERTH	Invesco MSCI Sustainable Future ETF	1.00%
FAN	First Trust Global Wind Energy ETF	0.88%
SMOG	VanEck Low Carbon Energy ETF	0.59%
SNSR	Global X Internet of Things ETF	0.30%

Thematic Most Overbought

Ticker	Fund	Price
EVX	VanEck Environmental Services ETF	63.54
REMX	VanEck Rare Earth/Strategic Metals ETF	62.59
SBIO	ALPS Medical Breakthroughs ETF	62.39
AGNG	Global X Aging Population ETF	60.81
GDOC	Goldman Sachs Future Health Care Equity ETF	59.02
TIME	Clockwise Capital Innovation ETF	59.00
BTEC	Principal Healthcare Innovators ETF	58.22
IZRL	ARK Israel Innovative Technology ETF	57.98
BOTZ	Global X Robotics & Artificial Intelligence ETF	57.57
TECB	iShares U.S. Tech Breakthrough Multisector ETF	55.37

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
ARKW	ARK Next Generation Internet ETF	-3.37%
ARKK	ARK Innovation ETF	-3.04%
MJUS	ETFMG U.S. Alternative Harvest ETF	-2.94%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-2.93%
BKCH	Global X Blockchain ETF	-2.81%
KWEB	KraneShares CSI China Internet ETF	-2.79%
ONLN	ProShares Online Retail ETF	-2.72%
ARKF	ARK Fintech Innovation ETF	-2.72%
BITQ	Bitwise Crypto Industry Innovators ETF	-2.44%
MJ	ETFMG Alternative Harvest ETF	-2.44%

Thematic Most Oversold

Ticker	Fund	Price
AWAY	ETFMG Travel Tech ETF	36.05
KWEB	KraneShares CSI China Internet ETF	40.27
FIVG	Defiance Next Gen Connectivity ETF	40.42
MJ	ETFMG Alternative Harvest ETF	40.48
MJUS	ETFMG U.S. Alternative Harvest ETF	40.76
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	41.59
PBD	Invesco Global Clean Energy ETF	41.82
MSOS	AdvisorShares Pure US Cannabis ETF	42.05
PRNT	3D Printing ETF	42.47
NXTG	First Trust Indxx NextG ETF	42.58

* 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
ARKK	ARK Innovation ETF	\$97M
BUG	Global X Cybersecurity ETF	\$26M
ARKG	ARK Genomic Revolution ETF	\$20M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$19M
FIW	First Trust Water ETF	\$13M
MSOS	AdvisorShares Pure US Cannabis ETF	\$8M
AIQ	Global X Artificial Intelligence & Technology ETF	\$8M
ARKF	ARK Fintech Innovation ETF	\$5M
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	\$4M
ACES	ALPS Clean Energy ETF	\$2M

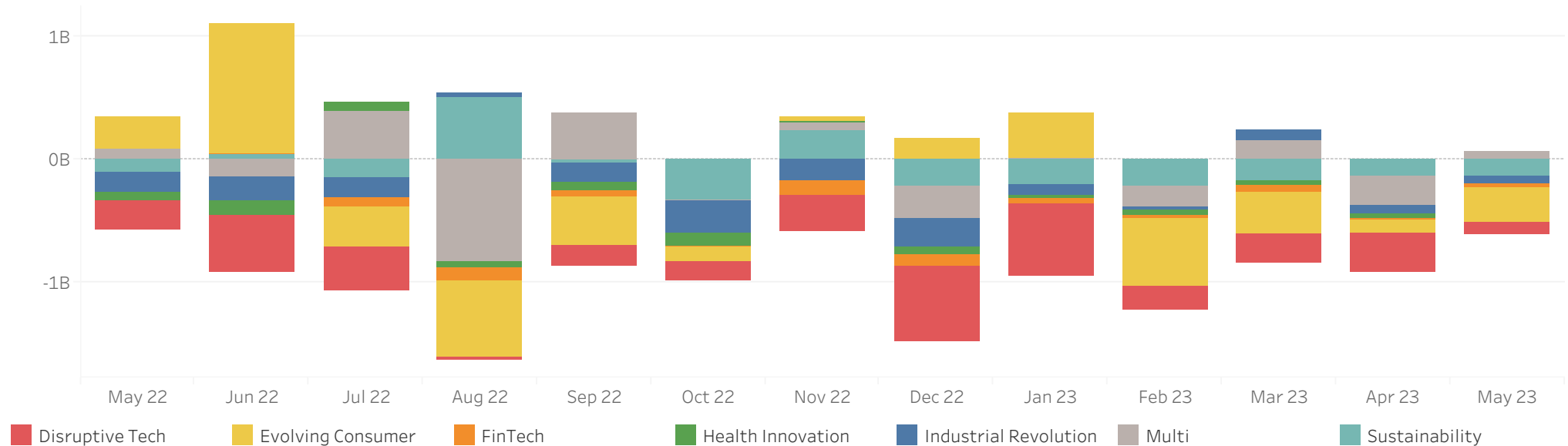
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
KWEB	KraneShares CSI China Internet ETF	(\$28M)
REMX	VanEck Rare Earth/Strategic Metals ETF	(\$25M)
PBW	Invesco WilderHill Clean Energy ETF	(\$15M)
KEMQ	KraneShares Emerging Markets Consumer Technology Index ETF	(\$15M)
ICLN	iShares Global Clean Energy ETF	(\$13M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$12M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$9M)
ARKW	ARK Next Generation Internet ETF	(\$8M)
FINX	Global X FinTech ETF	(\$7M)
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	(\$6M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$15B	(\$18M)	(\$716M)	(\$2,218M)	(\$3,708M)
Evolving Consumer	44	\$8B	(\$46M)	(\$977M)	(\$728M)	(\$867M)
FinTech	18	\$3B	(\$6M)	(\$147M)	(\$311M)	(\$619M)
Health Innovation	18	\$3B	\$28M	(\$105M)	(\$256M)	(\$546M)
Industrial Revolution	31	\$11B	(\$14M)	(\$69M)	(\$477M)	(\$1,479M)
Multi	40	\$14B	\$52M	(\$71M)	(\$753M)	(\$480M)
Sustainability	40	\$16B	(\$40M)	(\$510M)	(\$825M)	(\$882M)
Grand Total	225	\$69B	(\$44M)	(\$2,595M)	(\$5,567M)	(\$8,581M)

Thematic Monthly Flows

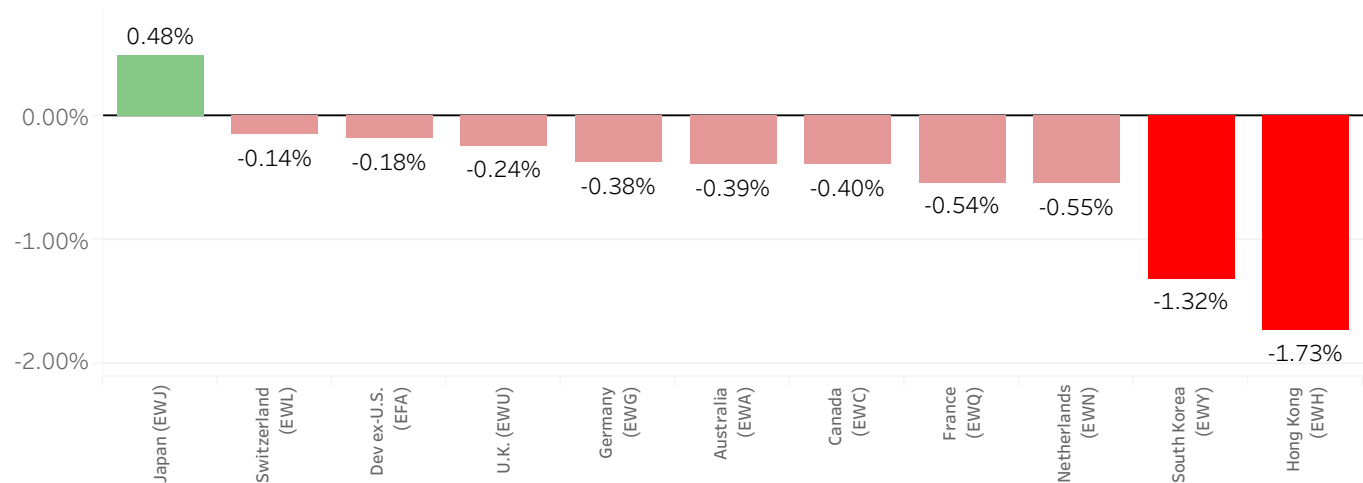


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



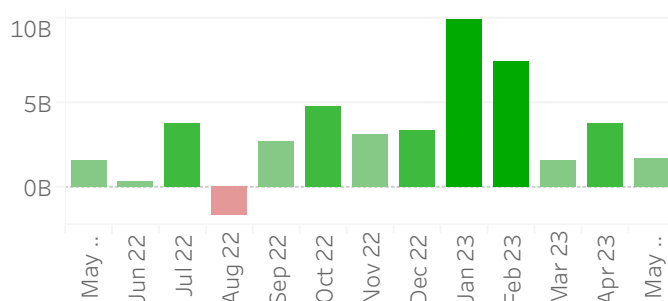
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	1.45%
HEWJ	iShares Currency Hedged MSCI Japan ETF	1.33%
DXJ	WisdomTree Japan Hedged Equity Fund	1.03%
BBJP	JPMorgan BetaBuilders Japan ETF	0.51%
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	0.50%
EWJ	iShares MSCI Japan ETF	0.48%
FLJP	Franklin FTSE Japan ETF	0.47%
HEFA	iShares Currency Hedged MSCI EAFE ETF	0.43%
JPXN	iShares JPX-Nikkei 400 ETF	0.37%
LVHI	Franklin International Low Volatility High Dividend Index ETF	0.36%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	66.30
BBJP	JPMorgan BetaBuilders Japan ETF	65.80
HEWJ	iShares Currency Hedged MSCI Japan ETF	65.79
FLJP	Franklin FTSE Japan ETF	64.85
EWJ	iShares MSCI Japan ETF	64.35
EWL	iShares MSCI Switzerland ETF	63.86
EWJV	iShares MSCI Japan Value ETF	63.43
JPXN	iShares JPX-Nikkei 400 ETF	63.35
DXJ	WisdomTree Japan Hedged Equity Fund	63.31
SCJ	iShares MSCI Japan Small-Cap ETF	62.07

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
AIA	iShares Asia 50 ETF	-1.73%
EWH	iShares MSCI Hong Kong ETF	-1.73%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	-1.51%
EWY	iShares MSCI South Korea ETF	-1.32%
EWS	iShares MSCI Singapore ETF	-1.26%
FLKR	Franklin FTSE South Korea ETF	-1.21%
MINV	Matthews Asia Innovators Active ETF	-1.13%
EIS	iShares MSCI Israel ETF	-1.10%
ENZL	iShares MSCI New Zealand ETF	-1.07%
EWO	iShares MSCI Austria ETF	-0.98%

Developed ex-U.S. Most Oversold

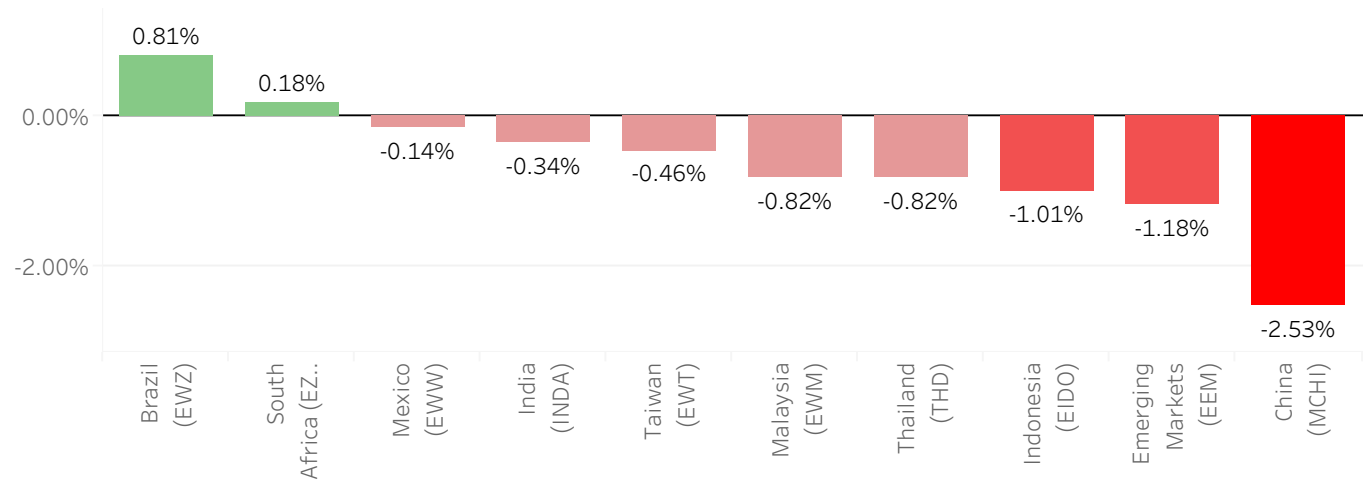
Ticker	Fund	Value
EWH	iShares MSCI Hong Kong ETF	33.79
AIA	iShares Asia 50 ETF	37.72
AAXJ	iShares MSCI All Country Asia ex Japan ETF	38.53
EWY	iShares MSCI South Korea ETF	39.74
FYLD	Cambria Foreign Shareholder Yield ETF	40.34
IMOM	Alpha Architect International Quantitative Moment...	40.37
FLKR	Franklin FTSE South Korea ETF	41.02
MINV	Matthews Asia Innovators Active ETF	41.38
BBAX	JPMorgan BetaBuilders Developed Asia Pacific-ex Ja..	41.78
IDV	iShares International Select Dividend ETF	42.19

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

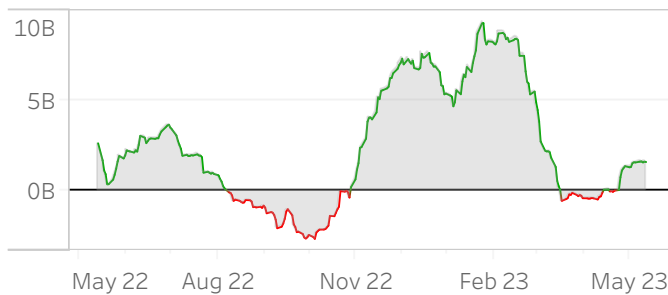
Emerging (EEM)



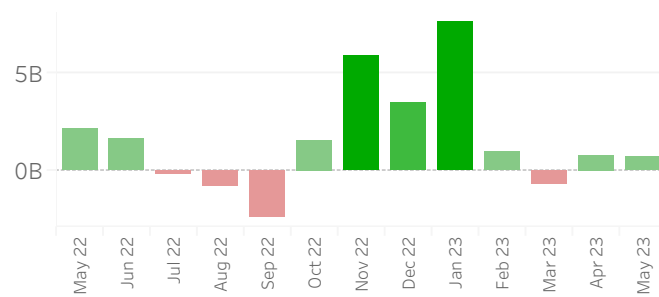
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWZS	iShares MSCI Brazil Small-Cap ETF	0.92%
EWZ	iShares MSCI Brazil ETF	0.81%
FLBR	Franklin FTSE Brazil ETF	0.78%
EPOL	iShares MSCI Poland ETF	0.74%
ECH	iShares MSCI Chile ETF	0.66%
ILF	iShares Latin America 40 ETF	0.51%
FLLA	Franklin FTSE Latin America ETF	0.39%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	0.20%
EZA	iShares MSCI South Africa ETF	0.18%
GLIN	VanEck India Growth Leaders ETF	0.11%

Emerging Most Overbought

Ticker	Fund	Price
SMIN	iShares MSCI India Small Cap ETF	70.42
EWZS	iShares MSCI Brazil Small-Cap ETF	70.00
ECH	iShares MSCI Chile ETF	67.12
FLLA	Franklin FTSE Latin America ETF	66.96
QAT	iShares MSCI Qatar ETF	66.63
FLBR	Franklin FTSE Brazil ETF	66.63
VNM	VanEck Vietnam ETF	66.25
EWZ	iShares MSCI Brazil ETF	66.03
ILF	iShares Latin America 40 ETF	65.60
GLIN	VanEck India Growth Leaders ETF	63.66

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
ECNS	iShares MSCI China Small-Cap ETF	-3.17%
TUR	iShares MSCI Turkey ETF	-3.05%
PGJ	Invesco Golden Dragon China ETF	-2.80%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-2.74%
FXI	iShares China Large-Cap ETF	-2.63%
FLCH	Franklin FTSE China ETF	-2.62%
GXC	SPDR S&P China ETF	-2.56%
MCHI	iShares MSCI China ETF	-2.53%
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	-2.35%
RAYC	Rayliant Quantamental China Equity ETF	-2.20%

Emerging Most Oversold

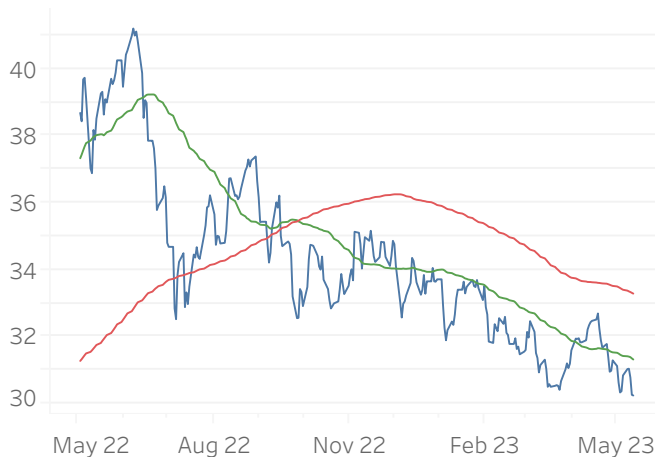
Ticker	Fund	Price
RAYC	Rayliant Quantamental China Equity ETF	27.94
EZA	iShares MSCI South Africa ETF	30.11
KBA	KraneShares Bosera MSCI China A 50 Connect Index ..	33.48
CNYA	iShares MSCI China A ETF	33.88
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	34.61
ECNS	iShares MSCI China Small-Cap ETF	35.00
EWM	iShares MSCI Malaysia ETF	37.29
GXC	SPDR S&P China ETF	38.28
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	38.55
EEMA	iShares MSCI Emerging Markets Asia ETF	38.62

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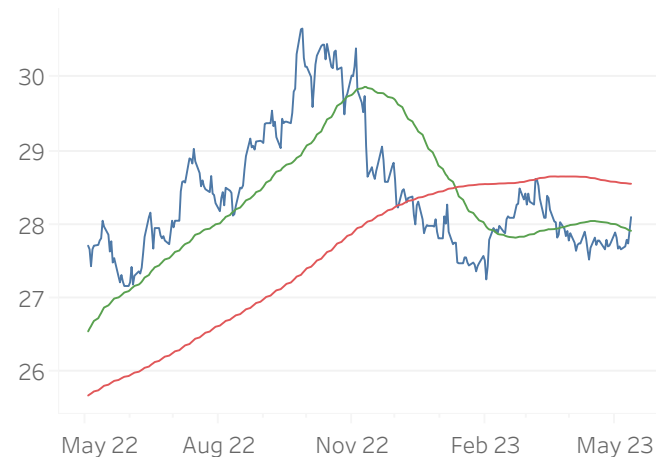
Fixed Income (AGG)



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	-0.56%	-0.29%	3.49%
SHY	1-3 Year Treasury Bonds	-0.17%	0.27%	2.09%
IEF	7-10 Year Treasury Bonds	-0.60%	-0.03%	4.75%
TLT	20+ Year Treasury Bonds	-0.84%	-2.20%	5.80%
TIP	TIPS Bonds	-0.36%	-0.54%	3.46%
FLOT	Floating Rate Bonds	0.08%	0.74%	2.12%
LQD	Investment Grade Corporate	-0.61%	-0.79%	4.10%
HYG	High Yield Corporate	-0.36%	-0.22%	3.09%
BKLN	Senior Loan	0.00%	-0.08%	3.84%
PFF	Preferred & Income Securities	0.17%	-4.18%	-0.24%
MUB	Municipal Bonds	-0.43%	-1.24%	2.29%
MBB	MBS	-0.70%	-0.38%	2.98%
EMB	Dollar Denominated EM Bonds	-0.63%	-0.49%	2.38%
LEMB	Local Currency EM Bond	-0.03%	1.33%	5.22%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.07%	-6.49%	-10.29%
DBE	Energy	-1.60%	-12.11%	-15.84%
USO	WTI Crude Oil	-1.87%	-14.30%	-11.47%
BNO	Brent Crude Oil	-1.73%	-14.27%	-11.81%
UNG	Natural Gas	3.91%	-0.15%	-52.91%
UGA	Gasoline	-1.54%	-13.41%	-6.19%
DBP	Precious Metals	-0.29%	-1.32%	7.76%
GLD	Gold	-0.17%	-0.20%	10.12%
SLV	Silver	-0.81%	-6.02%	0.00%
PPLT	abrdn Physical Platin..	-3.21%	3.98%	-1.44%
PALL	abrdn Physical Palla..	-2.68%	2.65%	-15.68%
DBB	Base Metals	0.66%	-6.02%	-5.24%
CPER	Copper	0.66%	-8.07%	-0.82%
LD	Lead	-1.88%	-2.20%	-9.81%
JJN	Nickel	1.53%	-5.51%	-25.60%
JJU	Aluminum	1.38%	-3.24%	-7.30%
JJT	Tin	-2.05%	3.96%	0.59%
DBA	Agriculture	0.24%	0.29%	3.37%
CORN	Corn	-0.96%	-8.38%	-15.56%
SOYB	Soybeans	-2.00%	-5.24%	-9.91%
WEAT	Wheat	0.79%	-6.99%	-19.92%
CANE	Sugar	0.65%	12.85%	45.65%
BAL	Cotton	1.06%	-1.98%	-2.52%
NIB	Cocoa	-1.23%	4.22%	20.14%
JO	Coffee	0.11%	-2.59%	11.89%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.64%	1.63%	1.04%
UDN	Short Dollar	-0.58%	-1.00%	1.62%
FXE	Euro	-0.61%	-1.11%	1.74%
FXB	British Pound Sterling	-0.38%	0.02%	3.99%
FXF	Swiss Franc	-0.49%	-0.23%	2.73%
FXJ	Japanese Yen	-0.87%	-1.93%	-3.49%
FXC	Canadian Dollar	-0.50%	-0.53%	0.62%
FXA	Australian Dollar	-0.82%	-0.58%	-2.09%

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