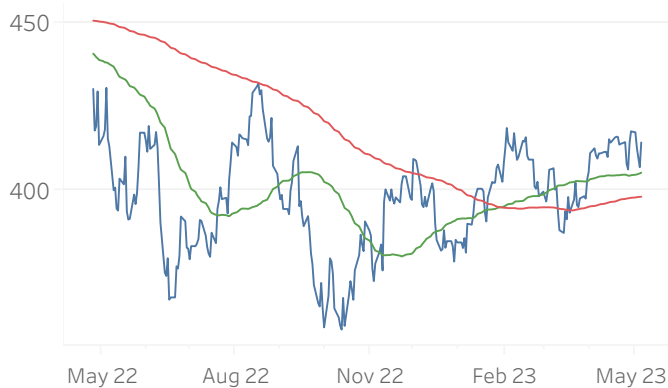


Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

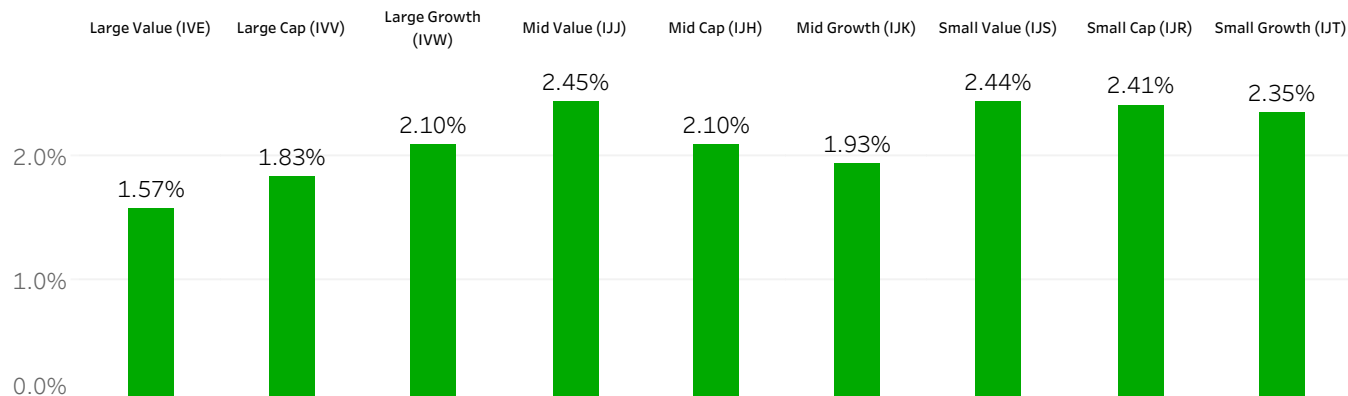


Small Cap Blend (S&P 600) IJR



■ 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
BUZZ	VanEck Social Sentiment ETF	3.33%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	3.30%
XMVM	Invesco S&P MidCap Value with Momentum ETF	3.24%
CALF	Pacer US Small Cap Cash Cows 100 ETF	3.21%
WBIY	WBI Power Factor High Dividend ETF	3.20%
SDVY	First Trust SMID Cap Rising Dividend Achievers ETF	3.17%
AVUV	Avantis U.S. Small Cap Value ETF	3.12%
SVAL	iShares US Small Cap Value Factor ETF	3.06%
RFV	Invesco S&P Midcap 400 Pure Value ETF	3.02%
FNK	First Trust Mid Cap Value AlphaDEX Fund	2.99%

Size & Style Most Overbought

Ticker	Fund	Price
SPC	CrossingBridge Pre-Merger SPAC ETF	65.78
WINN	Harbor Long-Term Growers ETF	63.61
IWY	iShares Russell Top 200 Growth ETF	61.94
MGK	Vanguard Mega Cap Growth ETF	61.87
TMFC	Motley Fool 100 Index ETF	60.99
XLG	Invesco S&P 500 Top 50 ETF	60.86
ABEQ	Absolute Select Value ETF	60.72
SCHG	Schwab U.S. Large-Cap Growth ETF	60.51
QQQM	Invesco NASDAQ 100 ETF	60.13
QQQ	Invesco QQQ Trust	60.01

Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
SPC	CrossingBridge Pre-Merger SPAC ETF	0.05%
CSF	VictoryShares US Discovery Enhanced Volatility Wtd ETF	0.37%
ABEQ	Absolute Select Value ETF	0.66%
WBIG	WBI BullBear Yield 3000 ETF	0.74%
RPHS	Regents Park Hedged Market Strategy ETF	0.84%
HUSV	First Trust Horizon Managed Volatility Domestic ETF	0.87%
XRLV	Invesco S&P 500 ex-Rate Sensitive Low Volatility ETF	0.90%
TMFM	Motley Fool Mid-Cap Growth ETF	0.94%
DVOL	First Trust Dorsey Wright Momentum & Low Volatility E..	0.98%
CWS	AdvisorShares Focused Equity ETF	1.01%

Size & Style Most Oversold

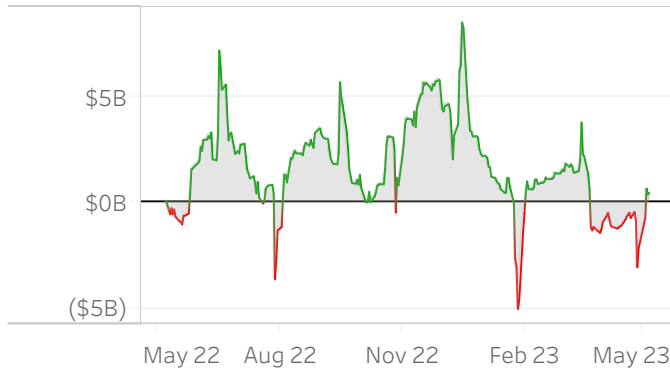
Ticker	Fund	Price
FCTR	First Trust Lunt U.S. Factor Rotation ETF	34.85
DIV	Global X SuperDividend US ETF	38.08
XSLV	Invesco S&P SmallCap Low Volatility ETF	38.44
RDIV	Invesco S&P Ultra Dividend Revenue ETF	38.52
WBIG	WBI BullBear Yield 3000 ETF	38.89
SVAL	iShares US Small Cap Value Factor ETF	39.77
QMOM	Momentumshares US Quantitative Momentum E..	39.81
DHS	WisdomTree U.S. High Dividend Fund	39.84
SIXS	ETC 6 Meridian Small Cap Equity ETF	39.98
WBIY	WBI Power Factor High Dividend ETF	40.07

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

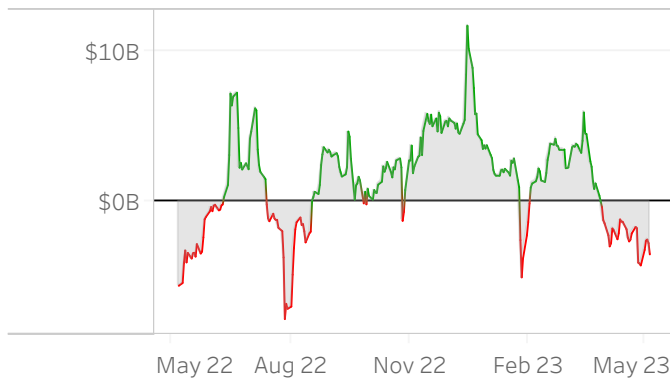
Large-Cap 30-Day Rolling Flows



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	\$1,268B	\$3.02B	\$5.13B	(\$5.46B)	\$65.93B
Large Cap, Beta, Beta: Growth	10	\$243B	(\$0.12B)	\$3.03B	\$7.79B	\$21.14B
Large Cap, Beta, Beta: Value	11	\$214B	(\$0.10B)	(\$4.57B)	(\$5.53B)	\$2.80B
Mid Cap, Beta, Beta	10	\$177B	(\$0.65B)	(\$0.31B)	\$3.77B	\$9.95B
Mid Cap, Beta, Beta: Growth	6	\$32B	\$0.10B	\$0.33B	(\$0.06B)	\$1.26B
Mid Cap, Beta, Beta: Value	6	\$38B	\$0.02B	(\$0.87B)	(\$0.48B)	\$1.08B
Small Cap, Beta, Beta	13	\$179B	(\$1.04B)	(\$3.30B)	\$0.88B	\$2.25B
Small Cap, Beta, Beta: Growth	7	\$30B	(\$0.11B)	(\$0.20B)	\$0.17B	\$1.22B
Small Cap, Beta, Beta: Value	7	\$45B	(\$0.10B)	(\$1.01B)	(\$0.04B)	(\$0.07B)

U.S. Size & Style Flow Leaders

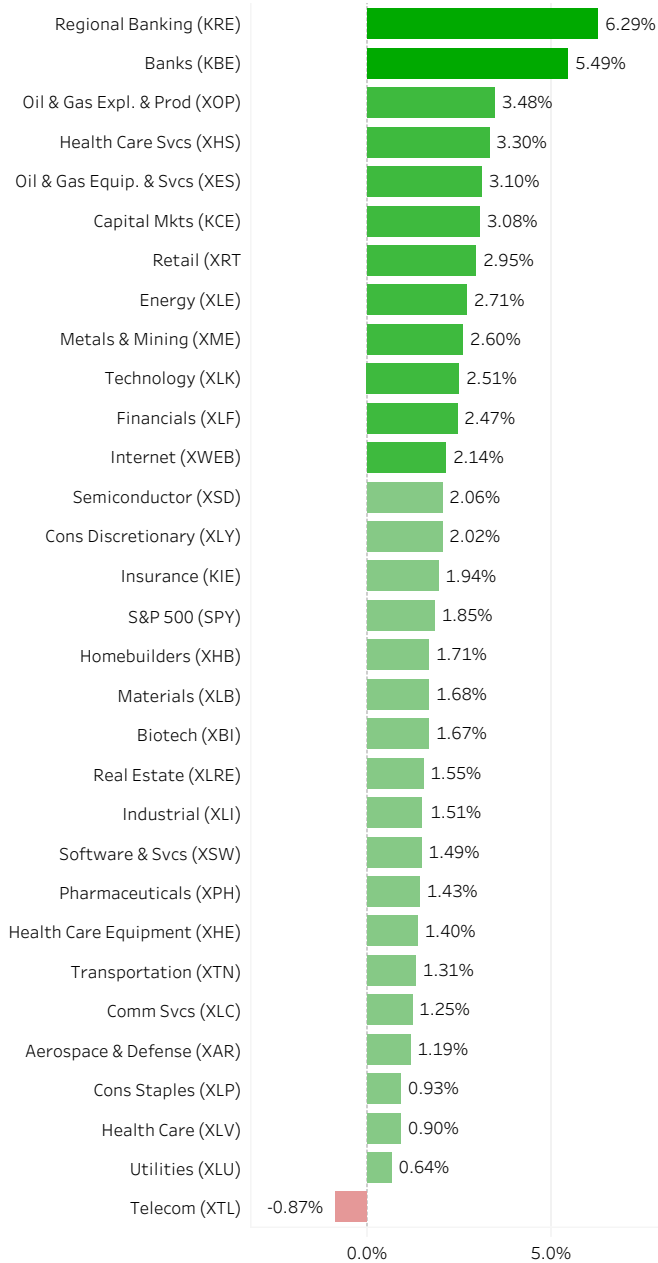
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$2.01B	(\$5.39B)	(\$9.46B)	\$4.01B	\$369.78B
QQQ	Invesco QQQ Trust	\$0.77B	\$3.74B	(\$0.77B)	(\$0.65B)	\$171.25B
VTI	Vanguard Total Stock Market ETF	\$0.31B	\$2.04B	\$8.97B	\$19.48B	\$278.43B
VOO	Vanguard S&P 500 ETF	\$0.31B	\$7.71B	\$6.60B	\$33.42B	\$286.00B
QUAL	iShares MSCI USA Quality Factor ETF	\$0.16B	\$8.82B	\$8.49B	\$6.47B	\$27.87B
QQQM	Invesco NASDAQ 100 ETF	\$0.14B	\$1.69B	\$3.06B	\$4.77B	\$9.23B
SCHD	Schwab US Dividend Equity ETF	\$0.12B	\$2.17B	\$6.94B	\$14.24B	\$45.00B
SPYG	SPDR Portfolio S&P 500 Growth ETF	\$0.10B	\$0.98B	\$2.69B	\$4.25B	\$16.17B
IWF	iShares Russell 1000 Growth ETF	\$0.09B	(\$0.75B)	(\$2.16B)	\$0.21B	\$62.17B
QQEW	First Trust Nasdaq-100 Equal Weighted Index..	\$0.08B	\$0.19B	\$0.28B	\$0.43B	\$1.51B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWM	iShares Russell 2000 ETF	(\$0.68B)	(\$3.58B)	(\$2.71B)	(\$3.08B)	\$46.61B
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.54B)	(\$1.76B)	(\$1.68B)	\$1.43B	\$28.50B
VO	Vanguard Mid-Cap ETF	(\$0.41B)	(\$0.66B)	\$0.22B	\$2.22B	\$49.54B
VUG	Vanguard Growth ETF	(\$0.40B)	\$0.47B	\$2.71B	\$7.72B	\$80.47B
VYM	Vanguard High Dividend Yield Index ETF	(\$0.37B)	\$0.40B	\$0.30B	\$5.64B	\$47.57B
IJR	iShares Core S&P Small Cap ETF	(\$0.24B)	(\$0.18B)	\$0.92B	\$2.58B	\$62.70B
SCHX	Schwab U.S. Large-Cap ETF	(\$0.19B)	(\$0.78B)	(\$0.50B)	\$1.62B	\$30.24B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.14B)	(\$0.25B)	\$0.19B	\$0.37B	\$18.06B
MTUM	iShares MSCI USA Momentum Factor ETF	(\$0.12B)	(\$2.26B)	(\$2.43B)	(\$0.84B)	\$9.23B
IWO	iShares Russell 2000 Growth ETF	(\$0.11B)	(\$0.30B)	(\$0.36B)	(\$0.14B)	\$9.09B

* 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)
XLK	Technology Select Sector SPDR Fund	-0.21%	29.75%	4.17%	11.65%	59.21
XLP	Consumer Staples Select Sector SPDR Fund	-0.41%	16.06%	3.85%	4.99%	63.08
SPY	SPDR S&P 500 ETF Trust	-3.97%	15.73%	2.28%	4.20%	54.84
XLI	Industrial Select Sector SPDR Fund	-4.01%	20.12%	-0.06%	2.43%	50.07
XLC	Communication Services Select Sector SPDR Fund	-4.28%	28.45%	2.98%	9.82%	52.44
XLV	Health Care Select Sector SPDR Fund	-4.65%	11.43%	2.57%	1.86%	54.37
XLB	Materials Select Sector SPDR Fund	-9.60%	18.33%	-0.11%	1.63%	48.69
XLU	Utilities Select Sector SPDR Fund	-11.64%	12.21%	2.27%	-0.86%	53.35
XLF	Financial Select Sector SPDR Fund	-12.62%	6.73%	-1.32%	-4.62%	46.92
XLE	Energy Select Sector SPDR Fund	-14.72%	18.88%	-3.62%	-4.67%	40.27
XLY	Consumer Discretionary Select Sector SPDR Fund	-14.90%	16.58%	1.77%	0.72%	53.64
XLRE	Real Estate Select Sector SPDR Fund	-18.15%	10.87%	1.24%	-2.92%	53.64

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
KRE	SPDR S&P Regional Banking ETF	6.29%
IAT	iShares U.S. Regional Banks ETF	6.15%
KBE	SPDR S&P Bank ETF	5.49%
KBWR	Invesco KBW Regional Banking ETF	4.81%
FXO	First Trust Financials AlphaDEX Fund	4.77%
KBWB	Invesco KBW Bank ETF	4.57%
FTXO	First Trust Nasdaq Bank ETF	4.40%
QABA	First Trust NASDAQ ABA Community Bank Index F..	4.15%
AIRR	First Trust RBA American Industrial Renaissance E..	3.96%
FCG	First Trust Natural Gas ETF	3.80%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
FTXG	First Trust Nasdaq Food & Beverage ETF	69.86
VDC	Vanguard Consumer Staples ETF	64.51
PBJ	Invesco Dynamic Food & Beverage ETF	64.23
IYK	iShares U.S. Consumer Staples ETF	64.01
PTH	Invesco DWA Healthcare Momentum ETF	63.85
ITB	iShares U.S. Home Construction ETF	63.61
XBI	SPDR S&P BIOTECH ETF	63.38
RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	63.09
PKB	Invesco Dynamic Building & Construction ETF	63.09
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER STAPLES..	63.08

Sector & Industry 1 Day Performance Laggards

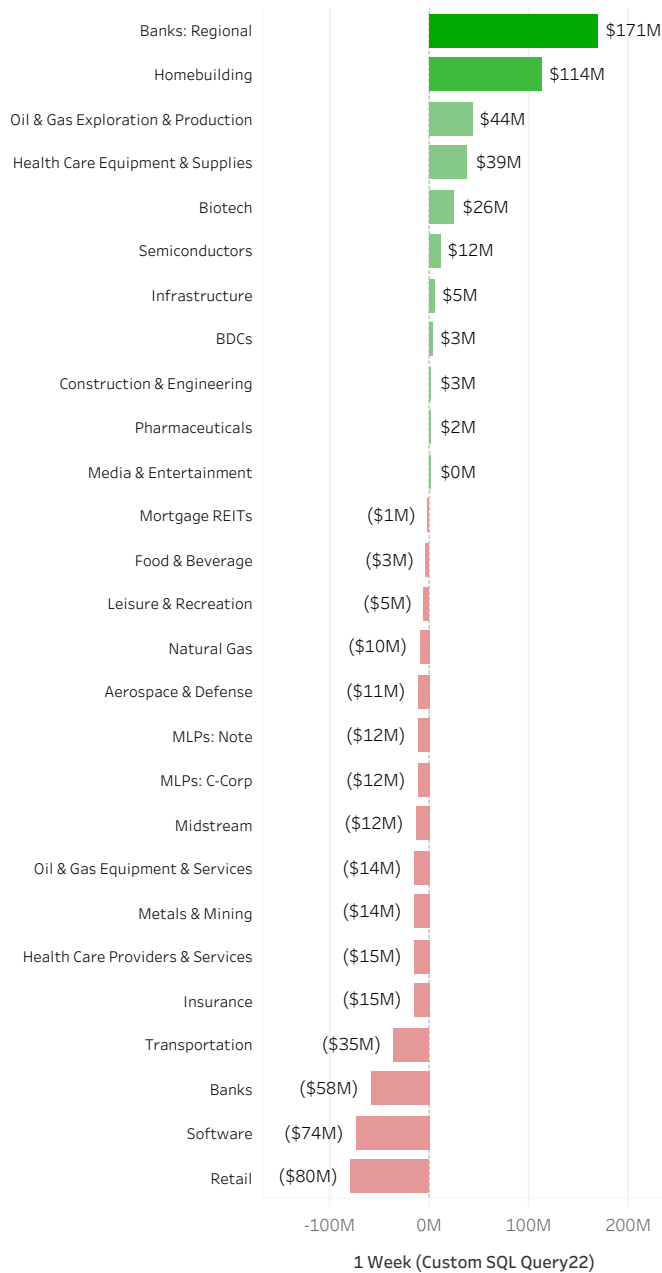
Ticker	Fund	1 Day Performance
XTL	SPDR S&P Telecom ETF	-0.87%
IGN	iShares North American Tech-Multimedia Networking ..	0.29%
IHI	iShares U.S. Medical Devices ETF	0.61%
FUTY	Fidelity MSCI Utilities Index ETF	0.63%
PJP	Invesco Dynamic Pharmaceuticals ETF	0.64%
XLU	Utilities Select Sector SPDR Fund	0.64%
IDU	iShares U.S. Utilities ETF	0.65%
RYU	Invesco S&P 500 Equal Weight Utilities ETF	0.65%
VPU	Vanguard Utilities ETF	0.66%
IHE	iShares U.S. Pharmaceuticals ETF	0.80%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
XTL	SPDR S&P Telecom ETF	29.31
IGN	iShares North American Tech-Multimedia Networking ETF	32.28
MLPA	Global X MLP ETF	33.33
QABA	First Trust NASDAQ ABA Community Bank Index Fund	33.94
XSD	SPDR S&P Semiconductor ETF	35.79
KRE	SPDR S&P Regional Banking ETF	36.50
KBWB	Invesco KBW Bank ETF	37.01
IAT	iShares U.S. Regional Banks ETF	37.36
KBWR	Invesco KBW Regional Banking ETF	37.77
KBE	SPDR S&P Bank ETF	38.21

* 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	\$238M	\$1,335M	\$1,160M	\$1,089M
Consumer Discretionary	12	\$22B	(\$121M)	\$460M	\$105M	(\$1,501M)
Consumer Staples	10	\$32B	\$335M	\$1,808M	\$2,410M	\$3,999M
Energy	32	\$66B	(\$563M)	(\$4,890M)	(\$7,933M)	(\$9,536M)
Financials	26	\$52B	(\$1,322M)	\$379M	\$105M	(\$6,531M)
Health Care	23	\$92B	\$698M	(\$2,497M)	(\$2,369M)	\$2,043M
Industrial	13	\$31B	(\$46M)	\$209M	\$1,359M	(\$848M)
Materials	9	\$14B	(\$145M)	(\$364M)	\$490M	(\$2,999M)
Multi-Sector	19	\$14B	\$73M	\$358M	(\$147M)	(\$1,791M)
Real Estate	25	\$55B	(\$103M)	(\$2,772M)	(\$2,857M)	(\$5,881M)
Technology	23	\$128B	\$395M	\$137M	(\$206M)	\$401M
Utilities	9	\$26B	\$241M	\$176M	\$275M	\$1,879M

U.S. Sector & Industry Flow Leaders

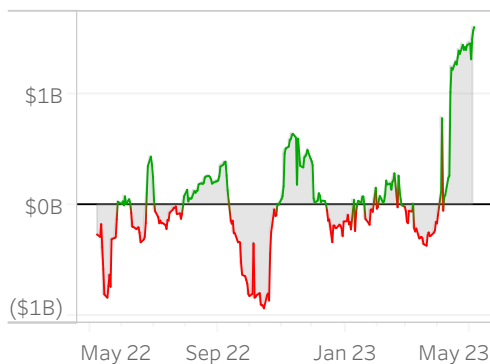
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	\$676M	(\$170M)	(\$136M)	\$2,830M	\$40,149M
XLK	Technology Select Sector SPDR Fund	\$275M	(\$1,345M)	(\$1,793M)	(\$1,710M)	\$42,558M
XLP	Consumer Staples Select Sector SPDR Fund	\$247M	\$1,462M	\$1,622M	\$2,431M	\$18,750M
XLU	Utilities Select Sector SPDR Fund	\$243M	\$504M	\$524M	\$1,436M	\$16,319M
XLC	Communication Services Select Sector SPDR Fu..	\$146M	\$1,259M	\$1,106M	\$1,387M	\$10,971M
KRE	SPDR S&P Regional Banking ETF	\$133M	\$1,450M	\$767M	\$107M	\$2,647M
ITB	iShares U.S. Home Construction ETF	\$79M	\$198M	\$268M	\$85M	\$1,840M
FTEC	Fidelity MSCI Information Technology Index ETF	\$79M	\$118M	\$159M	\$73M	\$5,983M
FCOM	Fidelity MSCI Communication Services Index ETF	\$73M	\$126M	\$95M	(\$36M)	\$649M
IYR	iShares U.S. Real Estate ETF	\$67M	(\$521M)	(\$431M)	(\$1,125M)	\$2,848M

U.S. Sector & Industry Flow Laggards

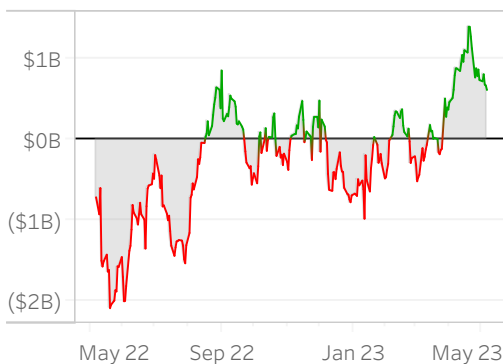
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	(\$1,277M)	\$83M	\$636M	(\$3,133M)	\$29,534M
XLE	Energy Select Sector SPDR Fund	(\$508M)	(\$1,341M)	(\$2,758M)	(\$2,406M)	\$34,794M
VFH	Vanguard Financials ETF	(\$99M)	(\$572M)	(\$673M)	(\$1,533M)	\$7,245M
VNQ	Vanguard Real Estate ETF	(\$97M)	(\$1,027M)	(\$1,306M)	(\$3,725M)	\$31,938M
XLRE	Real Estate Select Sector SPDR Fund	(\$96M)	(\$611M)	(\$505M)	(\$195M)	\$4,342M
XRT	SPDR S&P Retail ETF	(\$80M)	(\$85M)	(\$39M)	(\$292M)	\$315M
IGV	iShares Expanded Tech-Software Sector ETF	(\$73M)	(\$93M)	(\$246M)	\$584M	\$4,916M
IYM	iShares U.S. Basic Materials ETF	(\$64M)	\$69M	(\$13M)	(\$165M)	\$827M
KBE	SPDR S&P Bank ETF	(\$63M)	(\$10M)	(\$431M)	(\$779M)	\$1,151M
XSD	SPDR S&P Semiconductor ETF	(\$54M)	\$191M	\$269M	\$228M	\$1,287M

* 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



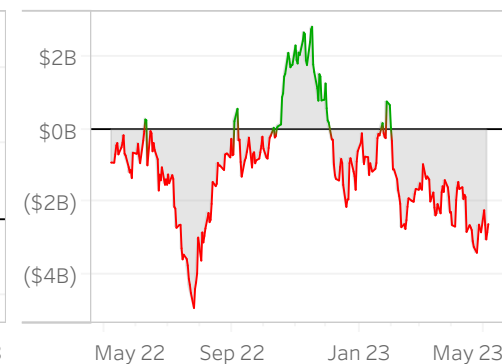
Consumer Discretionary



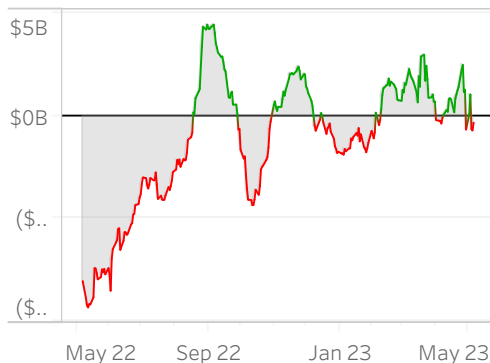
Consumer Staples



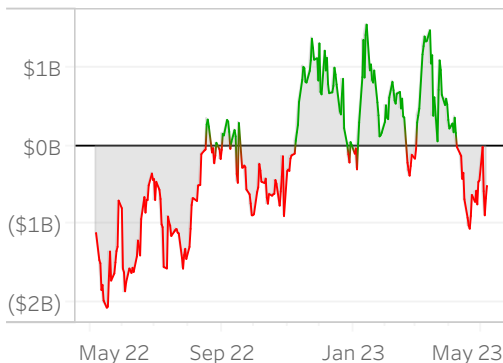
Energy



Financials



Industrial



Health Care



Materials



Real Estate



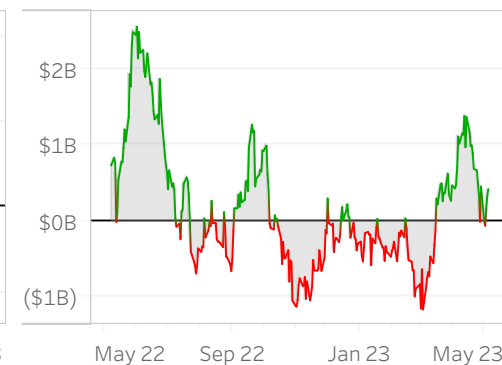
Technology



Utilities

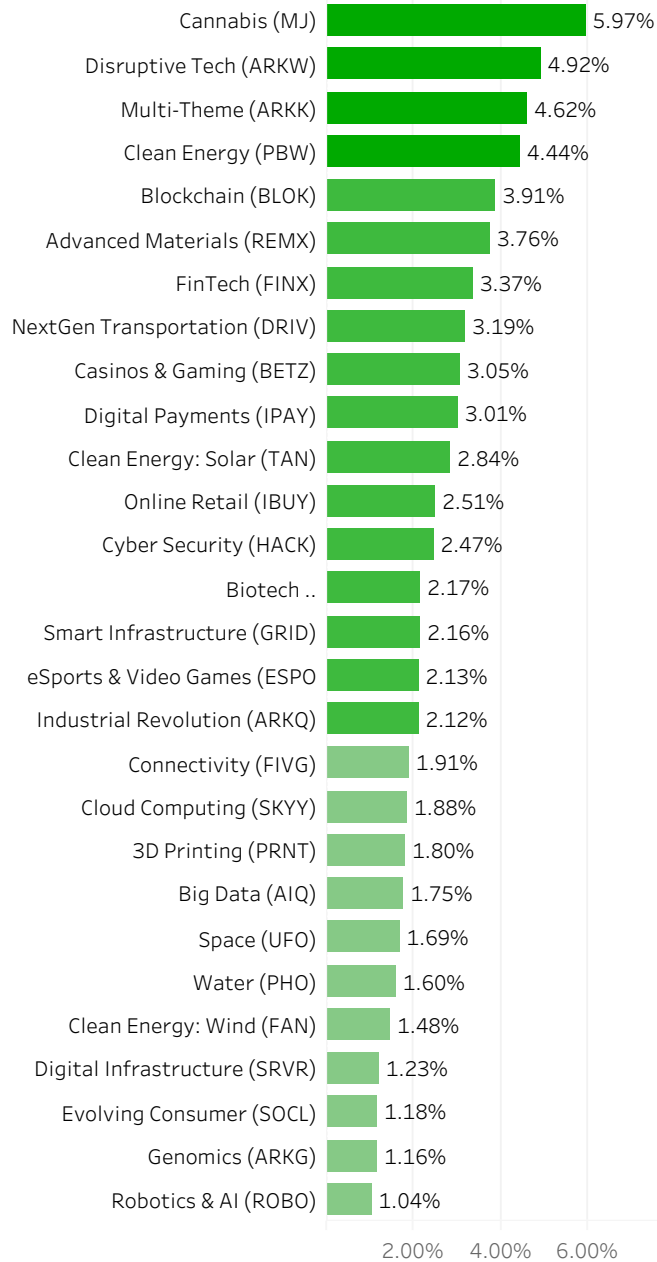


Multi-Sector

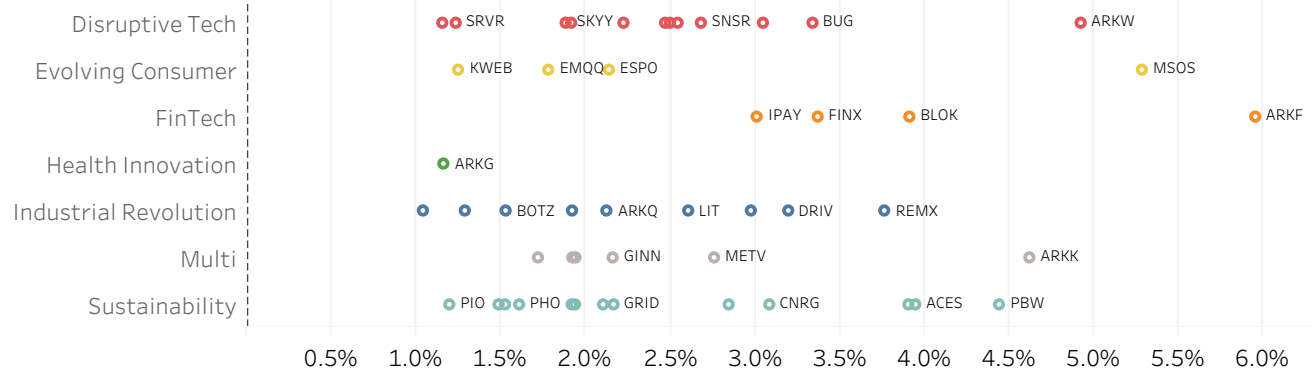


*ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance (%)
MJ	ETFMG Alternative Harvest ETFMG Alternative Harvest	5.97%
ARKF	ARK Fintech Innovation ETF	5.95%
BITQ	Bitwise Crypto Industry Innovators ETF	5.65%
MSOS	AdvisorShares Pure US Cannabis ETF	5.28%
ARKW	ARK Next Generation Internet ETF	4.92%
BKCH	Global X Blockchain ETF	4.63%
ARKK	ARK Innovation ETF	4.62%
PBW	Invesco WilderHill Clean Energy ETF	4.44%
MJUS	ETFMG U.S. Alternative Harvest ETF	4.00%
ACES	ALPS Clean Energy ETF	3.94%

Thematic Most Overbought

Ticker	Fund	Value
SBIO	ALPS Medical Breakthroughs ETF	68.39
CGW	Invesco S&P Global Water Index ETF	64.06
BTEC	Principal Healthcare Innovators ETF	64.04
MSOS	AdvisorShares Pure US Cannabis ETF	62.98
AGNG	Global X Aging Population ETF	62.71
GDOC	Goldman Sachs Future Health Care Equity ETF	62.65
BETZ	Roundhill Sports Betting & iGaming ETF	62.04
FIW	First Trust Water ETF	62.00
PHO	Invesco Water Resources ETF	61.92
PIO	Invesco Global Water ETF	61.83

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance (%)
KGRN	KraneShares MSCI China Clean Technology Index ETF	0.04%
AWAY	ETFMG Travel Tech ETF	0.42%
EDOC	Global X Telemedicine & Digital Health ETF Registered	0.95%
GDOC	Goldman Sachs Future Health Care Equity ETF	1.01%
ROBO	ROBO Global Robotics & Automation Index ETF	1.04%
SAMT	Strategas Macro Thematic Opportunities ETF	1.05%
AGNG	Global X Aging Population ETF	1.07%
HTEC	ROBO Global Healthcare Technology and Innovation E..	1.08%
PAWZ	ProShares Pet Care ETF	1.09%
NXTG	First Trust Indxx NextG ETF	1.15%

Thematic Most Oversold

Ticker	Fund	Value
XITK	SPDR FactSet Innovative Technology ETF	38.86
TAN	Invesco Solar ETF	39.39
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Securit..	39.86
IHAK	iShares Cybersecurity & Tech ETF	40.61
WCLD	WisdomTree Cloud Computing Fund	40.71
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	40.75
CIBR	First Trust NASDAQ Cybersecurity ETF	41.46
CLOU	Global X Cloud Computing ETF	42.43
FIVG	Defiance Next Gen Connectivity ETF	42.45
ICLN	iShares Global Clean Energy ETF	42.48

* 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
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$14M
AIQ	Global X Artificial Intelligence & Technology ETF	\$10M
TARK	AXS 2X Innovation ETF	\$5M
ARKQ	ARK Autonomous Technology & Robotics ETF	\$5M
BUG	Global X Cybersecurity ETF	\$5M
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	\$4M
MSOS	AdvisorShares Pure US Cannabis ETF	\$3M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$3M
AGNG	Global X Aging Population ETF	\$3M
BITQ	Bitwise Crypto Industry Innovators ETF	\$1M

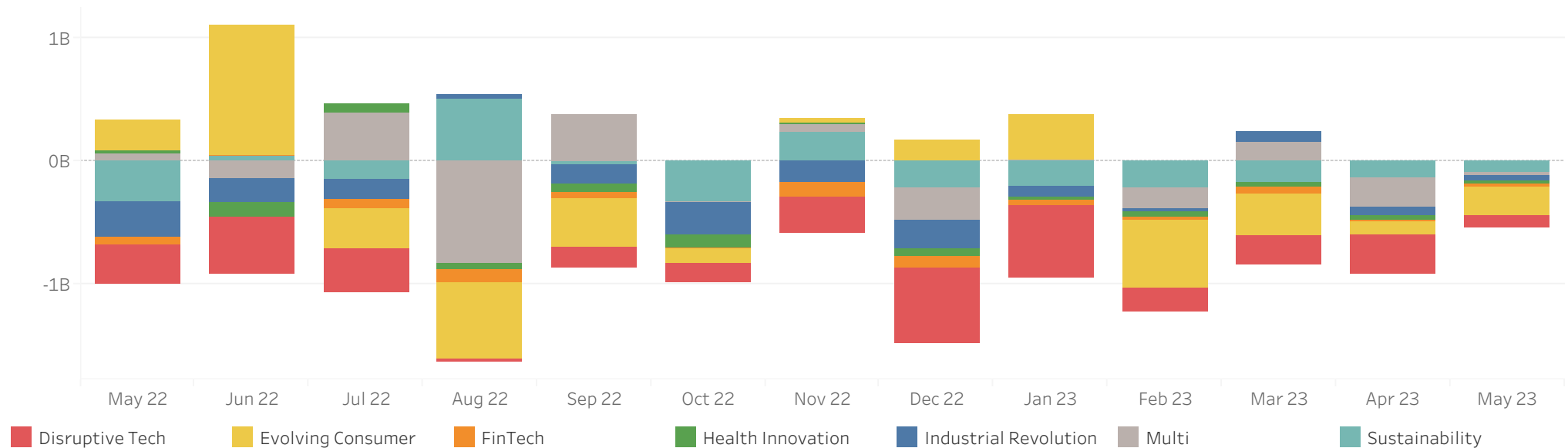
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
KWEB	KraneShares CSI China Internet ETF	(\$236M)
ICLN	iShares Global Clean Energy ETF	(\$51M)
TAN	Invesco Solar ETF	(\$27M)
ARKG	ARK Genomic Revolution ETF	(\$26M)
LIT	Global X Lithium & Battery Tech ETF	(\$25M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$21M)
ARKK	ARK Innovation ETF	(\$21M)
SNSR	Global X Internet of Things ETF	(\$19M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$16M)
PBW	Invesco WilderHill Clean Energy ETF	(\$14M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$14B	(\$66M)	(\$808M)	(\$2,245M)	(\$3,803M)
Evolving Consumer	44	\$8B	(\$176M)	(\$1,187M)	(\$673M)	(\$834M)
FinTech	18	\$2B	(\$28M)	(\$136M)	(\$324M)	(\$663M)
Health Innovation	18	\$3B	(\$24M)	(\$166M)	(\$214M)	(\$479M)
Industrial Revolution	31	\$10B	(\$28M)	(\$40M)	(\$499M)	(\$1,590M)
Multi	41	\$13B	(\$20M)	(\$21M)	(\$306M)	(\$588M)
Sustainability	40	\$16B	(\$80M)	(\$567M)	(\$743M)	(\$1,068M)
Grand Total	226	\$67B	(\$423M)	(\$2,926M)	(\$5,004M)	(\$9,024M)

Thematic Monthly Flows

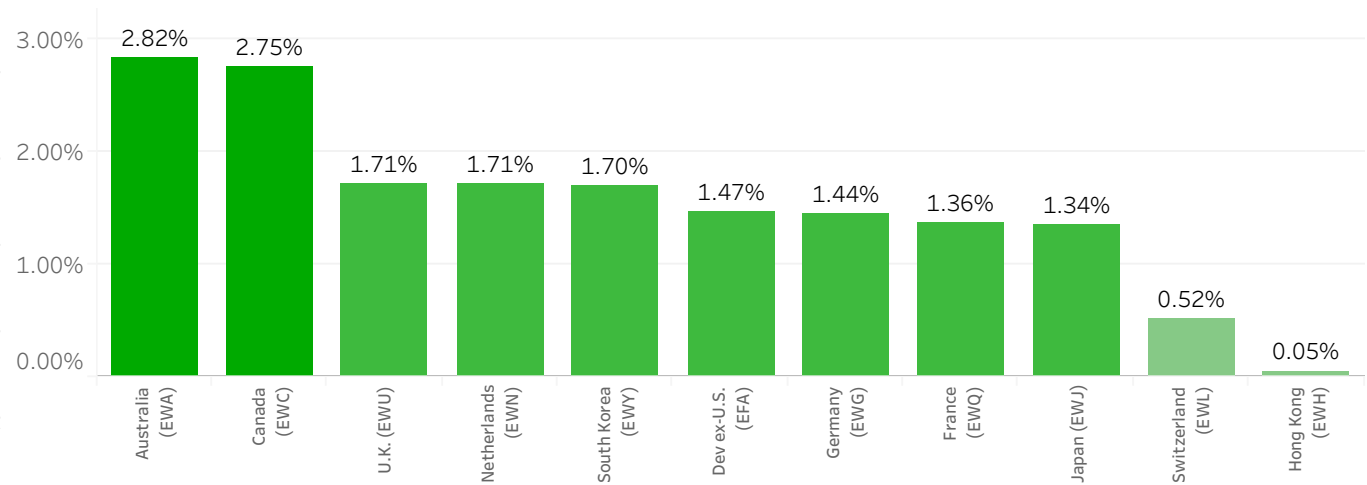


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



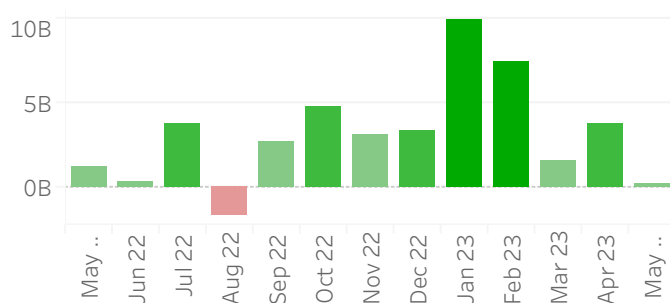
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWA	iShares MSCI Australia ETF	2.82%
BBCA	JPMorgan BetaBuilders Canada ETF	2.77%
EWC	iShares MSCI Canada ETF	2.75%
NORW	Global X MSCI Norway ETF	2.66%
FLCA	Franklin FTSE Canada ETF	2.53%
EWI	iShares MSCI Italy ETF	2.53%
DXJ	WisdomTree Japan Hedged Equity Fund	2.29%
FEP	First Trust Europe AlphaDEX Fund	2.17%
EWO	iShares MSCI Austria ETF	2.16%
DFIV	Dimensional International Value ETF	2.09%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EWL	iShares MSCI Switzerland ETF	73.73
FLSW	Franklin FTSE Switzerland ETF	71.86
EFAV	iShares MSCI EAFE Min Vol Factor ETF	70.24
QLVD	FlexShares Developed Markets ex-US Quality Low Volatilit..	67.84
IDLV	Invesco S&P International Developed Low Volatility ETF	67.82
IQDG	WisdomTree International Quality Dividend Growth Fund	66.86
EUDG	WisdomTree Europe Quality Dividend Growth Fund	66.37
BKCI	BNY Mellon Concentrated International ETF	65.14
EFAD	ProShares MSCI EAFE Dividend Growers ETF	64.53
IHDG	WisdomTree International Hedged Quality Dividend Grow..	64.31

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EWH	iShares MSCI Hong Kong ETF	0.05%
ENZL	iShares MSCI New Zealand ETF	0.44%
FLSW	Franklin FTSE Switzerland ETF	0.48%
EWL	iShares MSCI Switzerland ETF	0.52%
FSZ	First Trust Switzerland AlphaDEX Fund	0.73%
EFAV	iShares MSCI EAFE Min Vol Factor ETF	0.77%
SCJ	iShares MSCI Japan Small-Cap ETF	0.82%
EUDG	WisdomTree Europe Quality Dividend Growth Fund	0.87%
QLVD	FlexShares Developed Markets ex-US Quality Low Volatilit..	0.93%
IHDG	WisdomTree International Hedged Quality Dividend Grow..	0.95%

Developed ex-U.S. Most Oversold

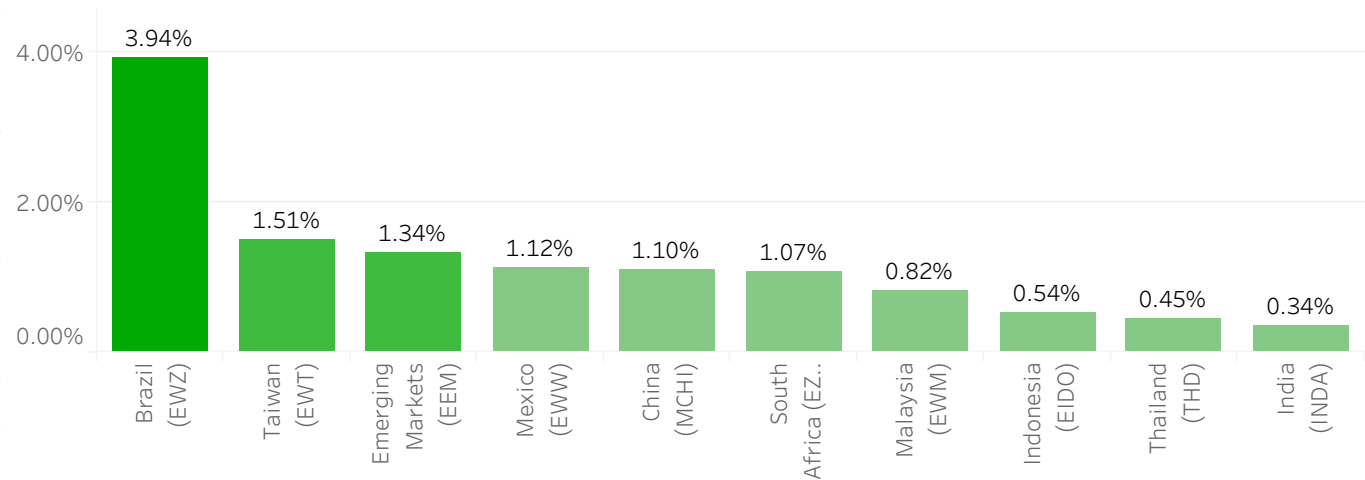
Ticker	Fund	Value
MINV	Matthews Asia Innovators Active ETF	45.77
FYLD	Cambria Foreign Shareholder Yield ETF	47.64
AIA	iShares Asia 50 ETF	48.60
EWH	iShares MSCI Hong Kong ETF	49.32
NORW	Global X MSCI Norway ETF	49.59
IMOM	Alpha Architect International Quantitative Moment..	49.96
IVAL	Alpha Architect International Quantitative Value ETF	50.39
EWSP	iShares MSCI Spain ETF	50.98
ICOW	Pacer Developed Markets International Cash Cows 1..	51.57
ISRA	VanEck Israel ETF	51.62

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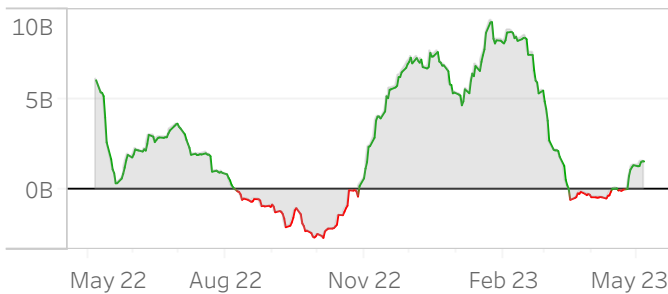
Emerging (EEM)



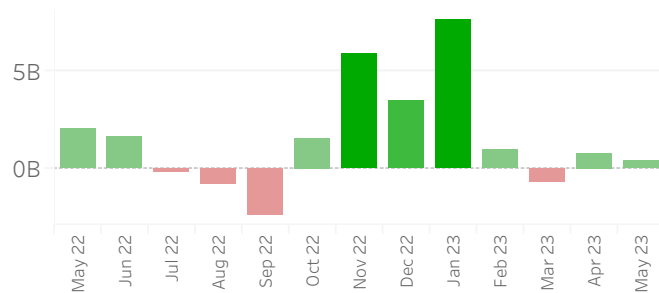
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWZ	iShares MSCI Brazil ETF	3.94%
EWZS	iShares MSCI Brazil Small-Cap ETF	3.82%
FLBR	Franklin FTSE Brazil ETF	3.81%
FLN	First Trust Latin America AlphaDEX Fund	3.25%
ILF	iShares Latin America 40 ETF	3.11%
FLLA	Franklin FTSE Latin America ETF	2.84%
EPU	iShares MSCI Peru and Global Exposure ETF	2.75%
ECH	iShares MSCI Chile ETF	2.35%
EPOL	iShares MSCI Poland ETF	2.21%
EYLD	Cambria Emerging Shareholder Yield ETF	1.97%

Emerging Most Overbought

Ticker	Fund	Price
QAT	iShares MSCI Qatar ETF	78.49
INDA	iShares MSCI India ETF	71.67
EPI	WisdomTree India Earnings Fund	71.54
SMIN	iShares MSCI India Small Cap ETF	71.33
FLIN	Franklin FTSE India ETF	71.12
PIN	Invesco India ETF	70.02
NFTY	First Trust India NIFTY 50 Equal Weight ETF	67.39
INDY	iShares India 50 ETF	67.33
EEMV	iShares MSCI Emerging Markets Min Vol Factor ETF	67.30
EDIV	SPDR S&P Emerging Markets Dividend ETF	66.88

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
TUR	iShares MSCI Turkey ETF	-1.73%
RAYC	Rayliant Quantamental China Equity ETF	-0.30%
CNYA	iShares MSCI China A ETF	-0.26%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	-0.14%
INDY	iShares India 50 ETF	0.00%
KBA	KraneShares Boser MSCI China A 50 Connect Index ETF	0.04%
SMIN	iShares MSCI India Small Cap ETF	0.17%
FLIN	Franklin FTSE India ETF	0.19%
GLIN	VanEck India Growth Leaders ETF	0.27%
EPI	WisdomTree India Earnings Fund	0.27%

Emerging Most Oversold

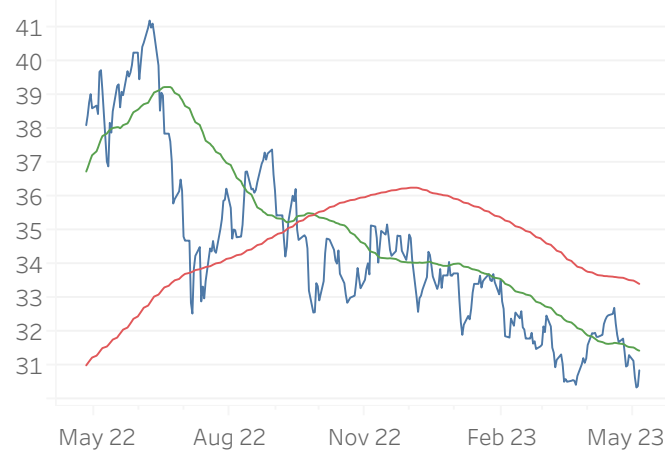
Ticker	Fund	Price
TUR	iShares MSCI Turkey ETF	23.54
FEMS	First Trust Emerging Markets Small Cap AlphaDEX F..	41.82
RAYC	Rayliant Quantamental China Equity ETF	42.79
PGJ	Invesco Golden Dragon China ETF	42.91
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	44.00
KBA	KraneShares Boser MSCI China A 50 Connect Index ..	45.13
CNYA	iShares MSCI China A ETF	45.52
ECNS	iShares MSCI China Small-Cap ETF	45.94
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	47.08
GXC	SPDR S&P China ETF	47.59

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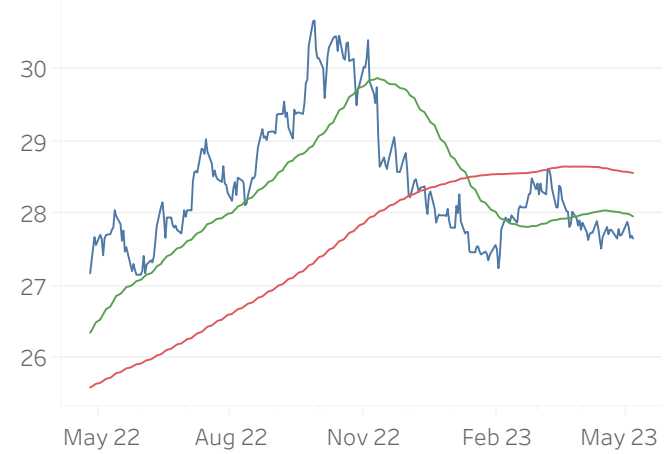
Fixed Income (AGG)



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	-0.32%	-0.62%	3.76%
SHY	1-3 Year Treasury Bonds	-0.24%	0.03%	2.14%
IEF	7-10 Year Treasury Bonds	-0.54%	-0.52%	4.98%
TLT	20+ Year Treasury Bonds	-0.33%	-2.85%	6.43%
TIP	TIPS Bonds	-0.20%	-0.49%	3.80%
FLOT	Floating Rate Bonds	0.26%	0.90%	2.02%
LQD	Investment Grade Corporate	-0.39%	-1.37%	4.31%
HYG	High Yield Corporate	0.54%	0.77%	3.56%
BKLN	Senior Loan	0.19%	0.59%	4.09%
PFF	Preferred & Income Securities	1.47%	-3.19%	-0.27%
MUB	Municipal Bonds	0.08%	-0.50%	2.73%
MBB	MBS	-0.29%	-0.69%	3.33%
EMB	Dollar Denominated EM Bonds	0.28%	-0.51%	2.60%
LEMB	Local Currency EM Bond	0.43%	1.33%	5.27%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	1.55%	-3.47%	-8.51%
DBE	Energy	3.38%	-9.75%	-15.09%
USO	WTI Crude Oil	3.84%	-10.26%	-10.10%
BNO	Brent Crude Oil	3.99%	-10.57%	-10.57%
UNG	Natural Gas	0.98%	-9.13%	-56.24%
UGA	Gasoline	2.57%	-13.84%	-8.12%
DBP	Precious Metals	-1.42%	0.64%	9.64%
GLD	Gold	-1.56%	-0.20%	10.50%
SLV	Silver	-1.55%	2.75%	7.04%
PPLT	abrdn Physical Platin..	0.95%	5.66%	-1.35%
PALL	abrdn Physical Palla..	3.17%	5.24%	-16.12%
DBB	Base Metals	1.48%	-1.99%	-1.23%
CPER	Copper	1.10%	-2.05%	3.55%
LD	Lead	-0.18%	0.59%	-7.85%
JJN	Nickel	2.99%	9.68%	-17.14%
JJU	Aluminum	1.10%	-0.68%	-3.90%
JJT	Tin	1.93%	8.09%	5.71%
DBA	Agriculture	1.59%	2.84%	4.37%
CORN	Corn	1.32%	-4.54%	-11.70%
SOYB	Soybeans	0.92%	-2.26%	-6.55%
WEAT	Wheat	2.16%	-5.03%	-17.17%
CANE	Sugar	2.93%	17.35%	46.17%
BAL	Cotton	3.62%	3.91%	1.70%
NIB	Cocoa	0.97%	4.78%	18.70%
JO	Coffee	2.41%	5.47%	15.23%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.14%	-0.22%	-0.54%
UDN	Short Dollar	-0.11%	0.53%	2.70%
FXE	Euro	0.01%	1.20%	3.31%
FXB	British Pound Sterling	0.52%	1.65%	5.46%
FXF	Swiss Franc	-0.54%	1.76%	3.67%
FXJ	Japanese Yen	-0.43%	-2.65%	-2.80%
FXC	Canadian Dollar	1.12%	0.84%	1.79%
FXA	Australian Dollar	0.83%	0.55%	-0.59%

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