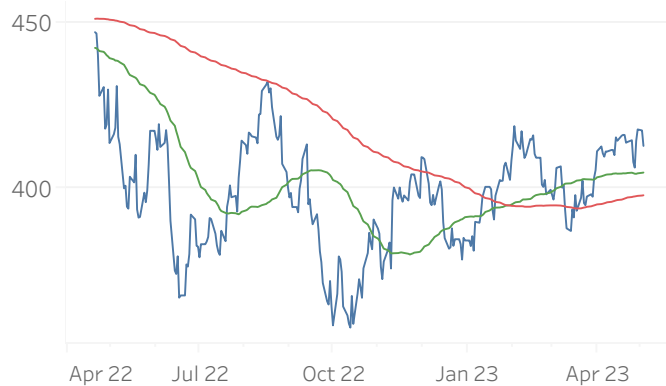


Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

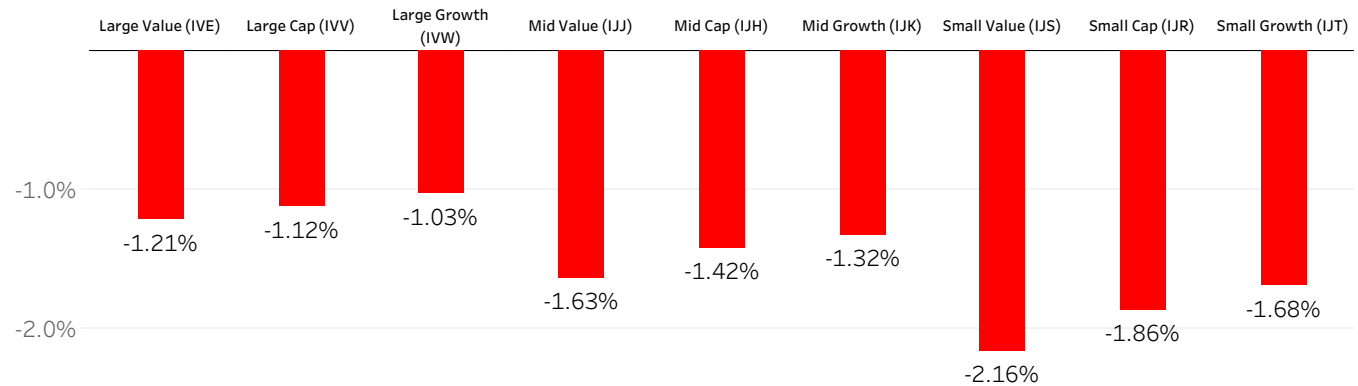


Small Cap Blend (S&P 600) IJR



■ 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
SPC	CrossingBridge Pre-Merger SPAC ETF	0.14%
CWS	AdvisorShares Focused Equity ETF	-0.33%
RPHS	Regents Park Hedged Market Strategy ETF	-0.47%
JEPQ	J.P. Morgan Nasdaq Equity Premium Income ETF	-0.53%
DVOL	First Trust Dorsey Wright Momentum & Low Volatility E..	-0.61%
HUSV	First Trust Horizon Managed Volatility Domestic ETF	-0.62%
WINN	Harbor Long-Term Growers ETF	-0.63%
CSF	VictoryShares US Discovery Enhanced Volatility Wtd ETF	-0.68%
MGK	Vanguard Mega Cap Growth ETF	-0.72%
ABEQ	Absolute Select Value ETF	-0.77%

Size & Style Most Overbought

Ticker	Fund	Price
SPC	CrossingBridge Pre-Merger SPAC ETF	75.14
ABEQ	Absolute Select Value ETF	59.35
XLG	Invesco S&P 500 Top 50 ETF	59.14
MGK	Vanguard Mega Cap Growth ETF	58.99
WINN	Harbor Long-Term Growers ETF	58.77
TMFC	Motley Fool 100 Index ETF	58.51
SPUS	SP Funds S&P 500 Sharia Industry Exclusions ETF	58.32
IWY	iShares Russell Top 200 Growth ETF	58.29
HUSV	First Trust Horizon Managed Volatility Domestic ETF	58.24
FDLO	Fidelity Low Volatility Factor ETF	57.28

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
WBIY	WBI Power Factor High Dividend ETF	-3.63%
FYX	First Trust Small Cap Core AlphaDEX Fund	-3.14%
FYT	First Trust Small Cap Value AlphaDEX Fund	-2.94%
EES	WisdomTree U.S. SmallCap Fund	-2.80%
RDIV	Invesco S&P Ultra Dividend Revenue ETF	-2.80%
SVAL	iShares US Small Cap Value Factor ETF	-2.73%
FCTR	First Trust Lunt U.S. Factor Rotation ETF	-2.72%
VTWV	Vanguard Russell 2000 Value ETF	-2.67%
VFVA	Vanguard U.S. Value Factor ETF	-2.65%
FDL	First Trust Morningstar Dividend Leaders Index Fund	-2.61%

Size & Style Most Oversold

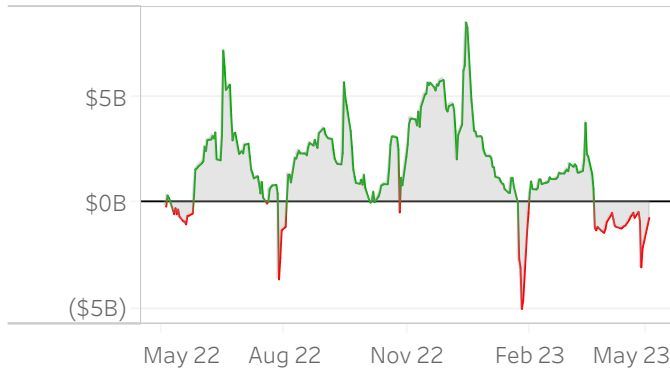
Ticker	Fund	Price
FCTR	First Trust Lunt U.S. Factor Rotation ETF	28.38
XSLV	Invesco S&P SmallCap Low Volatility ETF	31.96
SMLV	SPDR SSGA US Small Cap Low Volatility Index ETF	33.21
SIXS	ETC 6 Meridian Small Cap Equity ETF	33.38
SVAL	iShares US Small Cap Value Factor ETF	33.51
WBIY	WBI Power Factor High Dividend ETF	34.34
DIV	Global X SuperDividend US ETF	34.79
DHS	WisdomTree U.S. High Dividend Fund	35.09
QMOM	Momentumshares US Quantitative Momentum E..	35.15
SMDV	ProShares Russell 2000 Dividend Growers ETF	35.25

*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	\$1,299B	(\$2.14B)	\$0.41B	(\$11.32B)	\$67.55B
Large Cap, Beta, Beta: Growth	10	\$248B	(\$0.14B)	\$3.65B	\$8.50B	\$21.73B
Large Cap, Beta, Beta: Value	11	\$221B	(\$0.04B)	(\$4.57B)	(\$6.13B)	\$2.98B
Mid Cap, Beta, Beta	10	\$183B	(\$0.37B)	\$0.26B	\$4.04B	\$10.23B
Mid Cap, Beta, Beta: Growth	6	\$33B	\$0.02B	\$0.28B	(\$0.03B)	\$1.23B
Mid Cap, Beta, Beta: Value	6	\$39B	\$0.01B	(\$0.69B)	(\$0.83B)	\$0.84B
Small Cap, Beta, Beta	13	\$186B	(\$0.67B)	(\$0.89B)	\$3.09B	\$3.98B
Small Cap, Beta, Beta: Growth	7	\$31B	\$0.00B	(\$0.09B)	\$0.33B	\$1.43B
Small Cap, Beta, Beta: Value	7	\$47B	(\$0.08B)	(\$0.92B)	\$0.16B	(\$0.17B)

U.S. Size & Style Flow Leaders

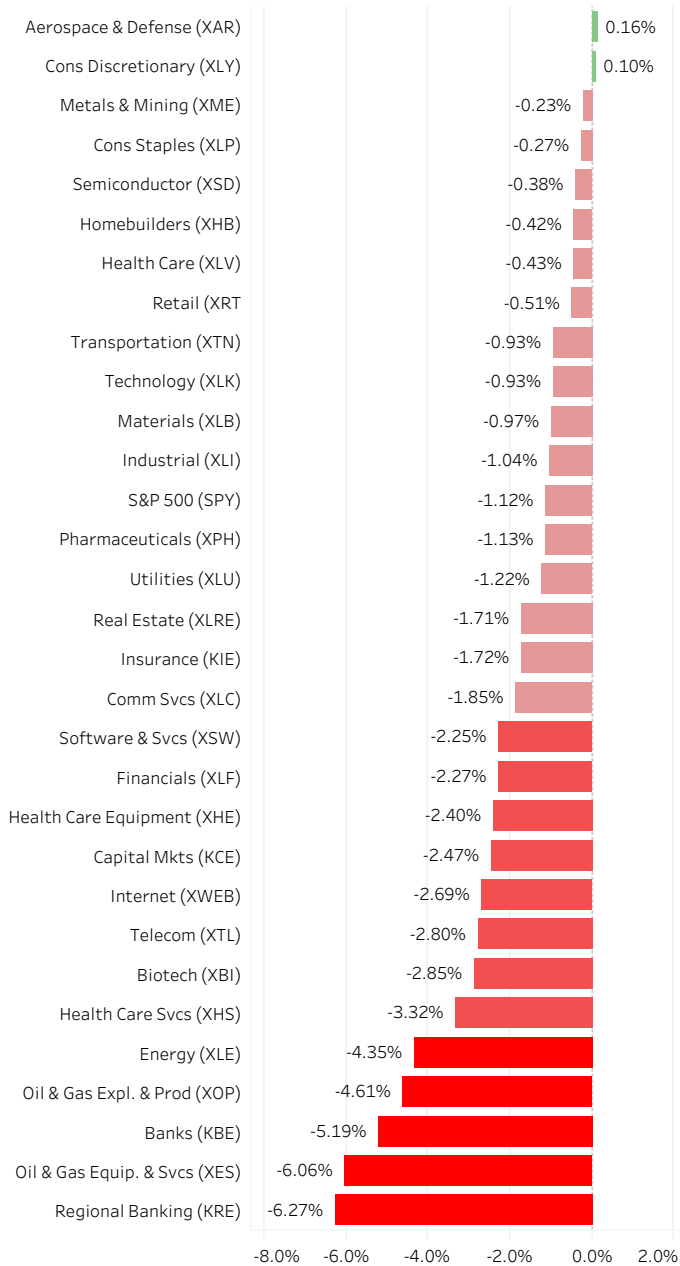
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	\$1.87B	\$2.52B	(\$1.50B)	\$0.92B	\$174.07B
IVV	iShares Core S&P 500 ETF	\$0.90B	(\$2.29B)	(\$5.36B)	\$16.63B	\$311.73B
VOO	Vanguard S&P 500 ETF	\$0.74B	\$7.32B	\$6.09B	\$33.07B	\$293.30B
OMFL	Invesco Russell 1000 Dynamic Multifactor ETF	\$0.39B	\$1.00B	\$1.16B	\$1.41B	\$3.54B
VTI	Vanguard Total Stock Market ETF	\$0.26B	\$2.00B	\$9.10B	\$19.63B	\$285.55B
QUAL	iShares MSCI USA Quality Factor ETF	\$0.16B	\$8.74B	\$8.41B	\$6.35B	\$28.66B
SCHD	Schwab US Dividend Equity ETF	\$0.15B	\$2.29B	\$7.03B	\$14.15B	\$46.75B
JEPQ	J.P. Morgan Nasdaq Equity Premium Income ..	\$0.11B	\$0.86B	\$1.69B	\$2.33B	\$2.44B
LVHD	Franklin U.S. Low Volatility High Dividend Ind..	\$0.11B	\$0.26B	\$0.40B	\$0.36B	\$1.25B
SPLV	Invesco S&P 500 Low Volatility ETF	\$0.10B	(\$0.17B)	(\$0.18B)	\$0.73B	\$10.36B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.50B)	(\$1.86B)	(\$1.70B)	\$1.41B	\$29.01B
IWM	iShares Russell 2000 ETF	(\$0.45B)	(\$1.88B)	(\$0.96B)	(\$1.68B)	\$49.41B
VO	Vanguard Mid-Cap ETF	(\$0.36B)	(\$0.55B)	\$0.32B	\$2.30B	\$50.95B
RSP	Invesco S&P 500 Equal Weight ETF	(\$0.28B)	(\$1.04B)	\$1.36B	\$2.29B	\$33.77B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.25B)	(\$1.89B)	(\$2.17B)	(\$0.85B)	\$28.39B
IWF	iShares Russell 1000 Growth ETF	(\$0.24B)	(\$0.66B)	(\$2.18B)	\$0.43B	\$63.33B
MTUM	iShares MSCI USA Momentum Factor ETF	(\$0.23B)	(\$2.26B)	(\$2.30B)	(\$0.79B)	\$9.64B
IJR	iShares Core S&P Small Cap ETF	(\$0.19B)	\$0.24B	\$1.18B	\$2.69B	\$64.82B
RPG	Invesco S&P 500 Pure Growth ETF	(\$0.08B)	(\$0.21B)	(\$0.30B)	(\$0.28B)	\$1.96B
SPHB	Invesco S&P 500 High Beta ETF	(\$0.08B)	(\$0.05B)	\$0.09B	(\$0.09B)	\$0.53B

* 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	-0.27%	16.23%	4.31%	5.19%	68.12
XLK	Technology Select Sector SPDR Fund	-1.35%	28.27%	3.49%	10.45%	55.98
XLC	Communication Services Select Sector SPDR Fund	-3.54%	29.44%	4.26%	10.72%	55.45
XLI	Industrial Select Sector SPDR Fund	-4.03%	20.10%	-0.18%	2.49%	49.30
SPY	SPDR S&P 500 ETF Trust	-4.39%	15.22%	1.99%	3.75%	52.90
XLV	Health Care Select Sector SPDR Fund	-4.61%	11.47%	2.78%	1.90%	55.17
XLB	Materials Select Sector SPDR Fund	-9.52%	18.43%	-0.16%	1.76%	47.69
XLF	Financial Select Sector SPDR Fund	-12.62%	6.73%	-1.98%	-4.68%	44.40
XLU	Utilities Select Sector SPDR Fund	-12.62%	10.96%	1.29%	-2.05%	47.23
XLE	Energy Select Sector SPDR Fund	-14.42%	19.29%	-3.64%	-4.29%	37.06
XLY	Consumer Discretionary Select Sector SPDR Fund	-15.27%	16.07%	1.34%	0.16%	51.87
XLRE	Real Estate Select Sector SPDR Fund	-19.63%	8.85%	-0.85%	-4.93%	46.54

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XAR	SPDR S&P Aerospace & Defense ETF	0.16%
XLY	Consumer Discretionary Select Sector SPDR Fund	0.10%
PRN	Invesco DWA Industrials Momentum ETF	0.00%
FDIS	Fidelity MSCI Consumer Discretionary Index ETF	-0.03%
VCR	Vanguard Consumer Discretionary ETF	-0.08%
ITB	iShares U.S. Home Construction ETF	-0.12%
IYC	iShares U.S. Consumer Discretionary ETF	-0.16%
RHS	Invesco S&P 500 Equal Weight Consumer Staples ..	-0.19%
IYT	iShares US Transportation ETF	-0.22%
XME	SPDR S&P Metals & Mining ETF	-0.23%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	69.88
IYK	iShares U.S. Consumer Staples ETF	68.98
VDC	Vanguard Consumer Staples ETF	68.86
FTXG	First Trust Nasdaq Food & Beverage ETF	68.69
XLP	Consumer Staples Select Sector SPDR Fund	68.12
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER STAPLES..	68.04
PBJ	Invesco Dynamic Food & Beverage ETF	66.16
PSL	Invesco DWA Consumer Staples Momentum ETF	66.09
ITB	iShares U.S. Home Construction ETF	65.45
XHB	SPDR S&P Homebuilders ETF	61.52

Sector & Industry 1 Day Performance Laggards

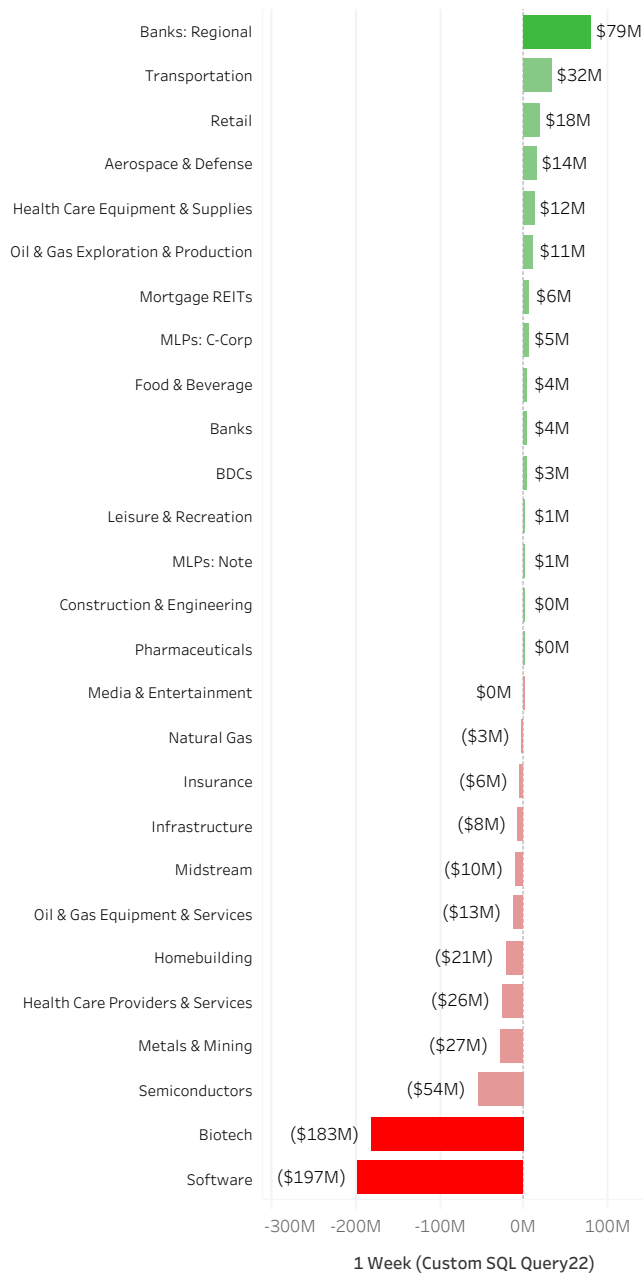
Ticker	Fund	1 Day Performance
KRE	SPDR S&P Regional Banking ETF	-6.27%
IEZ	iShares U.S. Oil Equipment & Services ETF	-6.27%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-6.06%
IAT	iShares U.S. Regional Banks ETF	-5.79%
QABA	First Trust NASDAQ ABA Community Bank Index Fund	-5.69%
KBWR	Invesco KBW Regional Banking ETF	-5.50%
PXJ	Invesco Dynamic Oil & Gas Services ETF	-5.37%
KBE	SPDR S&P Bank ETF	-5.19%
PXE	Invesco Dynamic Energy Exploration & Production ETF	-4.67%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	-4.61%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
QABA	First Trust NASDAQ ABA Community Bank Index Fund	27.05
IGN	iShares North American Tech-Multimedia Networking ETF	30.77
KRE	SPDR S&P Regional Banking ETF	31.83
KBWR	Invesco KBW Regional Banking ETF	32.84
KBWB	Invesco KBW Bank ETF	33.01
XTL	SPDR S&P Telecom ETF	33.13
XSD	SPDR S&P Semiconductor ETF	33.38
IAT	iShares U.S. Regional Banks ETF	33.39
KBE	SPDR S&P Bank ETF	33.64
PXJ	Invesco Dynamic Oil & Gas Services ETF	33.71

* 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	(\$80M)	\$1,009M	\$913M	\$756M
Consumer Discretionary	12	\$22B	\$28M	\$767M	\$249M	(\$1,453M)
Consumer Staples	10	\$32B	\$73M	\$1,025M	\$2,221M	\$3,438M
Energy	32	\$72B	(\$278M)	(\$4,951M)	(\$6,585M)	(\$9,135M)
Financials	26	\$56B	\$230M	\$1,624M	\$1,529M	(\$5,821M)
Health Care	23	\$92B	(\$192M)	(\$3,050M)	(\$2,471M)	\$1,292M
Industrial	13	\$32B	(\$13M)	\$305M	\$1,482M	(\$1,217M)
Materials	9	\$14B	(\$74M)	(\$225M)	\$570M	(\$2,942M)
Multi-Sector	19	\$14B	(\$23M)	\$194M	(\$214M)	(\$1,837M)
Real Estate	25	\$56B	(\$7M)	(\$2,601M)	(\$2,704M)	(\$6,414M)
Technology	23	\$131B	(\$555M)	(\$433M)	(\$1,134M)	(\$272M)
Utilities	9	\$26B	\$116M	\$36M	\$159M	\$1,821M

U.S. Sector & Industry Flow Leaders

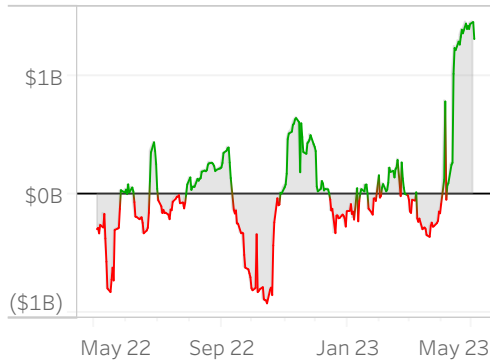
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	\$222M	\$961M	\$2,019M	(\$2,175M)	\$32,305M
XLU	Utilities Select Sector SPDR Fund	\$117M	\$376M	\$442M	\$1,343M	\$16,236M
KRE	SPDR S&P Regional Banking ETF	\$81M	\$1,265M	\$542M	(\$112M)	\$2,839M
IYT	iShares US Transportation ETF	\$44M	\$66M	\$34M	(\$233M)	\$836M
IYR	iShares U.S. Real Estate ETF	\$42M	(\$689M)	(\$534M)	(\$1,498M)	\$2,858M
ITB	iShares U.S. Home Construction ETF	\$38M	\$21M	\$182M	(\$10M)	\$1,801M
SCHH	Schwab U.S. REIT ETF	\$35M	\$184M	\$288M	\$395M	\$5,782M
XLV	Health Care Select Sector SPDR Fund	\$31M	(\$671M)	(\$317M)	\$2,402M	\$40,242M
IYW	iShares U.S. Technology ETF	\$28M	\$713M	\$746M	\$2,472M	\$10,593M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	\$25M	(\$192M)	(\$899M)	(\$1,510M)	\$3,395M

U.S. Sector & Industry Flow Laggards

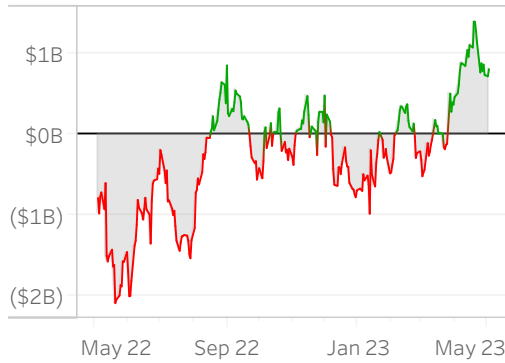
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	(\$216M)	(\$1,213M)	(\$1,990M)	(\$2,218M)	\$38,021M
IGV	iShares Expanded Tech-Software Sector ETF	(\$192M)	(\$207M)	(\$608M)	\$672M	\$5,091M
XLK	Technology Select Sector SPDR Fund	(\$191M)	(\$1,768M)	(\$2,116M)	(\$2,161M)	\$43,256M
VGT	Vanguard Information Technology ETF	(\$150M)	(\$713M)	(\$588M)	(\$868M)	\$46,108M
IBB	iShares Biotechnology ETF	(\$130M)	(\$544M)	(\$420M)	(\$448M)	\$7,930M
XLC	Communication Services Select Sector SPDR Fu..	(\$66M)	\$996M	\$852M	\$1,131M	\$11,219M
XHB	SPDR S&P Homebuilders ETF	(\$59M)	(\$110M)	(\$92M)	(\$386M)	\$900M
XSD	SPDR S&P Semiconductor ETF	(\$58M)	\$219M	\$291M	\$251M	\$1,352M
XLRE	Real Estate Select Sector SPDR Fund	(\$58M)	(\$468M)	(\$408M)	(\$259M)	\$4,477M
XBI	SPDR S&P BIOTECH ETF	(\$45M)	(\$1,411M)	(\$926M)	(\$27M)	\$6,447M

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

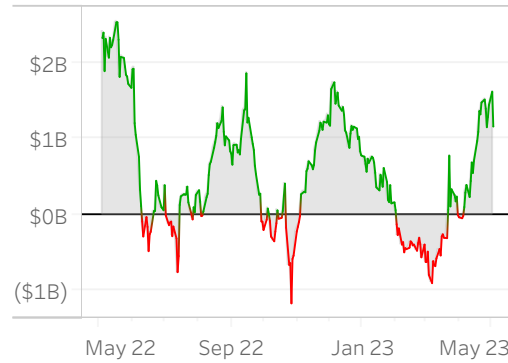
Communication Services



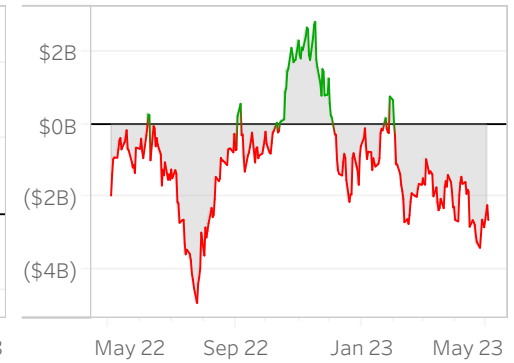
Consumer Discretionary



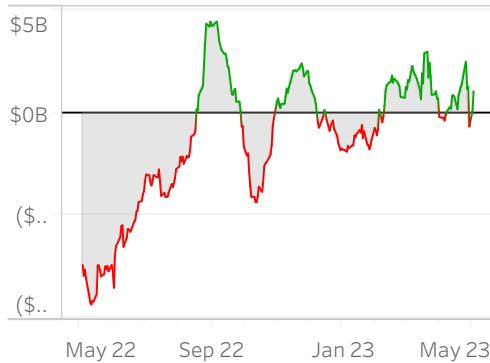
Consumer Staples



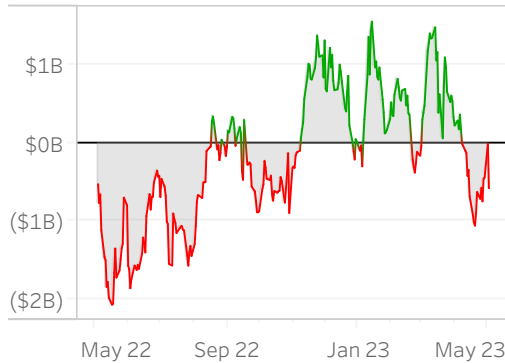
Energy



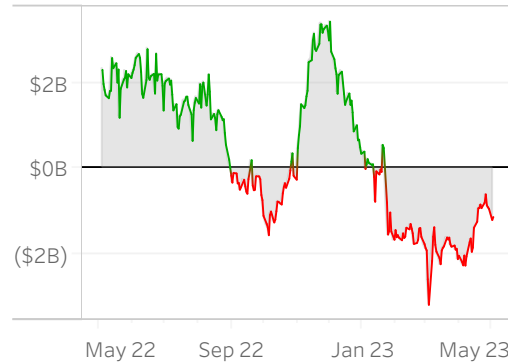
Financials



Industrial



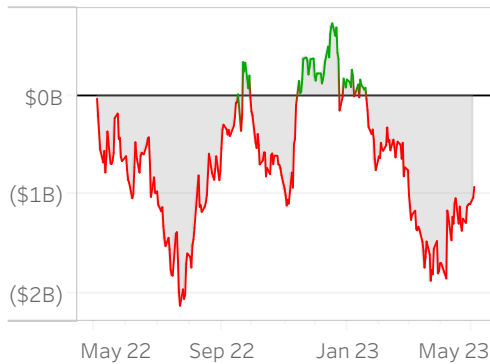
Health Care



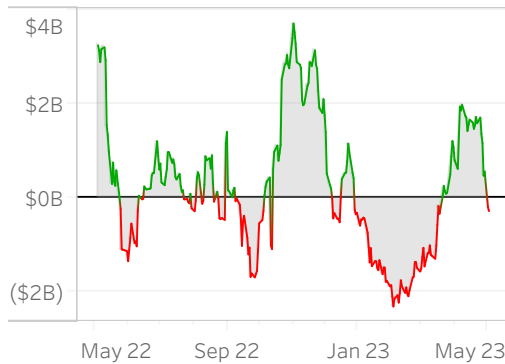
Materials



Real Estate



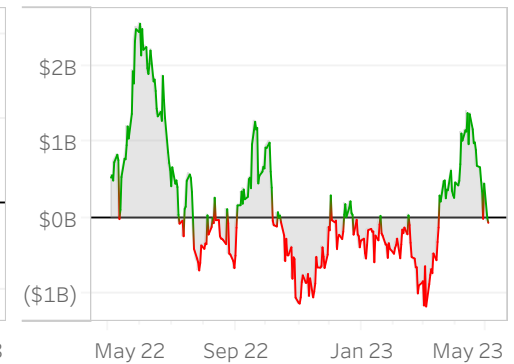
Technology



Utilities

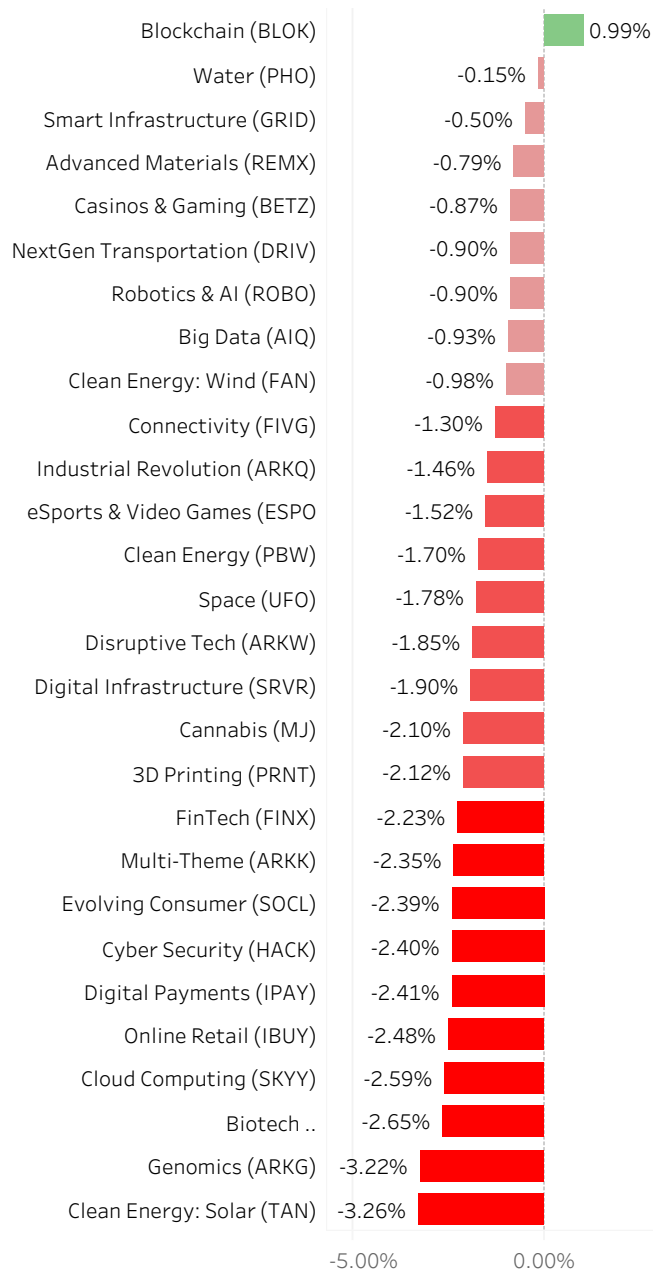


Multi-Sector

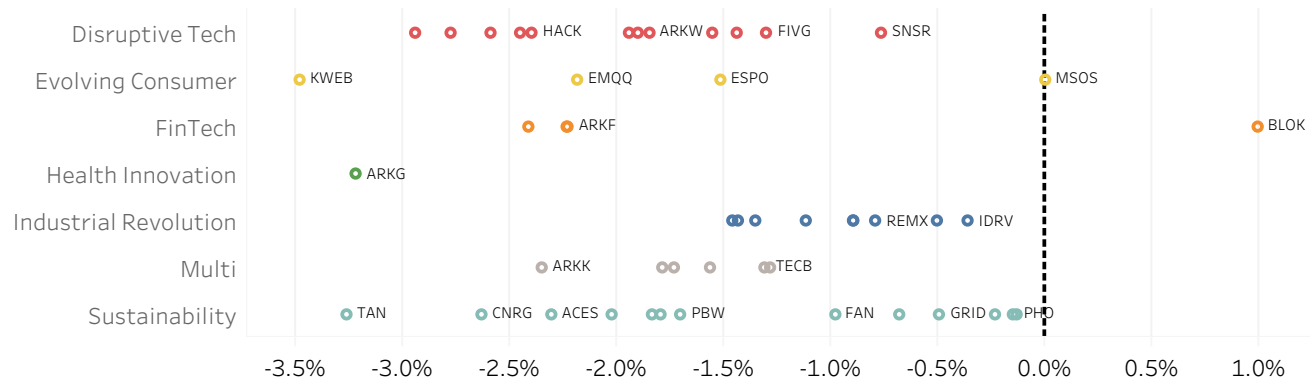


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
BKCH	Global X Blockchain ETF	3.26%
BITQ	Bitwise Crypto Industry Innovators ETF	2.61%
BLOK	Amplify Transformational Data Sharing ETF	0.99%
MSOS	AdvisorShares Pure US Cannabis ETF	0.00%
FIW	First Trust Water ETF	-0.13%
PHO	Invesco Water Resources ETF	-0.15%
CGW	Invesco S&P Global Water Index ETF	-0.23%
AWAY	ETFMG Travel Tech ETF	-0.35%
IDRV	iShares Self-driving EV & Tech ETF	-0.36%
EVX	VanEck Environmental Services ETF	-0.45%

Thematic Most Overbought

Ticker	Fund	Price
BETZ	Roundhill Sports Betting & iGaming ETF	63.34
BJK	VanEck Gaming ETF	61.08
AGNG	Global X Aging Population ETF	60.12
SBIO	ALPS Medical Breakthroughs ETF	56.20
GDOC	Goldman Sachs Future Health Care Equity ETF	55.74
PAWZ	ProShares Pet Care ETF	54.63
EVX	VanEck Environmental Services ETF	54.32
PHO	Invesco Water Resources ETF	54.10
PIO	Invesco Global Water ETF	53.71
TIME	Clockwise Capital Innovation ETF	53.70

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
KWEB	KraneShares CSI China Internet ETF	-3.48%
TAN	Invesco Solar ETF	-3.26%
ARKG	ARK Genomic Revolution ETF	-3.22%
XITK	SPDR FactSet Innovative Technology ETF	-3.12%
WCLD	WisdomTree Cloud Computing Fund	-2.94%
EDOC	Global X Telemedicine & Digital Health ETF Registered	-2.86%
CLOU	Global X Cloud Computing ETF	-2.78%
MJUS	ETFMG U.S. Alternative Harvest ETF	-2.66%
SBIO	ALPS Medical Breakthroughs ETF	-2.65%
CTEC	Global X CleanTech ETF	-2.64%

Thematic Most Oversold

Ticker	Fund	Price
CIBR	First Trust NASDAQ Cybersecurity ETF	27.33
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Securit..	28.94
IHAK	iShares Cybersecurity & Tech ETF	29.20
BUG	Global X Cybersecurity ETF	29.86
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	30.19
SNSR	Global X Internet of Things ETF	31.86
TAN	Invesco Solar ETF	32.35
ICLN	iShares Global Clean Energy ETF	32.38
WCLD	WisdomTree Cloud Computing Fund	32.71
XITK	SPDR FactSet Innovative Technology ETF	32.84

* 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	\$7M
ARKQ	ARK Autonomous Technology & Robotics ETF	\$5M
FIW	First Trust Water ETF	\$4M
TARK	AXS 2X Innovation ETF	\$3M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$3M
BJK	VanEck Gaming ETF	\$1M
MSOS	AdvisorShares Pure US Cannabis ETF	\$1M
TIME	Clockwise Capital Innovation ETF	\$1M
KSTR	KraneShares SSE STAR Market 50 Index ETF	\$1M

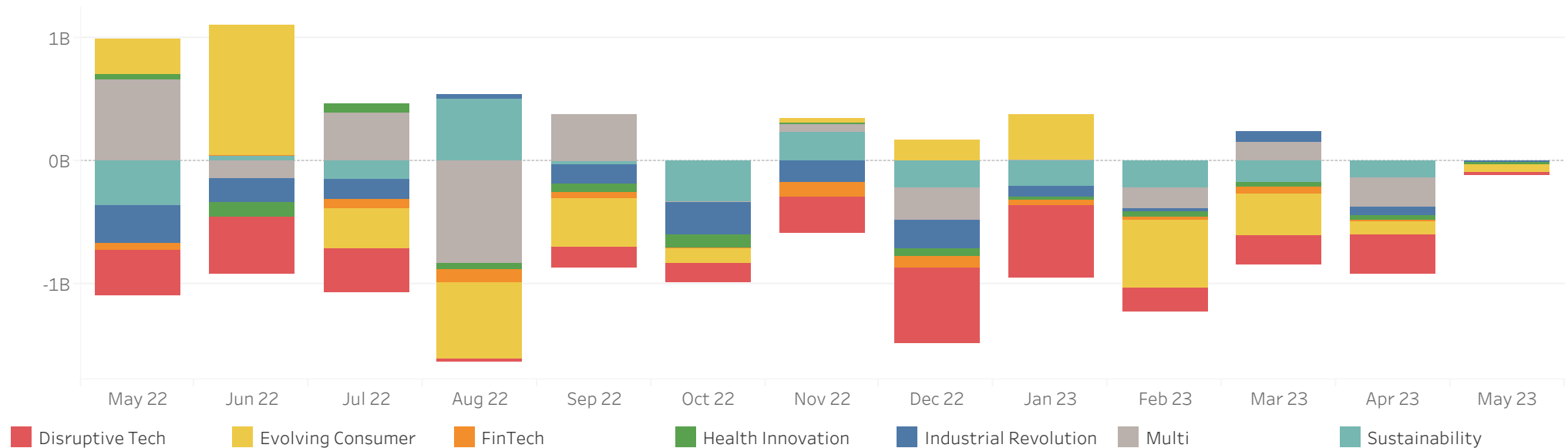
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
KWEB	KraneShares CSI China Internet ETF	(\$134M)
TAN	Invesco Solar ETF	(\$41M)
ARKK	ARK Innovation ETF	(\$37M)
ARKG	ARK Genomic Revolution ETF	(\$36M)
LIT	Global X Lithium & Battery Tech ETF	(\$15M)
BUG	Global X Cybersecurity ETF	(\$13M)
SKYY	First Trust Cloud Computing ETF	(\$13M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$12M)
FIVG	Defiance Next Gen Connectivity ETF	(\$12M)
PBW	Invesco WilderHill Clean Energy ETF	(\$12M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$14B	(\$64M)	(\$755M)	(\$2,228M)	(\$3,784M)
Evolving Consumer	44	\$8B	(\$126M)	(\$1,062M)	(\$506M)	(\$612M)
FinTech	18	\$2B	(\$4M)	(\$101M)	(\$320M)	(\$644M)
Health Innovation	18	\$3B	(\$37M)	(\$159M)	(\$217M)	(\$455M)
Industrial Revolution	31	\$10B	(\$27M)	(\$2M)	(\$489M)	(\$1,563M)
Multi	41	\$13B	(\$44M)	(\$304M)	(\$351M)	\$33M
Sustainability	40	\$16B	(\$47M)	(\$477M)	(\$675M)	(\$1,009M)
Grand Total	226	\$68B	(\$350M)	(\$2,860M)	(\$4,787M)	(\$8,033M)

Thematic Monthly Flows

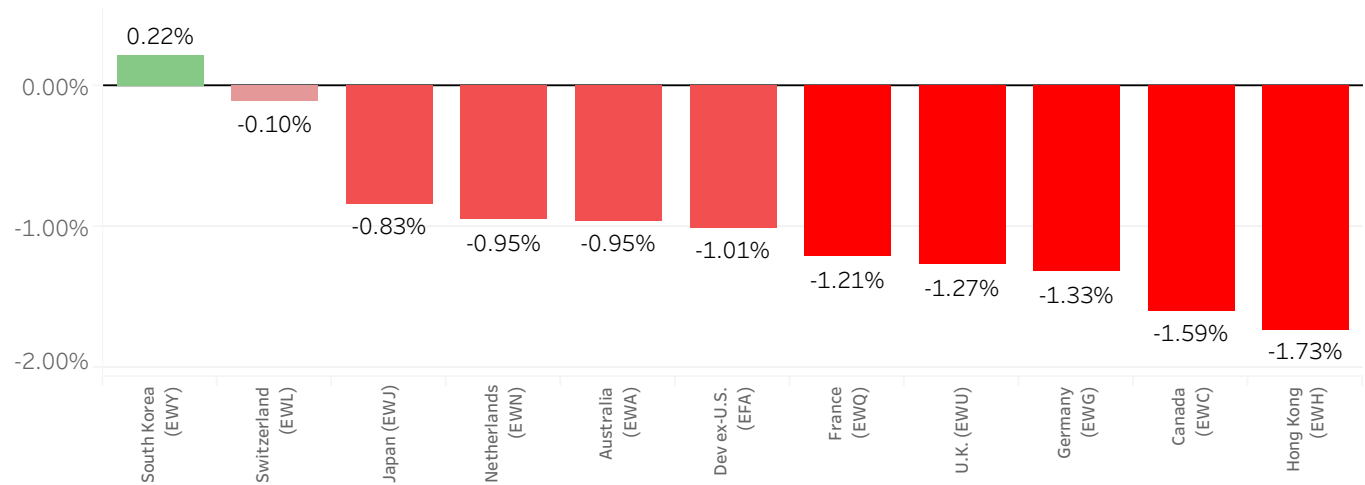


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



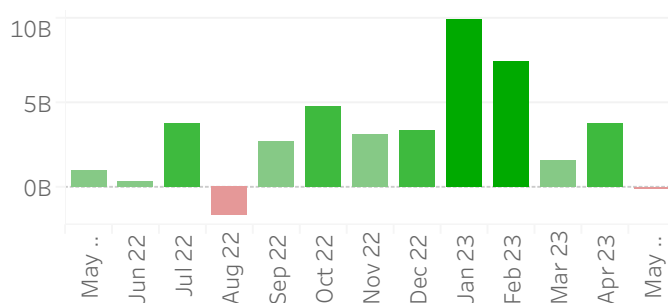
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWY	iShares MSCI South Korea ETF	0.22%
ENZL	iShares MSCI New Zealand ETF	0.21%
FLKR	Franklin FTSE South Korea ETF	-0.04%
EWL	iShares MSCI Switzerland ETF	-0.10%
FLSW	Franklin FTSE Switzerland ETF	-0.24%
IMFL	Invesco International Developed Dynamic Multifactor ETF	-0.26%
EDEN	iShares MSCI Denmark ETF	-0.47%
EFAV	iShares MSCI EAFE Min Vol Factor ETF	-0.50%
IQDG	WisdomTree International Quality Dividend Growth Fund	-0.57%
GWX	SPDR S&P International Small Cap ETF	-0.61%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EWL	iShares MSCI Switzerland ETF	69.32
FLSW	Franklin FTSE Switzerland ETF	67.91
EUDG	WisdomTree Europe Quality Dividend Growth Fund	63.27
EFAV	iShares MSCI EAFE Min Vol Factor ETF	62.09
IQDG	WisdomTree International Quality Dividend Growth Fund	61.17
HEWJ	iShares Currency Hedged MSCI Japan ETF	60.27
IHDG	WisdomTree International Hedged Quality Dividend Growth Fund	59.98
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	59.89
QLVD	FlexShares Developed Markets ex-US Quality Low Volatility Fund	59.38
BKCI	BNY Mellon Concentrated International ETF	59.08

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EWO	iShares MSCI Austria ETF	-2.11%
EWI	iShares MSCI Italy ETF	-1.99%
FYLD	Cambria Foreign Shareholder Yield ETF	-1.90%
EWP	iShares MSCI Spain ETF	-1.89%
NORW	Global X MSCI Norway ETF	-1.89%
FDD	First Trust Stoxx European Select Dividend Index Fund	-1.82%
HEDJ	WisdomTree Europe Hedged Equity Fund	-1.82%
EWD	iShares MSCI Sweden ETF	-1.78%
FLCA	Franklin FTSE Canada ETF	-1.74%
EWH	iShares MSCI Hong Kong ETF	-1.73%

Developed ex-U.S. Most Oversold

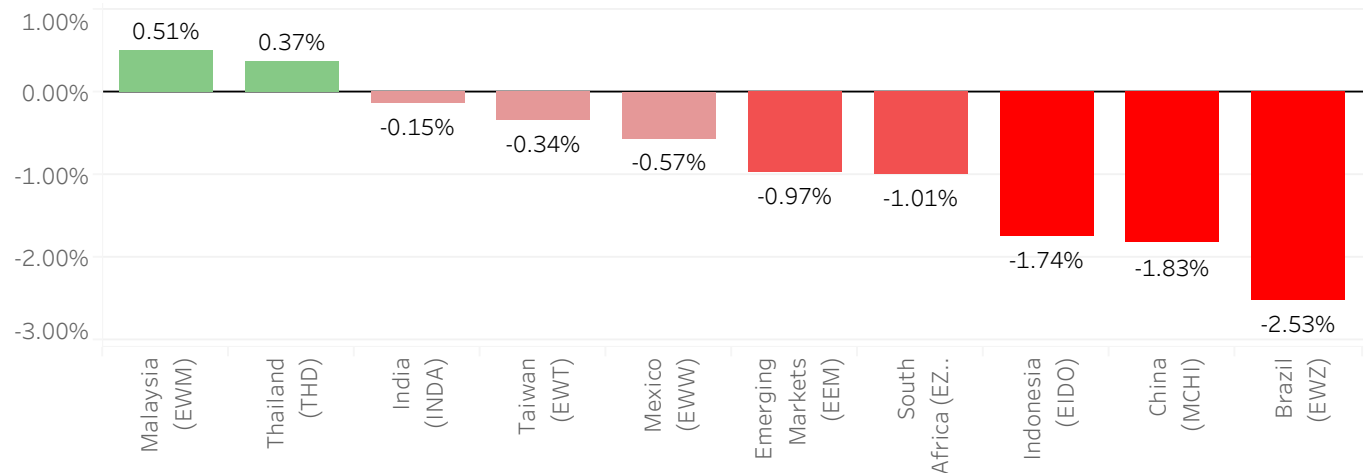
Ticker	Fund	Value
AIA	iShares Asia 50 ETF	38.57
MINV	Matthews Asia Innovators Active ETF	39.15
NORW	Global X MSCI Norway ETF	40.87
FYLD	Cambria Foreign Shareholder Yield ETF	40.89
IVAL	Alpha Architect International Quantitative Value ETF	41.12
ISRA	VanEck Israel ETF	41.48
AAXJ	iShares MSCI All Country Asia ex Japan ETF	42.43
ICOW	Pacer Developed Markets International Cash Cows 1.0x	42.80
IDV	iShares International Select Dividend ETF	43.71
IMOM	Alpha Architect International Quantitative Momentum Fund	43.76

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

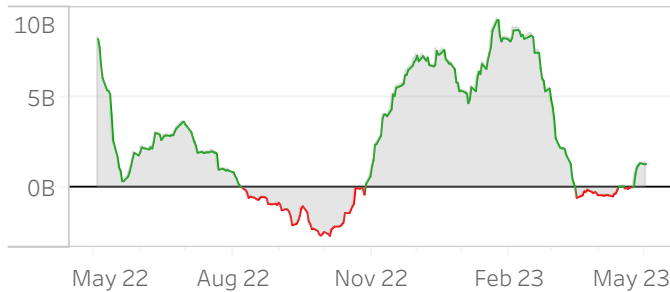
Emerging (EEM)



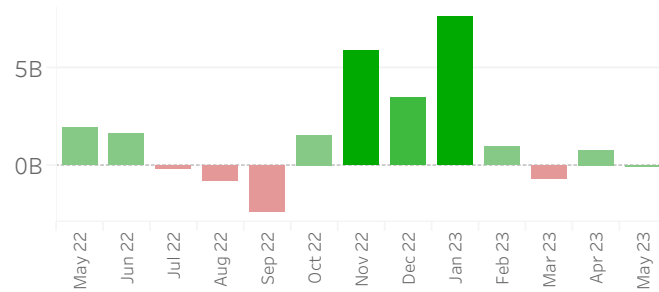
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWM	iShares MSCI Malaysia ETF	0.51%
THD	iShares MSCI Thailand ETF	0.37%
EPHE	iShares MSCI Philippines ETF	0.22%
EPI	WisdomTree India Earnings Fund	0.15%
SMIN	iShares MSCI India Small Cap ETF	0.02%
EELV	Invesco S&P Emerging Markets Low Volatility ETF	0.00%
EPOL	iShares MSCI Poland ETF	0.00%
INDA	iShares MSCI India ETF	-0.15%
FLIN	Franklin FTSE India ETF	-0.17%
RAYC	Rayliant Quantamental China Equity ETF	-0.24%

Emerging Most Overbought

Ticker	Fund	Value
EPI	WisdomTree India Earnings Fund	71.59
FLIN	Franklin FTSE India ETF	70.35
INDA	iShares MSCI India ETF	69.66
SMIN	iShares MSCI India Small Cap ETF	68.39
NFTY	First Trust India NIFTY 50 Equal Weight ETF	67.75
PIN	Invesco India ETF	66.59
EPOL	iShares MSCI Poland ETF	65.43
GLIN	VanEck India Growth Leaders ETF	65.12
QAT	iShares MSCI Qatar ETF	65.03
INDY	iShares India 50 ETF	64.40

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
PGJ	Invesco Golden Dragon China ETF	-3.67%
FLN	First Trust Latin America AlphaDEX Fund	-2.81%
EWZ	iShares MSCI Brazil ETF	-2.53%
ECNS	iShares MSCI China Small-Cap ETF	-2.31%
FLBR	Franklin FTSE Brazil ETF	-2.26%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-2.19%
TUR	iShares MSCI Turkey ETF	-1.91%
ILF	iShares Latin America 40 ETF	-1.88%
FXI	iShares China Large-Cap ETF	-1.88%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	-1.87%

Emerging Most Oversold

Ticker	Fund	Value
TUR	iShares MSCI Turkey ETF	26.77
ECNS	iShares MSCI China Small-Cap ETF	35.18
PGJ	Invesco Golden Dragon China ETF	35.36
FEMS	First Trust Emerging Markets Small Cap AlphaDEX F..	36.01
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	37.24
TLTE	FlexShares Morningstar Emerging Markets Factor Ti..	39.12
MCHI	iShares MSCI China ETF	39.16
FLCH	Franklin FTSE China ETF	39.22
KBA	KraneShares Bosera MSCI China A 50 Connect Index ..	39.48
FLTW	Franklin FTSE Taiwan ETF	39.79

* 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	0.97%	0.52%	3.76%
SHY	1-3 Year Treasury Bonds	0.33%	0.36%	1.97%
IEF	7-10 Year Treasury Bonds	1.30%	0.93%	4.89%
TLT	20+ Year Treasury Bonds	2.49%	-0.12%	7.25%
TIP	TIPS Bonds	0.76%	-0.02%	3.56%
FLOT	Floating Rate Bonds	-0.04%	0.79%	1.76%
LQD	Investment Grade Corporate	1.21%	0.18%	4.84%
HYG	High Yield Corporate	-0.09%	-0.35%	3.37%
BKLN	Senior Loan	0.00%	1.08%	4.34%
PFF	Preferred & Income Securities	-1.55%	-1.25%	2.14%
MUB	Municipal Bonds	0.58%	-0.13%	2.42%
MBB	MBS	1.05%	0.49%	3.17%
EMB	Dollar Denominated EM Bonds	0.42%	-0.30%	2.50%
LEMB	Local Currency EM Bond	0.44%	0.31%	4.18%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-1.57%	-3.04%	-9.14%
DBE	Energy	-4.23%	-6.35%	-15.13%
USO	WTI Crude Oil	-5.26%	-5.10%	-10.07%
BNO	Brent Crude Oil	-5.18%	-4.93%	-10.64%
UNG	Natural Gas	-3.99%	-6.48%	-53.97%
UGA	Gasoline	-4.49%	-7.25%	-5.94%
DBP	Precious Metals	1.80%	2.94%	9.35%
GLD	Gold	1.93%	2.35%	10.54%
SLV	Silver	2.01%	5.56%	6.04%
PPLT	abrdn Physical Platin..	0.94%	7.17%	-0.76%
PALL	abrdn Physical Palla..	-1.29%	-1.87%	-19.74%
DBB	Base Metals	-1.76%	-5.89%	-2.26%
CPER	Copper	-1.70%	-4.93%	2.69%
LD	Lead	-0.75%	3.31%	-5.54%
JJN	Nickel	1.64%	5.28%	-16.63%
JJU	Aluminum	-0.31%	-2.20%	-2.40%
JJT	Tin	0.67%	2.81%	6.90%
DBA	Agriculture	-0.92%	0.54%	1.94%
CORN	Corn	-0.73%	-8.60%	-14.37%
SOYB	Soybeans	-0.68%	-2.67%	-7.33%
WEAT	Wheat	-0.97%	-12.89%	-22.93%
CANE	Sugar	-1.55%	16.96%	39.66%
BAL	Cotton	-0.74%	-2.00%	-2.48%
NIB	Cocoa	-1.80%	1.46%	16.18%
JO	Coffee	0.71%	10.62%	13.97%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.25%	-0.22%	0.04%
UDN	Short Dollar	0.32%	0.91%	2.38%
FXE	Euro	0.31%	1.57%	3.15%
FXB	British Pound Sterling	-0.14%	1.36%	4.12%
FXF	Swiss Franc	0.49%	2.54%	3.47%
FXJ	Japanese Yen	0.65%	-2.84%	-4.16%
FXC	Canadian Dollar	-0.57%	-0.68%	-0.03%
FXA	Australian Dollar	0.56%	-0.26%	-1.87%

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